National Aeronautics and
Space Administration

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P.O. Box 20
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April 19, 2023

Reply to Attn of: RE-23-071

New Mexico Environment Department
Attn: Mr. Dave Cobrain, Acting Bureau Chief
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Subject: 600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 10

Enclosed is the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report for Project Year 10*, submitted in accordance with the 600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 5, approved by NMED August April 17, 2018. Requirements of the NMED-approved *600 Area Perched Groundwater Extraction Pilot Test Work Plan* (November 13, 2012) and subsequent correspondence are included in the report. A statistical analysis has been included in the Year 10 report in order to support groundwater and soil vapor data evaluations. This submittal includes an Executive Summary as Enclosure 1, a paper copy of the report as Enclosure 2, and a CD-ROM with the report as a PDF and Excel Statistical Trend Input Files as Enclosure 3.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or comments concerning this submittal, please contact Antonette Doherty of my staff at 575-202-5406.

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Timothy J. Davis
Chief, Environmental Office

3 Enclosures

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Executive Summary

The Interim Status Report for 600 Area Perched Groundwater Extraction Pilot Test (PGEPT) Project Year 10 summarizes the results of perched groundwater (PGW) extraction at the White Sands Test Facility (WSTF) 600 Area Closure (Closure). National Aeronautics and Space Administration (NASA) has extracted PGW for ten years, originally in accordance with the *600 Area Perched Groundwater Extraction Pilot Test Work Plan*, submitted by NASA on November 13, 2012. Subsequent directives by NMED have required continued monitoring and extraction of the PGW. The objective of the pilot test is to extract PGW on the top of bedrock at the bedrock-alluvium interface using groundwater monitoring well 600-G-138 and determine the impact of groundwater extraction on the concentrations of hazardous constituents in the groundwater and soil vapor beneath the Closure. Quarterly PGW and soil vapor sampling was continued throughout Project Year 10 to monitor the impact of extraction.

Between April 2013 (when extraction was initiated) and March 2023, NASA has extracted 19,127 gallons of contaminated PGW from monitoring well 600-G-138. For Project Year 10, 1,672 gallons of extracted PGW was transported to, and treated by, the Mid-plume Interception and Treatment System. Field data and chemical analytical results obtained indicate that contaminated PGW prevails on top of the andesite bedrock at well 600-G-138 and the source of soil vapor contaminants remains. Analytical data from PGW well 600-G-138 indicate that the concentrations of volatile organic compounds (VOCs) continue to decline at a similar rate to declining concentrations in contaminated groundwater from upgradient locations in the 200 Area. Groundwater extraction over the 10-year duration of the PGEPT has not significantly reduced the 3-foot (ft) thickness of PGW at well 600-G-138 over an extended period. Analytical data from soil vapor monitoring at adjacent multiport soil vapor monitoring well (MSVM) 600-SGW-5 indicate that concentrations of VOCs in the soil vapor have continued to decline slightly throughout the pilot test.

Chemical analytical data show that the concentrations of nitrate/nitrite and chloride in PGW exhibit slightly declining trends over the ten years of the PGEPT. The gradual declining trend in chloride and nitrate/nitrite concentrations may indicate a lessening in the impact of infiltration following the removal of standing water from the adjacent 600 Area Wastewater Lagoons by July 2017. Concentrations of trichloroethene (TCE) in PGW have declined from 110 µg/L in November 2013 to 33 µg/L in July 2023 or approximately 70 percent over the 10-year duration of the PGEPT. Chloroform concentrations in PGW measured during the PGEPT contrast the other VOCs and exhibit a statistically inconsistent trend.

Declining concentrations of several of the PGW contaminants of concern (COCs) has potentially had a delayed effect on reducing the concentrations of COCs in soil vapor measured at MSVM well 600-SGW-5 located adjacent to monitoring well 600-G-138. Well 600-SGW-5 also shows a consistent relationship of increasing soil vapor concentrations with depth and proximity to the local groundwater source during individual sampling events. Over the duration of the PGEPT, concentrations of TCE, the primary VOC in soil vapor, have trended downward in the monitoring zones at 7.5 and 102.5 ft, with no statistically significant trends for 52.5 and 137.5 ft below ground surface (bgs). In general, soil vapor chemical analytical data from samples collected at 600-SGW-5 in Project Year 10 have declined in comparison with the data from samples collected in previous project years.

NASA concludes that although PGW extraction at well 600-G-138 has not significantly reduced the volume of groundwater migrating through the well, it provides a significant contribution to the removal of contaminant mass from the 600 Area local aquifer. Based on the potential use for data from this project for PGW evaluation, NASA recommends that PGW extraction and monitoring at well 600-G-138 and soil vapor monitoring at well 600-SGW-5 be continued.

National Aeronautics and Space Administration

Interim Status Report for 600 Area Perched Groundwater Extraction Pilot Test

Project Year 10

April 2023

NM8800019434

NASA Johnson Space Center White Sands Test Facility

Interim Status Report for 600 Area
Perched Groundwater Extraction Pilot Test

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Executive Summary

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NASA concludes that although PGW extraction at well 600-G-138 has not significantly reduced the volume of groundwater migrating through the well, it provides a significant contribution to the removal of contaminant mass from the 600 Area local aquifer. Based on the potential use for data from this project for PGW evaluation, NASA recommends that PGW extraction and monitoring at well 600-G-138 and soil vapor monitoring at well 600-SGW-5 be continued.

Table of Contents

List of Acronyms

µg/L	Micrograms per litre
µg/m^3	Microgram per cubic meter
bgs	Below ground surface
btoc	Below top of casing
CFR	Code of Federal Regulations
COC	Contaminant of Concern
DL	Detection limit
DP	Discharge Plan
dtw	Depth to water
EPA	Environmental Protection Agency
ft	Feet/foot
GMP	Groundwater Monitoring Plan
GSA	Gardner Spring Arroyo
HHF	Hardscrabble Hill Fault
HWMU	Hazardous Waste Management Unit
ITRC	Interstate Technology and Regulatory Council
M-K	Mann-Kendall
MPITS	Mid-plume Interception and Treatment System
MSVM	Multiport Soil Vapor Monitoring Well
NASA	National Aeronautics and Space Administration
ND	Non-detect
NDMA	N-Nitrosodimethylamine
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
OLS	Ordinary Least Squares
PCE	Tetrachloroethene
PGEPT	Perched Groundwater Extraction Pilot Test
PGEPTWP	Perched Groundwater Extraction Pilot Test Work Plan
PGW	Perched groundwater
ROS	Regression on Order Statistics
SGW	Soil Gas Well
SRT	Seismic refraction tomography
SVE	Soil Vapor Extraction
TCE	Trichloroethene
TMRP	Targeted Mobile Remediation Process
VOC	Volatile organic compound(s)
WSTF	White Sands Test Facility

1.0 Introduction

The National Aeronautics and Space Administration (NASA) Johnson Space Center White Sands Test Facility (WSTF) is located in Doña Ana County, 18 miles northeast of Las Cruces, New Mexico and 65 miles north of El Paso, Texas. Figure 1.1 provides a WSTF location map.

WSTF's primary activities in support of the space program are:

1. Development, qualification, refurbishment, and testing of spacecraft propulsion systems, subsystems, and ground support equipment.

2. Investigation of flight hardware anomalies.

3. Testing of materials and components.

4. Performance of hazard and failure analyses.

Hazardous wastes are generated during the course of the testing and evaluation processes at WSTF. Following the completion of construction of WSTF in 1964, many wastes were historically managed in surface impoundments within the WSTF industrial area which contributed to groundwater contamination. There are five closed hazardous waste management units (HWMUs) at WSTF, including the 600 Area impoundments. The 600 Area HWMU was closed by NASA in August 1989 and was managed under the WSTF Post-closure Care Permit between the time of closure and November 2009, when management of the HWMUs was incorporated into WSTF's Hazardous Waste Permit (Permit; NMED, 2009). Figure 1.2 provides an aerial photograph of the Closure (600 Area Closure) with pertinent features identified including the local well network.

1.1 Background

1.1.1 600 Area Closure Investigations and Perched Groundwater Identification (2009 – 2013)

NASA performed a comprehensive investigation to the depth of the vadose zone at the 600 Area Closure in late 2009 and early 2010. During the investigation, perched groundwater (PGW) was unexpectedly identified on the top of the poorly fractured to non-fractured (competent) andesite bedrock surface near the north and east corners of the Closure (Figure 1.2) in two of eight soil borings installed. Grab samples of the PGW indicated trichloroethene (TCE) concentrations in excess of groundwater cleanup levels. Nitrate/nitrite and chloride were also detected in the grab samples, indicating that the nearby 600 Area Wastewater Lagoons could potentially be contributing to the PGW at this location. Specific information was provided in the *NASA White Sands Test Facility (WSTF) 600 Area Closure Investigation Report Provided in Response to a NMED Notice of Disapproval* submitted to the New Mexico Environment Department (NMED) on March 30, 2011 (NASA, 2011a). NMED approved the report on June 9, 2011 (NMED, 2011a).

In accordance with NMED's approval of the 600 Area Closure Investigation Report, NASA submitted the *600 Area Closure Soil Vapor Extraction (SVE) Pilot Test Work Plan* on September 1, 2011. NMED approved the *600 Area Closure Soil Vapor Extraction Pilot Test Work Plan* with a modification on October 28, 2011 (NMED, 2011b). NASA performed a soil vapor extraction (SVE) pilot test at the Closure in March 2012. In the final NMED-approved report on the SVE pilot test (NASA, 2012a), NASA proposed the development of an abbreviated work plan for extraction of contaminated PGW beneath the Closure. NASA submitted the *600 Area Perched Groundwater Extraction Pilot Test Work Plan* (PGEPTWP) on November 13, 2012 (NASA, 2012b). NMED approved the work plan on January 16, 2013 (NMED, 2013a) and directed NASA to begin extraction by February 22, 2013. NASA was unable to obtain approval from the New Mexico Office of the State Engineer to utilize groundwater monitoring well 600-G-138 as a pollution recovery well in time to meet the NMED deadline. This required NASA to request an extension of time for implementation of the pilot test (NASA, 2013), in which NASA proposed to initiate extraction of PGW by April 19, 2013. NMED approved this extension request on March 1, 2013 (NMED, 2013b).

1.1.2 Perched Groundwater Extraction Pilot Testing and Reporting (2013 – Present)

NASA initiated extraction of PGW in accordance with the approved work plan on April 19, 2013 and provided the results of groundwater extraction and associated groundwater and soil vapor monitoring in the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report* (NASA, 2014). In that report, NASA concluded that the presence of contaminated PGW beneath the Closure continued to contribute to volatile organic compounds (VOCs) in the soil vapor above the PGW and potentially throughout the 600 Area. NASA recommended continued extraction and monitoring of 600 Area PGW and soil vapor monitoring. NMED approved the report on August 14, 2014 (NMED, 2014) and directed NASA to continue PGW extraction and submit another project report within 30 days of the end of the second project year of the project.

NASA continued the extraction of PGW from monitoring well 600-G-138 between April 2014 and March 2015 and presented the results of the second project year in the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 2* on April 16, 2015 (NASA, 2015a). NASA again concluded that the extraction of PGW had not reduced the thickness of the PGW unit beneath the closure and that the presence of contaminated PGW continued to contribute to the presence of VOCs in the soil vapor of the vadose zone. NMED approved NASA's report on July 15, 2015 with modifications (NMED, 2015). NMED directed NASA to provide nitrate/nitrite analytical data in subsequent status reports and to develop and submit a potentiometric map of the area. The required information was included in all subsequent interim status reports beginning with the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 3*, submitted to NMED on April 14, 2016 (NASA, 2016a) and approved on November 17, 2016 (NMED, 2016a).

On April 26, 2017, NASA submitted the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 4* (NASA, 2017a), in which NASA recommended discontinuing the extraction of PGW from monitoring well 600-G-138. NMED issued the *Approval with Modification Interim Status Report for 600 Area Perched Groundwater Extraction Pilot Test* on September 15, 2017 (NMED, 2017c). NMED disagreed with NASA's recommendation and directed NASA to revise the investigation report to continue PGW extraction at monitoring well 600-G-138. NASA submitted *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 5* on May 3, 2018 (NASA, 2018a), which was approved by NMED on August 17, 2018 (NMED, 2018). The 600 Area Wastewater Lagoons standing water was removed by July 2017, and all sludge was removed by December 2018 (NASA, 2019c). NASA submitted the *600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 6* on April 30, 2019 (NASA, 2019a), which was approved by NMED on September 3, 2019 (NMED, 2019b). The Year 7 report was submitted on May 26, 2020 (NASA, 2020b) and approved by NMED on May 6, 2021 (NMED, 2021a). On April 29, 2021, NASA submitted the Year 8 report (NASA, 2021), which was approved on December 8, 2021 (NMED, 2021b). Most recently, the Year 9 report was submitted on April 26, 2022 (NASA, 2022a) and was approved by NMED on January 6, 2023 (NMED, 2023).

1.1.3 Perched Groundwater Investigation (2019 – 2022)

In the years following initial identification of PGW unit in the vicinity of the 600 Area Closure, NMED indicated that additional investigation was warranted and required NASA to develop and submit a work plan by December 31, 2015 (NMED, 2015). NASA submitted the *Additional Work Plan Requirements to Evaluate Potential Source of 600 Area Contamination* on November 25, 2015 (NASA, 2015b) and the required *Abbreviated Investigation Work Plan (AIWP) for the 600 Area Perched Groundwater* to NMED on July 7, 2016 (NASA, 2016b). NMED disapproved the Work Plan on November 30, 2016 (NMED, 2016b). NASA submitted the *Response to Disapproval of Abbreviated Investigation Work Plan for 600 Area Perched Groundwater* on December 22, 2016 (NASA, 2016c). NMED approved the revised version of the work plan on March 31, 2017 (NMED, 2017a). The revised work plan included a geophysical seismic survey for the area surrounding the Closure and associated installation of PGW wells based on the results of the survey.

On August 7, 2019, NASA submitted the *Request to Remove Electrical Resistivity Component of the 600 Area Perched Groundwater Geophysical Survey based on Geophysical Subcontractor Input Received during the Procurement Process* (NASA, 2019b). NMED approved the work scope modification request on August 23, 2019 (NMED, 2019a). NASA submitted the *Synopsis of the Findings of the 600 Area Closure Geophysical Seismic Refraction Tomography and Reflection Surveys with Revised Soil Boring Locations* on December 19, 2019 (NASA, 2019d). NMED approved the submittal with modifications on December 22, 2020 (NMED, 2020). The objective of the seismic survey was to image the bedrock surface to assist in refining optimal soil boring locations to target any depressions in the bedrock surface that preferentially channelize the PGW. Attempts to define the elevation of the bedrock-alluvial interface using seismic refraction tomography (SRT) and reflection methods to the level of accuracy required to meet the objective were not successful. The inability of the seismic survey to predict the elevation of bedrock in an area with a considerable amount of available soil boring and well borehole bedrock tags indicated that extending the existing geophysical seismic survey would not be beneficial.

The 600 Area PGW field investigation (NASA, 2022b) was conducted between October 2019 and May 2022 and in addition to the preliminary geophysical seismic survey of the bedrock surface included: the installation of soil borings, one of which was subsequently converted into a PGW unit monitoring well screened across the alluvial-andesite bedrock interface; a colloidal borescope flow vector evaluation; and the groundwater sampling of existing PGW wells. Six exploratory PGW soil borings (600-PGW-1 through 600-PGW-6) were initially installed at locations either where PGW had been previously identified or was inferred based on the results of the geophysical seismic survey. The bedrock elevations encountered at the six soil borings did not correlate well with the predicted bedrock elevations from the seismic survey (SRT and reflection) with discrepancies up to 50 feet (ft). The single location with acceptable correlation between the actual and predicted elevations of bedrock to the required level of resolution for the survey (ability to detect ≤ 5 ft channels) was soil boring 600-PGW-2 at the north corner of the 600 Area Closure. This was located adjacent to previously identified multiport soil vapor monitoring well (MSVM) well 600-SGW-8 where a ground truth bedrock elevation was available. Monitoring well 600A-001-GW was subsequently completed at this location (Figure 1.2).

A colloidal borescope flow vector evaluation was performed to evaluate the two available PGW wells (600-G-138 and 600A-001-GW) along with 12 other conventional monitoring wells within the adjacent fractured bedrock aquifer. Flow vectors generally conformed to the local pattern of groundwater bedrock aquifer and overlying PGW unit flow hypothesized for the 600 Area Closure. The flow directions suggested potential groundwater movement from the 200 Area along the strike of bedding plane solution channels southwest toward the 600 Area in the vicinity of Gardner Spring Arroyo (GSA). West of the Hardscrabble Hill Fault (HHF), flow into the poorly fractured volcanic bedrock at the junction of the two lithologies juxtaposed along this fault is predominantly toward the west under the influence of the strong hydraulic gradient on the bedrock pediment. The exception to westward flow at the HHF is the tangential south-southwest flow at the alluvial-bedrock interface reflected by the flow vector in PGW well 600-G-138, which is consistent with a potential 200 Area/GSA source (NASA, 2022b).

Groundwater sampling was performed at the two available PGW locations (wells 600-G-138 and 600A-001-GW). Preliminary groundwater analytical results for PGW well 600A-001-GW were not compatible to the suite of contaminants and higher concentrations identified within previously installed PGW well 600-G-138. Although an insight to PGW geochemistry was improved through the installation of well 600A-001-GW, data acquired did not improve the conceptualization of the upgradient PGW source and downgradient PGW migration pathways. Direct flow between the two existing PGW wells was considered unlikely based on available data due to: the shallow bedrock high identified between the two at well 600-SGW-3 (Figure 1.2); the preliminary colloidal borescope flow direction at well 600-G-138 toward the southwest; and differences in the groundwater analytical results (NASA, 2022b).

1.2 Objective and Scope

The objective of the PGEPT is to extract contaminated PGW using existing monitoring well 600-G-138 and to evaluate the impact of groundwater extraction on concentrations of VOCs in the vadose zone near that groundwater monitoring well. To achieve this objective, NASA has collected and managed groundwater and soil vapor samples from 600-G-138 and adjacent MSVM well 600-SGW-5 (Figure 1.2), respectively. The scope of the pilot test is limited to extracting PGW from existing monitoring well 600-G-138, treating the extracted PGW at the Mid-plume Interception and Treatment System (MPITS) as indicated in the MPITS Interim Measure Work Plan (NASA, 2008) and Discharge Permit (DP)-1255 (NMED, 2017b), and evaluating PGW samples from well 600-G-138 and soil vapor samples from well 600-SGW-5.

1.3 Contaminants of Concern

The potential groundwater contaminants of concern (COCs) for this investigation were identified in the PGEPTWP and consist of TCE, tetrachloroethene (PCE), chloroform, N-Nitrosodimethylamine (NDMA), nitrate/nitrite, and chloride. TCE, PCE, chloroform, and NDMA were identified as COCs for this investigation because treatment standards for these constituents are stipulated in DP-1255 (NMED, 2017b), which provides the requirements for discharging groundwater treated by the MPITS, including groundwater extracted from 600-G-138. Nitrate/nitrite and chloride were identified as COCs because of their presence in grab samples collected from 600-G-138 during the initial 600 Area Investigation. The primary COCs for soil vapor has been identified as TCE because concentrations of TCE in groundwater beneath the Closure exceed NMED regulatory cleanup levels (NASA, 2012b).

2.0 Scope of Activities

2.1 Perched Groundwater Extraction

On April 19, 2013, a non-dedicated purge pump was installed in groundwater monitoring well 600-G-138 for use in PGW extraction. Between April 2013 and March 2023, NASA has extracted an average of 159 gallons of contaminated PGW per month from 600-G-138. Table 2.1 provides the PGW volume extracted each month between April 2013 and March 2023, listed by Project Year. During Project Year 10 between April 2022 and March 2023 a total of 1,672 gallons of PGW were extracted. PGW extraction was reduced to 72 gallons for January 2023 and 83 gallons for February 2023 (both well below the average) due to reduced technician availability resulting from ongoing sewage lagoon field drilling & sampling support (using two drilling rigs on-site), cold temperatures, and Dewar refill issues.

The non-dedicated pump used to extract PGW from well 600-G-138 has failed twice: on May 9, 2018 (returned to service on August 29, 2018); and, on June 17, 2019 (replaced with a new non-dedicated pump system on November 15, 2019). PGW was not extracted at the times the pump was out of service. NASA has managed extracted groundwater in accordance with 40 Code of Federal Regulations (CFR) 262.17 and 20.4.1.300 New Mexico Administrative Code (NMAC) prior to transfer to the MPITS, where it was treated in accordance with the MPITS Interim Measure Work Plan (NASA, 2008) and discharged in accordance with DP-1255 (NMED, 2017b).

2.2 Groundwater Monitoring

Throughout the pilot test, groundwater samples have been collected quarterly from PGW monitoring well 600-G-138 (Figure 1.2) in accordance with the requirements of site-specific sampling procedures and the WSTF Groundwater Monitoring Plan (GMP) in effect at the time of each sampling. Prior to every PGW sample collection for Project Year 10, the standing water in the well casing was evacuated and the non-dedicated purge pump was removed. The water level was allowed to recover before groundwater samples were collected with a decontaminated Teflon®[1] bailer. Groundwater indicator parameters (pH, temperature, conductivity, and turbidity) were measured and recorded in the appropriate field logbook. The PGW was then dispensed into laboratory-provided sample containers, which were appropriately labeled and placed in cold storage. Samples were shipped to NASA's contracted off-site analytical laboratories for analysis. Samples were analyzed quarterly for VOCs, chloride, and nitrate/nitrite and annually for NDMA.

2.3 Soil Vapor Monitoring

In conjunction with PGW sampling at monitoring well 600-G-138, a comprehensive suite of soil vapor samples was previously collected from all nine MSVM wells at the 600 Area Closure (600-SGW-1 through 600-SGW-9) most recently in January 2019 (Figure 1.2). When comprehensive sampling is not performed, soil vapor well 600-SGW-5 is sampled quarterly in conjunction with groundwater sampling performed at PGW monitoring well 600-G-138. The monitoring zones of soil vapor wells are sampled in accordance with site-specific procedures for soil vapor sampling. Each monitoring zone, sampling port, and stainless-steel tubing is purged of entrained soil vapor with a non-dedicated surface vacuum pump to evacuate stagnant air from the soil vapor sampling implant and stainless-steel tubing connecting the implant to the surface sample collection fitting. Each MSVM well monitoring zone is purged for a minimum of five minutes per zone to evacuate at least three volumes of the ¼ inch tubing and soil vapor implant. Carbon dioxide, oxygen, and methane indicator parameters are monitored during the purging operation as these parameters are required to stabilize prior to sampling. Soil vapor samples are then collected in 1-liter stainless-steel SUMMA canisters provided by the analytical laboratory. Samples are labeled and placed in controlled storage prior to shipment to the contracted off-site analytical laboratory. Samples are analyzed for VOCs by Environmental Protection Agency (EPA) Method TO-15.

3.0 Pilot Testing Results

3.1 Field Results

3.1.1 Routine Perched Groundwater Extraction

Contaminated PGW is extracted routinely from groundwater monitoring well 600-G-138 using a non-dedicated purge pump. The pump is typically left deployed in the well to minimize groundwater

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[1] Teflon® is a registered trademark of The Chemours Company FC, LLC.

disturbance and decontamination requirements. When other groundwater monitoring projects require the use of this pump, it is removed from 600-G-138 and thoroughly decontaminated in accordance with established site-specific procedures for groundwater monitoring. After use, it is again decontaminated before being lowered back into 600-G-138. In general, PGW is pumped from the well twice each WSTF working day. The initial depth to groundwater (dtw) over the duration of pumping (Table 3.1) has ranged between a high of 144.80 ft below top of casing (btoc) on January 19, 2022 (3.18 ft thickness of PGW) and a low of 146.95 ft btoc on April 27, 2018 (1.03 ft thickness of PGW). The pump is activated and operated until it breaks suction when the water level draws down to the pump intake depth, generally located at approximately 148 ft btoc, which is coincidental with the depth of the bedrock surface. On average, 12 to 15 gallons of PGW are removed each pumping day through two purging events, one in the morning and one in the afternoon. PGW recovery is not monitored on a regular basis, although well 600-G-138 is observed to recover fully between the morning purge event and the afternoon purge event, which are separated by approximately four to six hours. A field evaluation performed at well 600-G-138 in August 2022 indicated that PGW recovers at approximately 0.23 gallons per minute (gpm) over a period of 30 minutes. Between April 2013 and March 2023, the thickness of the PGW unit in the well was not significantly impacted by routine daily purging.

3.1.2 Periodic Groundwater Monitoring

NASA performs periodic PGW monitoring in accordance with the approved PGEPTWP and GMP, which require that groundwater sampling be performed at 600-G-138 on a quarterly basis. At each sampling event, field measurements (groundwater indicator parameters) are collected prior to and following sample collection. Indicator parameters monitored during groundwater sampling events are provided in Table 3.1. For all Project Year 10 groundwater monitoring events in April 2022, July 2022, October 2022, and January 2023, NASA observed that initial depth to groundwater in the well casing was consistent at between 145.00 and 145.27 ft btoc, which is compatible with the depths reported during previous monitoring events. With the depth to andesite below the closure identified as approximately148 ft btoc, a constant thickness of approximately 3 ft of PGW is present on top of bedrock.

Local precipitation at WSTF was relatively high for 2017 (15.23 inches) and 2018 (11.04 inches), in contrast to preceding years (2010 through 2016) and the subsequent years (2019 and 2020) where recorded precipitation was below 10 inches. For 2021 (13.19 inches) and 2022 (13.43 inches) the local precipitation was again relatively higher. The observed variability in annual precipitation does not appear to significantly affect the measured thickness of the PGW. For 2022, the largest amount of rainfall was recorded in the month of August (4.77 inches) accounting for approximately 36 percent of the total annual rainfall based on WSTF rain gauge data at the 700 Area Landfill. The elevated rainfall did not result in any significant change in the initial PGW elevation for the October 2022 (145.27 ft btoc), or January 2023 (145.00 ft btoc) measurements.

3.1.3 Periodic Soil Vapor Monitoring

NASA also performed PGEPTWP-required quarterly soil vapor monitoring at MSVM well 600-SGW-5 (Figure 1.2) in conjunction with groundwater sampling. During each sampling event, soil vapor was purged from each monitoring port (7.5, 52.5, 102.5, and 137.5 ft below ground surface [bgs]) using a landfill gas monitoring instrument, which measures the percentage of oxygen, carbon dioxide, and methane in purged vapor. Purged vapor for the Project Year 10 sampling events ranged from 0.2 to 1.3 percent carbon dioxide, from 17.9 to 21.8 percent oxygen, and from 0.0 to 0.5 percent for methane.

3.1.4 Comprehensive Soil Vapor Monitoring Event

In the status report for Project Year 5 (NASA, 2018a), NASA recommended the collection of soil vapor samples from MSVM wells 600-SGW-2, 600-SGW-3, 600-SGW-4, 600-SGW-6, 600-SGW-7, and 600-SGW-8 in January 2019 to evaluate longer term and wider spread concentrations of COCs in soil vapor beneath and adjacent to the 600 Area Closure. NASA collected soil vapor samples from operational monitoring zones in MSVM wells 600-SGW-1, 600-SGW-2, 600-SGW-3, 600-SGW-4, 600-SGW-5, 600-SGW-6, 600-SGW-7, 600-SGW-8, and 600-SGW-9 in January 2019. During the sampling event, soil vapor was purged from each operational monitoring zone using a landfill gas monitoring instrument. Purged vapor ranged from 0.3 to 2.9 percent carbon dioxide, from 17.6 to 21.7 percent oxygen, and from 1.0 to 1.6 percent methane.

The VOC concentrations in MSVM wells 600-SGW-8 and 600-SGW-9 ranged from non-detect (ND) to extremely low (trace, <20 micrograms per cubic meter [$\mu g/m^3$]) and exhibited irregular concentrations with depth (Table 3.2). VOC concentrations in MSVM wells 600-SGW-1, 600-SGW-2, 600-SGW-3, 600-SGW-4, 600-SGW-6, and 600-SGW-7 were between 100 to 5,000 $\mu g/m^3$. Within these wells, VOC concentrations generally increased with depth and proximity to the local groundwater source (PGW or the deeper local aquifer where PGW is absent). In wells 600-SGW-2 and 600-SGW-6, monitoring zones at 107.5 ft and 102.5 ft bgs exhibited slightly higher TCE concentrations than the deepest vadose monitoring zone in each well. These wells are located adjacent to each other on the south corner of the 600 Area Closure, where a less permeable finer-grained soil horizon was identified at approximately 76 to 80 ft bgs at well 600-SGW-2 (NASA, 2011a). Soil vapor may accumulate below this interval, resulting in slightly elevated VOC concentrations within the monitoring zones just beneath the potential confining layer. All soil vapor concentrations were compared to the WSTF site-specific assessment for risk-based concentrations available at the time, that account for different soil vapor sampling depths below the Closure (NASA, 2020a).

3.2 Project Year 10 Chemical Analytical Results

3.2.1 Groundwater Monitoring Chemical Analytical Data

Chemical analytical results for the groundwater COCs from samples collected during the groundwater sampling events at monitoring well 600-G-138 for all project years including Project Year 10 are summarized in Table 3.3. All chemical analytical data for groundwater samples through Project Year 10 are provided in Appendix A.

3.2.2 Soil Vapor Monitoring Chemical Analytical Data

Chemical analytical results from soil vapor samples collected during the quarterly vapor sampling events at MSVM well 600-SGW-5 for all project years including Project Year 10 are summarized in Table 3.4. Analytical results for the sampling event performed on October 9, 2014, are not presented in the tables because there are no corresponding groundwater analytical data for that sampling event. The chemical analytical data from all 600-SGW-5 soil vapor samples associated with the PGEPTWP though Project Year 10 are provided in Appendix B. The chemical analytical data from all soil vapor samples collected during the January 2019 comprehensive sampling event discussed in Section 3.1.4 are provided in Appendix C.

3.2.3 Surface Water Chemical Analytical Data

In the July 15, 2015, *Approval with Modifications 600 Area Perched Groundwater Extraction Pilot Test Interim Status Report – Project Year 2*, NMED directed NASA to "…include the nitrate/nitrite water sample data from the lagoon" in future reports (NMED, 2015). Nitrate/nitrite data for samples collected from the adjacent 600 Area Wastewater Lagoons (east) and 100 Area Lagoons (north) are provided in Appendix D. NASA ceased wastewater discharge to the lagoons in July 2015 and collected the final set of water samples for waste characterization purposes in September 2015. No further chemical analytical data are available for the wastewater lagoons.

3.3 Statistical Trends

Both the well 600-G-138 groundwater and well 600-SGW-5 soil vapor COC data sets were used to perform ordinary least squares (OLS) regression or Mann-Kendall (M-K) trend tests using the most recent version of ProUCL software (5.2) to determine if there was a statistically significant trend in COC concentrations from Project Year 1 to the present (Project Year 10). OLS is a parametric test and used to determine if a linear temporal trend in the data exists. A best-fit straight line is determined from the data with a positive slope indicating an increasing trend, and a negative slope indicating a decreasing trend. The correlation coefficient, titled Pearson's *r*, describes the relation between the observed and calculated concentrations. The sign of *r* equates to the type of trend (positive for increasing and negative for decreasing), with the magnitude of *r* indicating the strength of the trend. The closer the absolute value of *r* is to 1, the stronger the trend (ITRC, 2013; EPA, 2009).

M-K trend tests are non-parametric, meaning that there are no assumptions regarding data distribution. Each sample is ordered by earliest to latest date, and then compared to every other sample in pairs for concentration change. The change is listed as a score, either -1, 0, or +1. The individual pair scores are summed to establish the M-K value (*S*), which will be negative, positive, or close to 0. The null hypothesis for the M-K trend test is no trend, meaning the concentrations randomly fluctuate around a constant population mean. In general, a positive *S* shows a potential increasing or upward trend, and a negative *S* shows a potential decreasing or downward trend (EPA, 2009; 2015; 2022). The level of confidence (expressed as a confidence coefficient) desired for the test is set prior to testing. The default confidence coefficient in ProUCL and accepted by NMED and EPA is 95 percent, or 0.95 with a significance level of 5 percent or 0.05. This means that there is an error rate of no more than 5 percent. The *p*-value represents the probability that the M-K test results are false when they are true (i.e., when the M-K shows a statistically significant trend when in reality there is no trend, but random fluctuations). If the *p*-value is less than or equal to 0.05 (the level of significance chosen), then the null hypothesis is rejected, meaning there is a statistically significant trend. The M-K *S*-value shows which trend (increasing for a positive *S* and decreasing for a negative *S*). If the *p*-value is greater than 0.05, then the null hypothesis is accepted, meaning there is not enough evidence of a trend at the significance level chosen (EPA, 2009). ProUCL, Version 5.2 software generates the graph, the statistical output, and the interpretation of the M-K test results. Appendix E contains data output files and the M-K graphs. Enclosure 3 of this submittal includes the data input files in Excel spreadsheets.

3.3.1 Groundwater Trends

Due to normally distributed data, constant variance, OLS regression was performed for groundwater concentrations in well 600-G-138 for COCs chloroform and chloride. TCE and nitrate/nitrite were not distributed normally, so M-K trend tests were completed. PCE and NDMA were not detected in groundwater at well 600-G-138 during the PGW pilot study, and therefore neither OLS regression nor M-K were not performed for those COCs.

All four COCs (TCE, chloride, nitrate/nitrite, and chloroform) tested displayed statistically significant decreasing or downward trends in COC concentrations. Chloride showed a strongly decreasing trend with a large negative *r*-value (-0.7982 and a *p*-value of 0), while chloroform showed smaller magnitude decreasing trend (*r*-value of -0.4443 and a *p*-value of 0.0036). M-K trend results for nitrate/nitrite showed a statistically significant downward trend, with TCE showing a strongly decreasing trend (S-values of -260 and -603, respectively). M-K trend tests were also completed for chloride and chloroform for comparison purposes. The M-K trends agreed with OLS regression results (*S*-values of -457, and -268). This indicates that COC concentrations within the PGW are decreasing over time (Appendix E).

3.3.2 Soil Vapor Trends

OLS regression (for normally distributed data) or M-K trend tests (for non-normally distributed data) were performed for chloroform and TCE soil vapor concentrations within well 600-SGW-05. Since the regression line in OLS regression represents the population mean and M-K hypothesizes no trend (that concentrations will fluctuate around a constant population mean) it is important that the mean (or median) be determined by detections and not influenced by NDs (EPA, 2009). To ensure this, NASA did not perform OLS regression or M-K trend tests on data sets with greater than 50 percent NDs. Therefore, no OLS regression or M-K trend tests were completed for PCE at all depths (with percent NDs of 53, 61, 61, and 83). For use in OLS regression and M-K trend tests, NDs cannot be replaced using Kaplan-Meier or regression on order statistics (ROS) censoring methods. This is because both Kaplan-Meier and ROS assume a stable population, and a trend test may not have a stable population. Therefore, a form of simple substitution or not using NDs are the only options for use in trend tests with NDs (EPA, 2009; ITRC, 2013). ProUCL guidance recommends replacing all NDs for use in trend tests with a single value lower than the lowest detection limit (DL). Multiple DLs cannot be input, or the trend test is invalid (it would be seeing trends in DLs instead of detected values; EPA, 2015; 2022). However, this method only works for NDs with low DLs. NDs with elevated DLs may be outliers from errors or dilution effects. It is recommended that high concentration outliers be deleted from the data set for use in M-K tests (Cameron, 2017). The OLS regression method is similar and is sensitive to outliers. Since it is important to have a regression that is representative of the data (and not NDs), outliers should be removed (EPA, 2009). A box plot of chloroform at 7.5 ft depth shows outliers (Appendix E). Therefore, for chloroform at 7.5 ft, two outliers were removed (ND with a DL of 16 $\mu g/m^3$ and ND with DL of 7.7 $\mu g/m^3$). All other NDs for the 7.5 ft data were replaced with 0.27 $\mu g/m^3$, a DL lower than any detection. For TCE at 137.5 ft bgs, only one ND was present. This value was replaced with 0.55 $\mu g/m^3$, a value lower than the lowest detection (Enclosure 3, Excel input file).

A goodness-of-fit test was performed for soil vapor COCs chloroform and TCE (Appendix E). Both chloroform and TCE at depths of 52.5 ft and 102.5 ft, were normally distributed. Therefore, OLS regression was performed for those COCs/depths. M-K trend tests were completed for chloroform and TCE at all depths. For chloroform in soil vapor at 7.5 ft bgs, there was insufficient statistical evidence of a significant trend in the M-K graph (S-value of -94). The null hypothesis was accepted, meaning that there was no trend. However, chloroform at both 52.5 ft and 102.5 ft bgs resulted in statistically significant decreasing trends. For chloroform at 52.5 ft, the *r*-value was -0.5509, showing a moderate decreasing trend. M-K results for that depth indicate a strong decreasing trend with a strongly negative *S*-value (- 450) and a *p*-value of zero. For chloroform at 102.5 ft bgs, the OLS regression shows a decreasing trend as well (*r*-value of -0.4568, *S*-value of -361 and a *p*-value of zero [less than 0.05 shows a trend]). For chloroform at 137.5 ft bgs, no clear trend was present (*S*-value of 27 and a *p*-value greater than 0.05 (0.3798); Appendix E).

As shown on the TCE soil vapor M-K plot (Appendix E), a statistically significant decreasing or downward trend was present at 7.5 ft bgs (with negative M-K test values [-332], and *p*-values less than 0.05 [0.0003]) and at 137.5 ft (*S*-value of -182 and *p*-value of 0.0199). OLS regression results for TCE at 52.5 and 102.5 ft bgs showed strongly decreasing trends (*r*-values of -0.7147 and -0.6521 with *p*-values of 0.0000). M-K trend tests agreed (*S*-values of -515 and -466, respectively; Appendix E).

4.0 Conclusions and Recommendations

4.1 Recent Developments

The 600 Area PGW field investigation conducted between October 2019 and May 2022 included the installation of PGW monitoring well 600A-001-GW screened across the alluvial-andesite bedrock interface (NASA, 2022b). Recent fieldwork for the sewage lagoons soil boring investigation performed in early February through March 22, 2023 has subsequently improved the potential to conceptualize the 600 Area PGW unit. During the installation of two deep soil borings to bedrock, both locations positively identified PGW on top of the andesite bedrock surface and were converted to PGW monitoring wells. Well 600A-003-GW was installed on the west side of the 600 Area Overflow Lagoons and well 600A-004-GW within the north cell of the 100 Area Lagoons (Figure 1.2). As a result, the 600 Area PGW unit appears to be available for study (pending final development activities) in four monitoring wells (600-G-136, 600A-001-GW, 600A-003-GW, and 600A-004-GW). The channelized PGW unit and dispersed nature of PGW wells in the 600 Area is hypothesized to reflect preferential flow along depressions carved by erosion. NASA is currently researching additional strategies that may be available to further evaluate the 600 Area PGW unit.

4.2 Conclusions

The cumulative total volume of PGW extracted and treated from WSTF well 600-G-138 over the 10 project years of the pilot study is 19,127 gallons (Table 2.1), with 1,672 gallons specifically extracted for Project Year 10. Field measurements of the PGW depth in monitoring well 600-G-138 (Table 3.1) over the 10-year project duration of the PGEPT show that groundwater extraction has not significantly reduced the average thickness of PGW on top of andesite bedrock at approximately 3 ft over the evaluation period. The adjacent 600 Area Wastewater Lagoons were drained by July 2017 (NASA, 2019c), and no longer contribute potential infiltration to the area. The annual rainfall for 2022 was above average at 13.43 inches but did not significantly affect the thickness of the PGW even during the period of highest precipitation in August (4.77 inches) that accounted for approximately 36 percent of the total annual rainfall.

Chemical analytical data presented in Section 3.2 and the M-K trends and OLS regressions (Appendix E) show that the concentrations of TCE, chloride, nitrate/nitrite and chloroform in groundwater have been declining over the ten project years of the PGEPT. Concentrations of nitrate/nitrite in PGW samples from 600-G-138 (Table 3.3) for Project Year 10 currently approximate the New Mexico maximum concentration limit of 10 mg/L, which is high compared to most of the WSTF groundwater contaminant plume. The nearby former 600 Area Wastewater Lagoons may have contributed to the existence and composition of PGW in the area. The declining trend in both chloride concentrations by approximately 30 percent and nitrate/nitrite concentrations by approximately 20 percent (Table 3.3) over the ten PGEPT project years and the statistically significant decreasing trends shown by the OLS regression and M-K graphs may indicate a lessening in the impact of infiltration from the 600 Area Wastewater Lagoons following their removal.

The TCE concentrations in PGW have shown declines of between 60 to 70 percent over the 10-year duration of the PGEPT (from approximately 100 to 110 µg/L in Project Year 1 to 30 to 40 µg/L in Project Year 10), and a statistically significant decreasing OLS regression and M-K trend. The lower the p-value, the more confidence in the result, and the TCE OLS regressions (and M-K trend test) had p-values at 0 or close to 0 (except at 137.5 ft at 0.0199). Concentrations of TCE in the upgradient aquifer of the 200 Area that may be a source of the 600 Area PGW have also declined significantly in recent years. A significant reduction of TCE of approximately 86 percent between 1990 through 2023 has been observed within well 200-D-240, and approximately 74 percent between 2007 through 2023 at adjacent well 200-SG-1 (NASA, 2023a). Chloroform concentrations in PGW measured during the PGEPT also show a decreasing trend over the ten years of the PGEPT at 52.5 ft and 137.5 ft. PCE and NDMA have remained undetected in groundwater at well 600-G-138 throughout the project.

Continued PGW extraction at well 600-G-138 has not significantly affected the volume of groundwater migrating through the well. The reduction in the COC concentrations in groundwater samples is inferred to be the result of reduced infiltration of nitrates/nitrites following removal of the 600 Area Wastewater Lagoons, in conjunction with declining VOC concentrations associated with the migrating contaminated groundwater from upgradient locations in the 200 Area (NASA, 2023a). The extraction of PGW from well 600-G-138 is contributing to the removal of contaminant mass from the 600 Area local aquifer. Although the contaminant mass removed over the duration of the pilot test is relatively low compared to other wells in the network, data obtained during this pilot test supported the development of NASA's November 1, 2018, *Targeted Mobile Remediation Process Pilot Test Work Plan* (NASA, 2018b).

Declining concentrations of the PGW COCs appear to have had an effect on reducing the concentrations of COC in soil vapor measured at adjacent MSVM well 600-SGW-5 (Table 3.4). The slightly declining concentration trends are shown in the Appendix E soil vapor M-K graphs, which provide graphical summaries of the detected concentrations of TCE and chloroform in soil vapor at well 600-SGW-5 over the duration of PGW extraction at well 600-G-138. For these two contaminants, well 600-SGW-5 also shows a relationship for increasing contaminant concentrations with depth during single sampling events as evidenced by the plots for individual sampling ports located at 7.5, 52.5, 102.5, and 137.5 ft bgs. This trend would be anticipated due to the confirmed presence of contaminated shallow PGW at this location. Over the ten project years of the PGEPT, concentrations of TCE, the primary VOC in soil vapor, trend slightly downward in the monitoring zones at 7.5, 52.5, 102.5, and 137.5 ft bgs (Table 3.4). Concentrations of chloroform are relatively stable in the four soil vapor monitoring zones of MSVM well 600-SGW-5. In general, soil vapor chemical analytical data from samples collected at 600-SGW-5 has statistically significantly declined over time for TCE in shallow and intermediate zones and for chloroform in intermediate zones (Appendix E). PCE has generally remained at trace concentrations or is undetected in soil vapor at well 600-SGW-5.

NASA concludes that the presence of contaminated PGW with declining concentrations of the COCs beneath the Closure continues to contribute to overlying soil vapor in the vadose zone. The reduction in concentrations within the upgradient 200 Area that is hypothesized to source the 600 Area PGW appears to have had an impact on COC concentrations in soil vapor. Declining concentrations of the PGW COCs may have a potentially delayed effect on reducing the concentrations of COCs in soil vapor.

4.3 Recommendations

To continue remediating groundwater and providing data for the larger scale investigation of 600 Area PGW (NASA, 2016b), NASA recommends that the extraction of contaminated PGW from monitoring well 600-G-138 be continued for Project Year 11 in accordance with the 600 Area PGEPTWP (NASA, 2012b). Groundwater and soil vapor samples will continue to be collected quarterly from PGW monitoring well 600-G-138 and MSVM well 600-SGW-5, respectively. NASA is also evaluating the possibility of incorporating the extraction of PGW at well 600-G-138 into the ongoing Targeted Monitoring Remediation Process (TMRP) project as presented in the *TMRP Phase 2 Pilot Test Work Plan* (NASA, 2023b) and may request to adjust or discontinue the PGW extraction strategy accordingly for monitoring well 600-G-138 in future project years.

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Figures

Figure 1.1 **WSTF Location Map**

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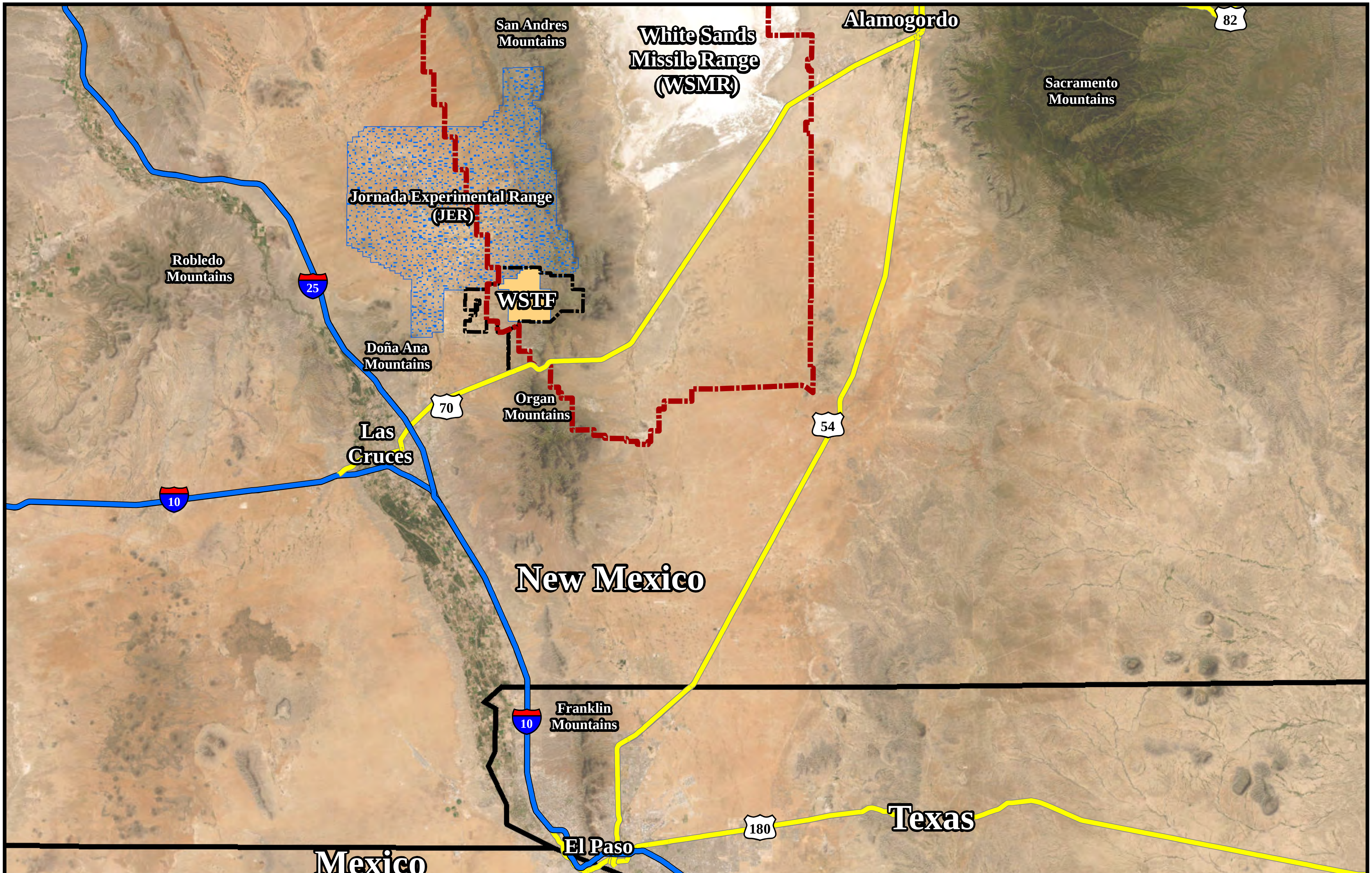

WSTF Location Map

NASA Johnson Space Center
White Sands Test Facility
Las Cruces, New Mexico

Coordinate System:
NAD 1983 StatePlane New Mexico Central FIPS 3002 Feet

G:\Projects\environmental\PMR\2023\1stQuarter

WSMR Boundary
WSTF Boundary
WSTF Industrial Area
Jornada Experimental Range (JER)

1 in = 12 miles

Miles
0 6 12 24

N
W E
S

April 2023

Figure 1.2 **Map of 600 Area Closure**

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600 Area Closure Perched Groundwater Boring Locations

NASA Johnson Space Center
White Sands Test Facility Las Cruces,
New Mexico

Coordinate System:
NAD 1983 StatePlane New Mexico Central FIPS 3002 Feet

G:\Projects\environmental\600AreaProjects\600_PerchedGW
\600PGW_AquiferTest_WP

- Perched Groundwater Monitoring Well
- Conventional Monitoring Well
- Soil Vapor Test Well
- Westbay Multiport Well
- Piezometer
- Multiport Soil Vapor Monitoring Well
- Abandoned Perched Groundwater Exploratory Boring
- Perched Groundwater Identified
- Hardscrabble Hill Fault
- Post Closure Care
- RCRA Area

NASA

1 inch = 150 feet

0 150 300 Feet

N W E S

April 2023

Tables

Table 2.1 Volume of Perched Groundwater Extracted from 600-G-138 (gallons)

	Project Year 1 (4/2013-3/2014)	**Project Year 2 (4/2014-3/2015)**	**Project Year 3 (4/2015-3/2016)**	**Project Year 4 (4/2016-3/2017)**	**Project Year 5 (4/2017-3/2018)**	**Project Year 6 (4/2018-3/2019)**	**Project Year 7 (4/2019-3/2020)**	**Project Year 8 (4/2020-3/2021)**	**Project Year 9 (4/2021-3/2022)**	**Project Year 10 (4/2022-3/2023)**
April	85	191	132	208	125	188	217	201	210	100
May	319	197	161	249	207	48	172	195	191	175
June	255	283	201	219	194	0	86	246	238	167
July	146	285	271	167	166	0	0	227	182	135
August	142	275	210	230	158	42	0	267	222	205
September	65	199	226	149	205	161	0	235	135	154
October	29	236	179	171	250	229	0	180	223	168
November	74	197	155	144	0	120	69	186	230	117
December	76	203	120	91	0	151	140	172	283	133
January	215	164	141	130	0	115	158	101	27	72
February	170	164	143	182	0	174	104	183	110	83
March	294	216	205	140	203	198	218	180	229	163
Total Extracted per Year	**1,870**	**2,610**	**2,144**	**2,080**	**1,508**	**1,426**	**1,164**	**2,373**	**2,280**	**1,672**
Cumulative Total	**1,870**	**4,480**	**6,624**	**8,704**	**10,212**	**11,638**	**12,802**	**15,175**	**17,455**	**19,127**

Table 3.1 Groundwater Indicator Parameters Measured at 600-G-138

	Date	DTW (ft btoc)		pH		Conductivity (µS/cm)		Temperature (°C)		Turbidity (NTU)	
		Initial	Final	Initial	Final	Initial	Final	Initial	Final	Initial	Final
Project Year 1	4/5/2013	145.65	NA	7.63	7.71	2,120	2,110	21.3	22.8	5.73	4.53
	7/16/2013	145.3	NA	6.96	6.94	2,180	2,210	20.8	20.7	0.89	0.96
	10/31/2013	145.46	NA	7.70	7.76	1,959	1,975	20.8	20.2	1.62	13.3
	11/13/2013	145.48	NA	7.68	7.81	2,270	2,320	19.3	19.8	1.59	1.30
	1/29/2014	145.36	NA	7.18	7.26	1,849	1,837	19.5	19.6	18	17.2
Project Year 2	4/21/2014	145.43	148.12	7.54	7.37	897	913	21.2	21.5	0.98	0.67
	7/30/2014	145.52	147.50	6.71	6.76	2,200	2,220	28.4	28.1	5.81	4.65
	11/20/2014	145.21	147.87	8.49	8.31	2,200	2,240	18.3	18.1	2.51	1.71
	1/28/2015	145.18	147.93	8.29	8.16	1,936	1,922	21.0	21.3	0.68	1.00
Project Year 3	4/16/2015	145.29	147.81	7.58	7.67	1,941	1,959	23.3	23.6	7.45	6.13
	8/4/2015	145.22	147.89	8.19	8.07	1,915	1,928	28.1	27.9	1.96	1.10
	10/22/2015	145.26	147.85	7.66	7.58	1,896	1,909	19.0	19.4	1.10	1.18
	1/20/2016	145.21	148.00	8.25	8.36	1,856	1,844	18.7	18.6	1.75	0.93
Project Year 4	4/20/2016	145.19	147.48	7.61	7.57	1,867	1,873	18.9	17.1	1.54	1.49
	7/13/2016	145.13	147.68	7.23	7.38	1,922	1,908	26.2	26.5	0.93	0.74
	12/6/2016	145.14	146.85	8.41	8.3	2,080	2,140	17.4	18.0	6.67	4.80
	1/18/2017	145.16	147.63	7.74	7.64	2,000	2,020	16.2	16.5	0.98	0.80

	Date	DTW (ft btoc)		pH		Conductivity (µS/cm)		Temperature (°C)		Turbidity (NTU)	
		Initial	Final	Initial	Final	Initial	Final	Initial	Final	Initial	Final
Project Year 5	4/24/2017	145.14	147.22	7.50	7.38	1,861	1,890	27.4	26.8	5.78	2.90
	7/31/2017	145.30	147.64	7.52	7.70	1,843	1,851	26.7	27.3	2.46	2.35
	10/27/2017	144.95	147.33	7.10	6.86	1,774	1,791	17.6	17.9	2.35	1.94
	3/6/2018	145.40	146.57	7.84	7.70	1,840	1,852	21.6	21.9	3.23	2.89
Project Year 6	4/27/2018	146.95	NA	8.27	8.11	1,850	1,868	19.6	19.4	2.42	2.02
	8/15/2018	146.00	147.67	7.02	6.97	1,873	1,876	26.4	26.3	3.45	3.62
	10/24/2018	146.70	NA	7.65	7.78	1,920	1,911	19.9	20.4	28.6	26.4
	1/28/2019	145.20	147.48	7.28	7.35	1,647	1,652	21.7	21.7	8.56	9.02
Project Year 7	5/2/2019	145.38	147.96	7.74	7.62	1728	1750	23.2	23.8	14.7	8.6
	7/23/2019	145.12	147.13	7.58	7.51	1769	1780	20.1	19.8	2.67	1.94
	10/30/2019	144.98	145.16	7.5	7.43	1704	1692	19.6	19.4	3.74	2.75
	1/17/2020	145.10	145.47	7.87	7.68	1698	1709	14.4	14.9	1.98	1.4
Project Year 8	4/27/2020	145.00	146.12	7.70	7.63	1805	1815	23.0	23.2	2.51	1.94
	7/22/2020	144.96	145.38	7.65	7.49	1744	1765	22.4	22.7	1.79	1.48
	10/29/2020	144.98	145.50	7.59	7.41	1780	1750	20.8	21.0	1.17	1.13
	1/19/2021	145.02	145.36	8.00	7.91	1865	1876	18.3	18.0	13.20	11.80
Project Year 9	4/27/2021	145.00	145.61	7.76	7.68	2420	2440	20.1	19.8	17.6	8.75
	7/27/2021	145.10	147.10	7.81	7.90	1976	1964	23.5	23.4	13.10	10.20
	10/21/2021	145.00	145.60	7.85	7.95	1699	1714	18.6	18.8	1.71	1.64
	1/19/2022	144.80	145.27	7.82	7.94	1651	1658	20.9	21.2	4.23	3.13

	Date	DTW (ft btoc)		pH		Conductivity (µS/cm)		Temperature (°C)		Turbidity (NTU)	
		Initial	Final	Initial	Final	Initial	Final	Initial	Final	Initial	Final
Project Year 10	4/20/2022	145.00	145.00	7.73	7.58	2260	2260	18.2	18.8	0.59	1.49
	7/26/2022	145.00	145.19	7.75	7.70	2130	2130	22.5	23.1	0.70	0.74
	10/25/2022	145.27	145.35	7.85	7.92	1972	1979	20.4	20.6	1.57	1.34
	1/25/2023	145.00	144.90	8.12	8.33	1653	1633	17.0	16.8	1.35	5.86

Notes:
Well 600-G-138 top of casing stickup = 1.98 ft above ground surface.

Table 3.2 Summary of Soil Vapor Chemical Analytical Results for January 2019 Comprehensive Sampling Event

Well with Port Depth	TCE ($\mu g/m^3$)	PCE ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	WSTF RBC TCE/Chloroform ($\mu g/m^3$)
600-SGW-1-12.5	1,000	<3.1	45	2,300/1,200
600-SGW-1-57.5	1,200	<5.5	50	9,100/4,700
600-SGW-1-117.5	900/1,300 QD	2.5/<4.4 J	41/43	18,000/9,100
600-SGW-2-12.5	440	<4.9	20 J	2,300/1,200
600-SGW-2-47.5	3,700	<44	55 J	9,100/4,700
600-SGW-2-107.5	8,000	<45	<46	18,000/9,100
600-SGW-2-150	6,700	<44	<46	26,000/13,000
600-SGW-3-12.5	270	<1.7	21	2,300/1,200
600-SGW-3-57.5	390	<1.3	28	9,100/4,700
600-SGW-3-107.5	590	<1.7	59	18,000/9,100
600-SGW-3-137.5	4,400	<48	74 J	26,000/13,000
600-SGW-4-12.5	260	<4.9	16 J	2,300/1,200
600-SGW-4-47.5	26/340 QD	<9.5/<0.55	12/4.9 J	9,100/4,700
600-SGW-4-107.5	380	<2.8	7.3 J	18,000/9,100
600-SGW-4-142.5	720	<23	<24	26,000/13,000
600-SGW-5-7.5	53	<0.29	2.1	1,500/810
600-SGW-5-52.5	1,200	1.3 J	68	9,100/4,700
600-SGW-5-102.5	1,500	<3.7	79	18,000/9,100
600-SGW-5-137.5	12,000	<44	81 J	26,000/13,000
600-SGW-6-7.5	160	<1.1	2.2 J	1,500/810
600-SGW-6-52.5	4,700	<53	<55	9,100/4,700
600-SGW-6-102.5	5,900	<110	<110	18,000/9,100
600-SGW-6-147.5	3,000	<53	<55	26,000/13,000
600-SGW-7-7.5	6.8	<0.52	<0.54	1,500/810
600-SGW-7-62.5	210	<2.6	<2.7	9,100/4,700
600-SGW-7-102.5	340	<6.3	<6.4	18,000/9,100
600-SGW-7-152.5	2,800/2,900 J	<1,000/<1,000	1,100*/1,100	26,000/13,000
600-SGW-8-7.5	17 J	<5.5	<5.6	1,500/810
600-SGW-8-52.5	2.6/5.4	<0.29/<0.27	<0.29/0.28	9,100/4,700
600-SGW-8-102.5	3	<0.27	0.37 J	18,000/9,100
600-SGW-8-145.5	<4.7	<4.5	<4.6	26,000/13,000

Well with Port Depth	TCE ($\mu g/m^3$)	PCE ($\mu g/m^3$)	Chloroform ($\mu g/m^3$)	WSTF RBC TCE/Chloroform ($\mu g/m^3$)
600-SGW-9-7.5	7.6	<0.27	<0.28	1,500/810
600-SGW-9-40	28	22	<0.28	4,900/2,500
600-SGW-9-80	0.64 J	<0.31	0.32	9,100/4,700
600-SGW-9-120	<16	<16	<16	18,000/9,100

Two values in the results column indicates that a field duplicate sample was collected and analyzed.
J – Indicates that result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
QD – Indicates that relative percent difference for a field duplicate was outside standard limits.
Bold indicates exceedance of current residential WSTF RBC in Table 2b (NASA, 2020a).

Table 3.3 Summary of Groundwater Chemical Analytical Results at 600-G-138

	Date	TCE (µg/L)	PCE (µg/L)	Chloroform (µg/L)	NDMA (µg/L)	NO2/NO3 (mg/L)	Chloride (mg/L)
Project Year 1	4/5/2013	**99**	<0.3	0.63 J	**<0.0044**	**12.3**	266
	7/16/2013	**81/86**	<0.3/<0.3	0.5/0.54 J	**<0.0044**	**13.5**	281
	10/31/2013	**100**	<0.3	0.73 J	**<0.019**	**12.9**	292
	11/13/2013	**110**	<0.3	0.68 J	+	+	+
	1/29/2014	**100/100**	<0.3/<0.3	0.61/0.65 J	**<0.019**	**12**	238
Project Year 2	4/21/2014	**88**	<0.3	0.61 J	**<0.0047**	**12**	242
	7/30/2014	**44**	<0.3	0.51 J	NA	**12.8**	265
	11/20/2014	**65**	<0.3	0.56 J	NA	**12.6**	282
	1/28/2015	**110**	<0.3	0.83 J	NA	**11.3**	221
Project Year 3	4/16/2015	**82**	<0.3	0.54 J	**<0.019**	**11.8**	226
	8/4/2015	**99**	<0.3	0.77 J	NA	**11.2**	238
	10/22/2015	**63/63**	<0.3/<0.3	0.7/0.64 J	NA	**11.1**	233
	1/20/2016	**65/70**	<0.3/<0.3	0.7/0.73 J	NA	**10.1**	232
Project Year 4	4/20/2016	**80/81**	<0.3/<0.3	0.67/0.76 J	**<0.0048**	**11.2**	214
	7/13/2016	**74**	<0.3	0.72 J	NA	**11.4**	238
	12/6/2016	**70**	<0.3	0.6 J	NA	**11.3**	253
	1/18/2017	**84**	<0.3	0.68 J	NA	9.98	251/249
Project Year 5	4/24/2017	**57**	<0.3	0.65 J	**<0.0097**	**12**	241
	7/31/2017	**57/59**	<0.3/<0.3	0.81/0.74 J	NA	**12.5**	141
	10/27/2017	**56**	<0.3	0.65 J	NA	6.81	169
	3/6/2018	**63/65**	<0.3/<0.3	0.77/0.65 J	NA	**11**	205

	Date	TCE (µg/L)	PCE (µg/L)	Chloroform (µg/L)	NDMA (µg/L)	NO2/NO3 (mg/L)	Chloride (mg/L)
Project Year 6	4/27/2018	**50**	<0.3	0.83 J	**<0.048**	**11.1**	207
	8/15/2018	**47/52**	<0.28/<0.28	1.2/1.2	NA	**10.2**	236
	10/24/2018	**40**	<0.28	0.57 J	NA	**10.6**	212
	1/28/2019	**51**	<0.28	0.71 J	NA	**10.8**	164
Project Year 7	5/2/2019	**43**	<0.21	0.58 J	**<0.019**	**10.7**	171
	7/23/2019	**51**	<0.21	0.63 J	NA	**11.9**	177
	10/30/2019	**45**	<0.21	0.47 J	NA	9.09	214
	1/17/2020	**52**	<0.21	0.68 J	NA	**10.2**	185/182
Project Year 8	4/27/2020	**41**	<0.21	0.64 J	**<0.048**	9.43	182
	7/22/2020	**43**	<0.21	0.45 J	NA	**12.3**	179
	10/29/2020	**33**	<0.21	0.27 J	NA	**11.1**	168
	1/19/2021	**36**	<0.21	0.50 J	NA	**11.0**	173
Project Year 9	4/27/2021	**40**	<0.21	0.51 J	**<0.1**	**11.5**	205
	7/27/2021	**37**	<0.21	0.26 J	NA	**12.4**	221
	10/21/2021	**32**	<0.21	0.52 J	NA	9.43	161
	1/19/2022	**31/32**	<0.21/<0.21	0.27/0.28 J	NA	**11.2**	166
Project Year 10	4/20/2022	**37/38**	<0.21/<0.21	<0.24/<0.24	**<0.0047**	**11.2**	177
	7/26/2022	**41/39**	<0.21/<0.21	<0.48 J/<0.48 J	NA	**11.8**	188
	10/25/2022	**36/33**	<0.21/<0.21	0.60 J/0.52 J	NA	**10.9**	159
	1/25/2023	**33**	<0.21	<0.51	NA	5.32	137

Note: Two values in the results column indicates that a field duplicate sample was collected and analyzed.

	Date	TCE (µg/L)	PCE (µg/L)	Chloroform (µg/L)	NDMA (µg/L)	NO2/NO3 (mg/L)	Chloride (mg/L)

J – Indicates the result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.

NA – Indicates that the analyte was not monitored for the event. NDMA samples are collected annually in accordance with the approved GMP (NASA, 2022c).

< – Indicates that the analyte was not detected above the detection limit.

+ – Indicates that samples were not collected for the specified analysis during this event. The 11/13/13 sampling event was performed in order to obtain results for VOCs that could be used in conjunction with soil vapor analytical results from sampling performed the same day. Additional results for NDMA, NO2/NO3, and chloride were not required for this comparison, so additional samples were not collected.

Groundwater cleanup levels: TCE 4.9 µg/L; PCE 5 µg/L; Chloroform 2.2 µg/L; NDMA 0.0011 µg/L; and Nitrite/Nitrate 10 mg/L (from the GMP; NASA, 2022c); and chloride 250 mg/L (WQCC MCL).

Bold indicates exceedance of groundwater regulatory limit.

Table 3.4 Summary of Soil Vapor Chemical Analytical Results at 600-SGW-5 (results in µg/m^3)

WSTF RBC		860	2,300	450	8,500	230,000	4,400	17,000	460,000	8,800	25,000	690,000	13,000
		600-SGW-5-7.5			600-SGW-5-52.5			600-SGW-5-102.5			600-SGW-5-137.5		
	Date	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form
Project Year 1	3/25/13	17	<0.46	0.63 J	2,100	<14	88	2,500	<26	100 J	16,000	<460	<540
	7/16/13	8.7 FB	<0.54	<0.65	2,600 D	1.8 J	94 A	650/ 1,800 D	2.8/2.8	110/ 110 A	140	1.3 J FB	5.8 A
	11/13/13	170	<2.7	5.4 J	2,400	<14	100	2,500	<27	100	15,000	<380	<460
	1/29/14	85	<0.49	2.2	2,400	<7.1	90	1,400	<4.9	58	14,000	<64	110 J
Project Year 2	4/21/14	82	<1.6	3 J	1,500	<3.3	67	1,700 D	2.5 J	82	14,000	<410	<490
	7/30/14	77	6.1 FB	3.3	2,200	<9.4	99	3,000	<15	120	11,000	<210	<260
	11/20/14	65	<6.3	2.2 J	1,500	<12	72	2,000	<13	86	10,000	<350	<430
	1/28/15	25	<1.1	<1.4	460	<1.2	22	330	<2.3	15	710	<12	<14
Project Year 3	4/16/15	37	<2	<2.4	300[1]	<0.56[1]	13[1]	2,700[1]	<15[1]	110[1]	<1.9	<1.9	<2.3
	8/4/15	48	0.77 J FB	1.7 J	1,700 D	<4.4	85	1,700 D	<4.6	100	13,000/ 15,000	<45/ <92	120/ 140 J
	10/22/15	50	<0.71	1.5 J	1,300	<9	54	1,600	<3.8	68	14,000	<170	<210
	1/20/16	150	<0.57	5.4	1,600/ 1,700	<11/ <9	77/84	1,800	<15	81	16,000	<240	<290

WSTF RBC		860	2,300	450	8,500	230,000	4,400	17,000	460,000	8,800	25,000	690,000	13,000
		600-SGW-5-7.5			600-SGW-5-52.5			600-SGW-5-102.5			600-SGW-5-137.5		
	Date	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form	TCE	PCE	Chloro-form
Project Year 4	4/20/16	110/ 100	<1.2/ <1.1	4.2/3.9	1,700	<2.3	78	1,200	<2.1	54	16,000 D	<15	130
	7/13/16	11 FB	<0.57	<0.69	1,500	<2.4	82	1,900	<16	91	14,000	<490	<600
	12/6/16	49	<0.54	1.7 J	1,500	<4.4	73	1,900	<7.3	82	12,000/ 14,000	<380/ <340	<460/ <410
	1/18/17	75	10 FB	3.7 J	1,500	<9	76	1,700	<12	79	15,000	<370	<450
Project Year 5	4/24/17	77	<0.59	3.0	1,100 D	16	84	1,800 D	2.6 J	86	16,000/ 16,000	<24/ <25	110/ 110
	7/31/17	54	<13	<16	1,200/ 1,400	<11/ <11	66/80	1,900	<12	98	15,000	<33	110 J
	10/27/17	43	2.5 FB	1.4 J	1,300	3.1 J	73	1,800	<15	87	13,000	<280	<340
	3/6/18	44	2.0 FB	1.3 J	1,400/ 1,400	<7/ <4.2	70/69	1,700	<14	87	15,000	<150	<180
Project Year 6	4/27/18	34	1.2 J FB	1.7 J	190	2.3	11	1,500	3.2 J	83	1.3 J FB	<0.55	0.67
	8/15/18	39	1.2 J FB	1.4 J	1,200	<2.3	59	1,600	<4	77	15,000	230 J	<150
	10/24/18	61	0.47 J FB	2.1	1,300	<2.4	65	1,600/ 1,600	<5.3/ <4.6	80/ 78	14,000	<120	<120
	1/28/19	53	<0.29	2.1	1,200	1.3 J	68	1,500	<3.7	79	12,000	<44	81 J

WSTF RBC		860	2,300	450	8,500	230,000	4,400	17,000	460,000	8,800	25,000	690,000	13,000
		600-SGW-5-7.5			600-SGW-5-52.5			600-SGW-5-102.5			600-SGW-5-137.5		
	Date	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**
Project Year 7	5/2/19	40	0.95 J FB	1.6 J	860 D	2.9	57	1,200 D	2.1	69	11,000	<59	67 J
	7/23/19	14 FB	0.68 J FB	0.67 J	940 D	1.8 J	62	1,400 D	2.4	78	7,100 D	<6.1	74
	10/30/19	7 FB	3.4	0.36 J	1,200	<2.4	70	1,600	<4.4	86	15,000	<140	200 J
	1/17/20	45	<0.28	1.5 J	900 D	1.8 J	58	1,200 D	2.5	76	14,000	<49	87 J
Project Year 8	4/27/20	57	0.43 J	2.5	1,000	<2.8	54	1,200	<3	64	15,000	<36	91 J
	7/22/20	53	0.93 J	2.3	800 D	1.5 J	49	1,400 D	3.1 J	80	17,000	810 J	120 J
	10/29/20	2.3 FB	<0.3	<0.31	890	2.3 J	61	1,300	2.6 J	82	14,000	200 J	<130
	1/19/21	9.2	<0.27	0.52 J	680 D	1.5 J	56	1,100 D	2.0 J	78	2,600 D	0.95 J	24
Project Year 9	4/27/21	47	2.7	2.4	960	<1.9*	56	1,200	<2.3*	67	8,500	19 J	67
	7/27/21	55	0.49 J	2.5	910 D	1.5 J	61	1,200 D	2.0 J	78	11,000 D	<7.5*	100
	10/21/21	7.4	1.2 J	0.36 J	570 D	1.1 J	35	750	1.5 J	54	7,400	<24*	59 J
	1/19/22	16	0.64 J	0.74 J	780	0.86 J	38	720	0.98 J	46	6,200	84 J	44 J

WSTF RBC		**860**	**2,300**	**450**	**8,500**	**230,000**	**4,400**	**17,000**	**460,000**	**8,800**	**25,000**	**690,000**	**13,000**
		600-SGW-5-7.5			**600-SGW-5-52.5**			**600-SGW-5-102.5**			**600-SGW-5-137.5**		
	Date	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**	**TCE**	**PCE**	**Chloro-form**
Project Year 10	4/20/22	130	<0.37	4.2 FB	830	<1.6	50 FB	1,200	<7.6	61 FB	5,700	<62	<64
	7/26/22	34	0.4 J	1.7 J	880	<2.4	56	810	2.7 J	51	8,200	<25	67
	10/25/22	25	0.71 J	1.0 J	530 D	2.5	28	1,300 D	3.0	62	10,000	<11	70 J
	1/25/23	14	<0.28	0.54 J	700 D	1.4 J	36	870 D	1.6 J	44	6,100	<7.7	92

Notes:
Two values in the results column indicates that a field duplicate sample was collected and analyzed.
A – Indicates that the result of an analyte for a laboratory control sample (LCS), initial calibration verification (ICV) or continuing calibration verification (CCV) was outside standard limits.
D – Indicates that the reported result is from a dilution.
FB – Indicates that the analyte was detected in the field blank.
J – Indicates that the result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
[1] – The result provided is from replacement samples collected on May 20, 2015.
* – Indicates that the analyte was reported as non-detect with an elevated detection limit and dilution factor.
< – Indicates result is non-detect at reported detection limit.
Bold indicates exceedance of current residential RBC in Table 2b (NASA, 2023a).

Appendix A
Chemical Analytical Results for Groundwater Sampling at Monitoring Well 600-G-138

Data Qualifier	Summary Text
*	User defined qualifier. See quality assurance narrative.
A	The result of an analyte for a laboratory control sample (LCS), initial calibration verification (ICV) or continuing calibration verification (CCV) was outside standard limits.
AD	Relative percent difference for analyst (laboratory) duplicates was outside standard limits.
D	The reported result is from a dilution.
EB	The analyte was detected in the equipment blank.
FB	The analyte was detected in the field blank.
G	The result is an estimated value greater than the upper calibration limit.
i	The result, quantitation limit, and/or detection limit may have been affected by matrix interference.
J	The result is an estimated value less than the quantitation limit, but greater than or equal to the detection limit.
NA	The value/result was either not analyzed for or not applicable.
ND	The analyte was not detected above the detection limit.
Q	The result for a blind control sample was outside standard limits.
QD	The relative percent difference for a field duplicate was outside standard limits.
R	The result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
RB	The analyte was detected in the method blank.
S	The result was determined by the method of standard addition.
SP	The matrix spike recovery and/or the relative percent difference for matrix spike duplicates was outside standard limits.
T	The sample was analyzed outside the specified holding time or temperature.
TB	The analyte was detected in the trip blank.
TIC	The analyte was tentatively identified by a GC/MS library search and the amount reported is an estimated value.

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/25/23	2301251310A	Final	PARAMS	NA	Conductivity	1633	µS/cm	0	0	
600-G-138	01/25/23	2301251310A	Final	PARAMS	NA	DTW	144.9	ft	0	0	
600-G-138	01/25/23	2301251310A	Final	PARAMS	NA	pH	8.33	NA	0	0	
600-G-138	01/25/23	2301251310A	Final	PARAMS	NA	Temperature	16.8	ºC	0	0	
600-G-138	01/25/23	2301251310A	Final	PARAMS	NA	Turbidity	5.86	NTU	0	0	
600-G-138	01/25/23	2301251307A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	5.32	mg/L	0.5	0.02	
600-G-138	01/25/23	2301251306A	CHLORIDE	300.0	16887-00-6	Chloride	137	mg/L	20	5	
600-G-138	01/25/23	2301251305A	PERCHLORATE	6850	14797-73-0	Perchlorate	0.844	ug/L	0.1	0.025	
600-G-138	01/25/23	2301251304A	TDS	SM2540C	NA	Total Dissolved Solids (TDS)	1160	mg/L	11	10	
600-G-138	01/25/23	2301251303A	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	228	mg/L	2	1.8	
600-G-138	01/25/23	2301251303A	ANIONS	ANIONS	16887-00-6	Chloride	138	mg/L	8	1.7	
600-G-138	01/25/23	2301251303A	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.89	mg/L	0.1	0.01	
600-G-138	01/25/23	2301251303A	ANIONS	ANIONS	14808-79-8	Sulfate	959	mg/L	20	4	
600-G-138	01/25/23	2301251302A	METALS	METALS	7429-90-5	Aluminum, Total	0	mg/L	0.1	0.03	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-36-0	Antimony, Total	0.0003	mg/L	0.001	0.0002	J
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-38-2	Arsenic, Total	0.0021	mg/L	0.001	0.0004	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-39-3	Barium, Total	0.044	mg/L	0.02	0.003	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-42-8	Boron, Total	0.69	mg/L	0.2	0.02	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-70-2	Calcium, Total	116	mg/L	1	0.3	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-47-3	Chromium, Total	0.014	mg/L	0.01	0.002	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.0009	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.004	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-89-6	Iron, Total	0.12	mg/L	0.1	0.07	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-95-4	Magnesium, Total	79.1	mg/L	1	0.03	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.004	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	
600-G-138	01/25/23	2301251302A	METALS	METALS	7439-98-7	Molybdenum, Total	0.015	mg/L	0.025	0.003	J
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-02-0	Nickel, Total	0.009	mg/L	0.04	0.003	J
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-09-7	Potassium, Total	4.3	mg/L	2	0.4	
600-G-138	01/25/23	2301251302A	METALS	METALS	7782-49-2	Selenium, Total	0.011	mg/L	0.01	0.007	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-23-5	Sodium, Total	128	mg/L	1	0.2	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-24-6	Strontium, Total	4.4	mg/L	0.1	0.002	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00004	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.008	
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.0007	J
600-G-138	01/25/23	2301251302A	METALS	METALS	7440-66-6	Zinc, Total	0.005	mg/L	0.02	0.003	J
600-G-138	01/25/23	2301251300A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/25/23	2301251300A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	01/25/23	2301251300A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/25/23	2301251300A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.58	ug/L	1	0.2	J
600-G-138	01/25/23	2301251300A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/25/23	2301251300A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/25/23	2301251300A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	01/25/23	2301251300A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	22	
600-G-138	01/25/23	2301251300A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/25/23	2301251300A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	01/25/23	2301251300A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/25/23	2301251300A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	01/25/23	2301251300A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	01/25/23	2301251300A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	01/25/23	2301251300A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/25/23	2301251300A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	01/25/23	2301251300A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/25/23	2301251300A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/25/23	2301251300A	VOA	8260	67-66-3	Chloroform	0	ug/L	1	0.51	
600-G-138	01/25/23	2301251300A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.8	
600-G-138	01/25/23	2301251300A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	01/25/23	2301251300A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.6	
600-G-138	01/25/23	2301251300A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	01/25/23	2301251300A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	01/25/23	2301251300A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	01/25/23	2301251300A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/25/23	2301251300A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.51	
600-G-138	01/25/23	2301251300A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/25/23	2301251300A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	01/25/23	2301251300A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	01/25/23	2301251300A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	01/25/23	2301251300A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	01/25/23	2301251300A	VOA	8260	79-01-6	Trichloroethene (TCE)	33	ug/L	1	0.2	
600-G-138	01/25/23	2301251300A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.48	ug/L	1	0.24	J
600-G-138	01/25/23	2301251300A	VOA	8260	TIC	Unknown	5.2	ug/L	0		TIC RB FB
600-G-138	01/25/23	2301251300A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/25/23	2301251300A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	01/25/23	2301251255A	Initial	PARAMS	NA	Conductivity	1653	µS/cm	0	0	
600-G-138	01/25/23	2301251255A	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	01/25/23	2301251255A	Initial	PARAMS	NA	pH	8.12	NA	0	0	
600-G-138	01/25/23	2301251255A	Initial	PARAMS	NA	Temperature	17	ºC	0	0	
600-G-138	01/25/23	2301251255A	Initial	PARAMS	NA	Turbidity	1.35	NTU	0	0	
600-G-138	10/25/22	2210251310A	Final	PARAMS	NA	Conductivity	1979	µS/cm	0	0	
600-G-138	10/25/22	2210251310A	Final	PARAMS	NA	DTW	145.35	ft	0	0	
600-G-138	10/25/22	2210251310A	Final	PARAMS	NA	pH	7.92	NA	0	0	
600-G-138	10/25/22	2210251310A	Final	PARAMS	NA	Temperature	20.6	ºC	0	0	
600-G-138	10/25/22	2210251310A	Final	PARAMS	NA	Turbidity	1.34	NTU	0	0	
600-G-138	10/25/22	2210251304A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.9	mg/L	0.5	0.02	
600-G-138	10/25/22	2210251303A	CHLORIDE	300.0	16887-00-6	Chloride	159	mg/L	20	5	
600-G-138	10/25/22	2210251301A	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	10/25/22	2210251301A	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/25/22	2210251301A	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.49	ug/L	1	0.2	J
600-G-138	10/25/22	2210251301A	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	10/25/22	2210251301A	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/25/22	2210251301A	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	10/25/22	2210251301A	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	10/25/22	2210251301A	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/25/22	2210251301A	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	5	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	10/25/22	2210251301A	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	10/25/22	2210251301A	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	10/25/22	2210251301A	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	10/25/22	2210251301A	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/25/22	2210251301A	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/25/22	2210251301A	VOA-D	8260	67-66-3	Chloroform	0.52	ug/L	1	0.24	J
600-G-138	10/25/22	2210251301A	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	10/25/22	2210251301A	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	10/25/22	2210251301A	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	10/25/22	2210251301A	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	10/25/22	2210251301A	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	10/25/22	2210251301A	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/25/22	2210251301A	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	10/25/22	2210251301A	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	10/25/22	2210251301A	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	10/25/22	2210251301A	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	10/25/22	2210251301A	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	10/25/22	2210251301A	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	10/25/22	2210251301A	VOA-D	8260	79-01-6	Trichloroethene (TCE)	33	ug/L	1	0.2	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.45	ug/L	1	0.24	J
600-G-138	10/25/22	2210251301A	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/25/22	2210251301A	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/25/22	2210251300A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	10/25/22	2210251300A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/25/22	2210251300A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.47	ug/L	1	0.2	J
600-G-138	10/25/22	2210251300A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	10/25/22	2210251300A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/25/22	2210251300A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	10/25/22	2210251300A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	10/25/22	2210251300A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/25/22	2210251300A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	10/25/22	2210251300A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	10/25/22	2210251300A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	10/25/22	2210251300A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	10/25/22	2210251300A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	10/25/22	2210251300A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/25/22	2210251300A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	10/25/22	2210251300A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/25/22	2210251300A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/25/22	2210251300A	VOA	8260	67-66-3	Chloroform	0.6	ug/L	1	0.24	J
600-G-138	10/25/22	2210251300A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	10/25/22	2210251300A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	10/25/22	2210251300A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	10/25/22	2210251300A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	10/25/22	2210251300A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	10/25/22	2210251300A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	10/25/22	2210251300A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/25/22	2210251300A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	10/25/22	2210251300A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/25/22	2210251300A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	10/25/22	2210251300A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	10/25/22	2210251300A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	10/25/22	2210251300A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	10/25/22	2210251300A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	10/25/22	2210251300A	VOA	8260	79-01-6	Trichloroethene (TCE)	36	ug/L	1	0.2	
600-G-138	10/25/22	2210251300A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.4	ug/L	1	0.24	J
600-G-138	10/25/22	2210251300A	VOA	8260	TIC	Unknown	8	ug/L	0		TIC
600-G-138	10/25/22	2210251300A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/25/22	2210251300A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	10/25/22	2210251259A	Initial	PARAMS	NA	Conductivity	1972	µS/cm	0	0	
600-G-138	10/25/22	2210251259A	Initial	PARAMS	NA	DTW	145.1	ft	0	0	
600-G-138	10/25/22	2210251259A	Initial	PARAMS	NA	pH	7.85	NA	0	0	
600-G-138	10/25/22	2210251259A	Initial	PARAMS	NA	Temperature	20.4	ºC	0	0	
600-G-138	10/25/22	2210251259A	Initial	PARAMS	NA	Turbidity	1.57	NTU	0	0	
600-G-138	07/26/22	2207261020A	Final	PARAMS	NA	Conductivity	2130	µS/cm	0	0	
600-G-138	07/26/22	2207261020A	Final	PARAMS	NA	DTW	145.33	ft	0	0	
600-G-138	07/26/22	2207261020A	Final	PARAMS	NA	pH	7.7	NA	0	0	
600-G-138	07/26/22	2207261020A	Final	PARAMS	NA	Temperature	23.1	ºC	0	0	
600-G-138	07/26/22	2207261020A	Final	PARAMS	NA	Turbidity	0.74	NTU	0	0	
600-G-138	07/26/22	2207261014A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.8	mg/L	0.5	0.02	
600-G-138	07/26/22	2207261013A	CHLORIDE	300.0	16887-00-6	Chloride	188	mg/L	8	1.7	
600-G-138	07/26/22	2207261011A	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	25	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	07/26/22	2207261011A	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	07/26/22	2207261011A	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.53	ug/L	1	0.2	J
600-G-138	07/26/22	2207261011A	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	07/26/22	2207261011A	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	07/26/22	2207261011A	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	07/26/22	2207261011A	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	07/26/22	2207261011A	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/26/22	2207261011A	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	07/26/22	2207261011A	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	07/26/22	2207261011A	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	07/26/22	2207261011A	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	07/26/22	2207261011A	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	07/26/22	2207261011A	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	07/26/22	2207261011A	VOA-D	8260	67-66-3	Chloroform	0.48	ug/L	1	0.24	J
600-G-138	07/26/22	2207261011A	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	07/26/22	2207261011A	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	07/26/22	2207261011A	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	07/26/22	2207261011A	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	07/26/22	2207261011A	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	07/26/22	2207261011A	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	07/26/22	2207261011A	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	07/26/22	2207261011A	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	07/26/22	2207261011A	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	07/26/22	2207261011A	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	07/26/22	2207261011A	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	07/26/22	2207261011A	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	07/26/22	2207261011A	VOA-D	8260	79-01-6	Trichloroethene (TCE)	39	ug/L	1	0.2	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.48	ug/L	1	0.24	J
600-G-138	07/26/22	2207261011A	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/26/22	2207261011A	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/26/22	2207261010A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	25	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	07/26/22	2207261010A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	07/26/22	2207261010A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.47	ug/L	1	0.2	J
600-G-138	07/26/22	2207261010A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	07/26/22	2207261010A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	07/26/22	2207261010A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	07/26/22	2207261010A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	07/26/22	2207261010A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	07/26/22	2207261010A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	07/26/22	2207261010A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	07/26/22	2207261010A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	07/26/22	2207261010A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	07/26/22	2207261010A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	07/26/22	2207261010A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	07/26/22	2207261010A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	07/26/22	2207261010A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	07/26/22	2207261010A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	07/26/22	2207261010A	VOA	8260	67-66-3	Chloroform	0.48	ug/L	1	0.24	J
600-G-138	07/26/22	2207261010A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	07/26/22	2207261010A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	07/26/22	2207261010A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	07/26/22	2207261010A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	07/26/22	2207261010A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	07/26/22	2207261010A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	07/26/22	2207261010A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	07/26/22	2207261010A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/26/22	2207261010A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	07/26/22	2207261010A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	07/26/22	2207261010A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	07/26/22	2207261010A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	07/26/22	2207261010A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	07/26/22	2207261010A	VOA	8260	79-01-6	Trichloroethene (TCE)	41	ug/L	1	0.2	
600-G-138	07/26/22	2207261010A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.39	ug/L	1	0.24	J
600-G-138	07/26/22	2207261010A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/26/22	2207261010A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	07/26/22	2207261005A	Initial	PARAMS	NA	Conductivity	2130	µS/cm	0	0	
600-G-138	07/26/22	2207261005A	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	07/26/22	2207261005A	Initial	PARAMS	NA	pH	7.75	NA	0	0	
600-G-138	07/26/22	2207261005A	Initial	PARAMS	NA	Temperature	22.5	ºC	0	0	
600-G-138	07/26/22	2207261005A	Initial	PARAMS	NA	Turbidity	0.7	NTU	0	0	
600-G-138	04/20/22	2204201050A	Final	PARAMS	NA	Conductivity	2260	µS/cm	0	0	
600-G-138	04/20/22	2204201050A	Final	PARAMS	NA	DTW	146.2	ft	0	0	
600-G-138	04/20/22	2204201050A	Final	PARAMS	NA	pH	7.58	NA	0	0	
600-G-138	04/20/22	2204201050A	Final	PARAMS	NA	Temperature	18.8	ºC	0	0	
600-G-138	04/20/22	2204201050A	Final	PARAMS	NA	Turbidity	1.49	NTU	0	0	
600-G-138	04/20/22	2204201046A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.2	mg/L	0.5	0.02	
600-G-138	04/20/22	2204201045A	CHLORIDE	300.0	16887-00-6	Chloride	177	mg/L	8	1.7	
600-G-138	04/20/22	2204201033A	NDMA	607	314-40-9	Bromacil	20.7	µg/L	0.19	0.094	D
600-G-138	04/20/22	2204201033A	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	µg/L	0.0094	0.0047	
600-G-138	04/20/22	2204201033A	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	µg/L	0.0094	0.0047	
600-G-138	04/20/22	2204201031A	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	30	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	04/20/22	2204201031A	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	04/20/22	2204201031A	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.61	ug/L	1	0.2	J
600-G-138	04/20/22	2204201031A	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	04/20/22	2204201031A	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	04/20/22	2204201031A	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/22	2204201031A	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	04/20/22	2204201031A	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	04/20/22	2204201031A	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	04/20/22	2204201031A	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	04/20/22	2204201031A	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	04/20/22	2204201031A	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	04/20/22	2204201031A	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	04/20/22	2204201031A	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	04/20/22	2204201031A	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	04/20/22	2204201031A	VOA-D	8260	67-66-3	Chloroform	0	ug/L	1	0.24	
600-G-138	04/20/22	2204201031A	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	04/20/22	2204201031A	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	04/20/22	2204201031A	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	04/20/22	2204201031A	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	04/20/22	2204201031A	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	04/20/22	2204201031A	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	04/20/22	2204201031A	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	04/20/22	2204201031A	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	04/20/22	2204201031A	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	04/20/22	2204201031A	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	04/20/22	2204201031A	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	04/20/22	2204201031A	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	04/20/22	2204201031A	VOA-D	8260	79-01-6	Trichloroethene (TCE)	38	ug/L	1	0.2	
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.6	ug/L	1	0.24	J
600-G-138	04/20/22	2204201031A	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/22	2204201031A	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	28	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	04/20/22	2204201030A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	04/20/22	2204201030A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.41	ug/L	1	0.2	J
600-G-138	04/20/22	2204201030A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	04/20/22	2204201030A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	04/20/22	2204201030A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	04/20/22	2204201030A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	04/20/22	2204201030A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	04/20/22	2204201030A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	04/20/22	2204201030A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	04/20/22	2204201030A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	04/20/22	2204201030A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	04/20/22	2204201030A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	04/20/22	2204201030A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	04/20/22	2204201030A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	04/20/22	2204201030A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	04/20/22	2204201030A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	04/20/22	2204201030A	VOA	8260	67-66-3	Chloroform	0	ug/L	1	0.24	
600-G-138	04/20/22	2204201030A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	04/20/22	2204201030A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	04/20/22	2204201030A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	04/20/22	2204201030A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	04/20/22	2204201030A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	04/20/22	2204201030A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/22	2204201030A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	04/20/22	2204201030A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	04/20/22	2204201030A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	04/20/22	2204201030A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	04/20/22	2204201030A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	04/20/22	2204201030A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	04/20/22	2204201030A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	04/20/22	2204201030A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	04/20/22	2204201030A	VOA	8260	79-01-6	Trichloroethene (TCE)	37	ug/L	1	0.2	
600-G-138	04/20/22	2204201030A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.58	ug/L	1	0.24	J
600-G-138	04/20/22	2204201030A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/20/22	2204201030A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	04/20/22	2204201025A	Initial	PARAMS	NA	Conductivity	2260	µS/cm	0	0	
600-G-138	04/20/22	2204201025A	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	04/20/22	2204201025A	Initial	PARAMS	NA	pH	7.73	NA	0	0	
600-G-138	04/20/22	2204201025A	Initial	PARAMS	NA	Temperature	18.2	ºC	0	0	
600-G-138	04/20/22	2204201025A	Initial	PARAMS	NA	Turbidity	0.59	NTU	0	0	
600-G-138	01/19/22	2201191110A	Final	PARAMS	NA	Conductivity	1658	µS/cm	0	0	
600-G-138	01/19/22	2201191110A	Final	PARAMS	NA	DTW	145.27	ft	0	0	
600-G-138	01/19/22	2201191110A	Final	PARAMS	NA	pH	7.94	NA	0	0	
600-G-138	01/19/22	2201191110A	Final	PARAMS	NA	Temperature	21.2	ºC	0	0	
600-G-138	01/19/22	2201191110A	Final	PARAMS	NA	Turbidity	3.13	NTU	0	0	
600-G-138	01/19/22	2201191106A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.2	mg/L	1	0.03	
600-G-138	01/19/22	2201191105A	CHLORIDE	300.0	16887-00-6	Chloride	166	mg/L	8	1.7	
600-G-138	01/19/22	2201191104A	METALS	METALS	7429-90-5	Aluminum, Total	0.05	mg/L	0.1	0.03	J
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0002	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-38-2	Arsenic, Total	0.0015	mg/L	0.001	0.0004	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-39-3	Barium, Total	0.049	mg/L	0.02	0.003	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-42-8	Boron, Total	0.68	mg/L	0.2	0.02	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-70-2	Calcium, Total	134	mg/L	1	0.3	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-47-3	Chromium, Total	0.008	mg/L	0.01	0.002	J
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.0009	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.004	
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-89-6	Iron, Total	0.1	mg/L	0.1	0.07	
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-95-4	Magnesium, Total	91	mg/L	1	0.03	
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.004	
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/22	2201191104A	METALS	METALS	7439-98-7	Molybdenum, Total	0.014	mg/L	0.025	0.003	J
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.4	
600-G-138	01/19/22	2201191104A	METALS	METALS	7782-49-2	Selenium, Total	0	mg/L	0.01	0.007	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-23-5	Sodium, Total	134	mg/L	1	0.2	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-24-6	Strontium, Total	5.03	mg/L	0.1	0.002	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00004	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.008	
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-62-2	Vanadium, Total	0.001	mg/L	0.05	0.0007	J
600-G-138	01/19/22	2201191104A	METALS	METALS	7440-66-6	Zinc, Total	0.012	mg/L	0.02	0.003	J
600-G-138	01/19/22	2201191102A	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	32	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	01/19/22	2201191102A	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/19/22	2201191102A	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.66	ug/L	1	0.2	J
600-G-138	01/19/22	2201191102A	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/19/22	2201191102A	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/19/22	2201191102A	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	01/19/22	2201191102A	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	01/19/22	2201191102A	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/19/22	2201191102A	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	01/19/22	2201191102A	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	01/19/22	2201191102A	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	01/19/22	2201191102A	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	01/19/22	2201191102A	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/19/22	2201191102A	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/19/22	2201191102A	VOA-D	8260	67-66-3	Chloroform	0.28	ug/L	1	0.24	J
600-G-138	01/19/22	2201191102A	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/22	2201191102A	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	01/19/22	2201191102A	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	01/19/22	2201191102A	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	01/19/22	2201191102A	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	01/19/22	2201191102A	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/19/22	2201191102A	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	01/19/22	2201191102A	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	01/19/22	2201191102A	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	01/19/22	2201191102A	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	01/19/22	2201191102A	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	01/19/22	2201191102A	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	01/19/22	2201191102A	VOA-D	8260	79-01-6	Trichloroethene (TCE)	32	ug/L	1	0.2	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.76	ug/L	1	0.24	J
600-G-138	01/19/22	2201191102A	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/19/22	2201191102A	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	01/19/22	2201191101A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/19/22	2201191101A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.72	ug/L	1	0.2	J
600-G-138	01/19/22	2201191101A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/19/22	2201191101A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/19/22	2201191101A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/22	2201191101A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	01/19/22	2201191101A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	01/19/22	2201191101A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/19/22	2201191101A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	01/19/22	2201191101A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/19/22	2201191101A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	01/19/22	2201191101A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	01/19/22	2201191101A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	01/19/22	2201191101A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/19/22	2201191101A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	01/19/22	2201191101A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/19/22	2201191101A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/19/22	2201191101A	VOA	8260	67-66-3	Chloroform	0.27	ug/L	1	0.24	J
600-G-138	01/19/22	2201191101A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	01/19/22	2201191101A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	01/19/22	2201191101A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	01/19/22	2201191101A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	01/19/22	2201191101A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	01/19/22	2201191101A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	01/19/22	2201191101A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/19/22	2201191101A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	01/19/22	2201191101A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	01/19/22	2201191101A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	01/19/22	2201191101A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	01/19/22	2201191101A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	01/19/22	2201191101A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	01/19/22	2201191101A	VOA	8260	79-01-6	Trichloroethene (TCE)	31	ug/L	1	0.2	
600-G-138	01/19/22	2201191101A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.61	ug/L	1	0.24	J
600-G-138	01/19/22	2201191101A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/19/22	2201191101A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/22	2201191100A	Initial	PARAMS	NA	Conductivity	1651	µS/cm	0	0	
600-G-138	01/19/22	2201191100A	Initial	PARAMS	NA	DTW	144.8	ft	0	0	
600-G-138	01/19/22	2201191100A	Initial	PARAMS	NA	pH	7.82	NA	0	0	
600-G-138	01/19/22	2201191100A	Initial	PARAMS	NA	Temperature	20.9	ºC	0	0	
600-G-138	01/19/22	2201191100A	Initial	PARAMS	NA	Turbidity	4.23	NTU	0	0	
600-G-138	10/21/21	2110211109A	Final	PARAMS	NA	Conductivity	1714	µS/cm	0	0	
600-G-138	10/21/21	2110211109A	Final	PARAMS	NA	DTW	145.6	ft	0	0	
600-G-138	10/21/21	2110211109A	Final	PARAMS	NA	pH	7.95	NA	0	0	
600-G-138	10/21/21	2110211109A	Final	PARAMS	NA	Temperature	18.8	ºC	0	0	
600-G-138	10/21/21	2110211109A	Final	PARAMS	NA	Turbidity	1.64	NTU	0	0	
600-G-138	10/21/21	2110211108A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	9.43	mg/L	0.5	0.02	
600-G-138	10/21/21	2110211107A	CHLORIDE	300.0	16887-00-6	Chloride	161	mg/L	6	1.3	
600-G-138	10/21/21	2110211105A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	33	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	10/21/21	2110211105A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/21/21	2110211105A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.64	ug/L	1	0.2	J
600-G-138	10/21/21	2110211105A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	10/21/21	2110211105A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/21/21	2110211105A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	10/21/21	2110211105A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	10/21/21	2110211105A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/21/21	2110211105A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	10/21/21	2110211105A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	10/21/21	2110211105A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	10/21/21	2110211105A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	10/21/21	2110211105A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	10/21/21	2110211105A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/21/21	2110211105A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	10/21/21	2110211105A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/21/21	2110211105A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/21/21	2110211105A	VOA	8260	67-66-3	Chloroform	0.52	ug/L	1	0.24	J

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/21/21	2110211105A	VOA	8260	74-87-3	Chloromethane	0.31	ug/L	2	0.28	J RB
600-G-138	10/21/21	2110211105A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	10/21/21	2110211105A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	10/21/21	2110211105A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	10/21/21	2110211105A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	10/21/21	2110211105A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	10/21/21	2110211105A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/21/21	2110211105A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	10/21/21	2110211105A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	10/21/21	2110211105A	VOA	8260	420-56-4	Silane, fluorotrimethyl-	6.7	ug/L	0		TIC
600-G-138	10/21/21	2110211105A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	10/21/21	2110211105A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	10/21/21	2110211105A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	10/21/21	2110211105A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	10/21/21	2110211105A	VOA	8260	79-01-6	Trichloroethene (TCE)	32	ug/L	1	0.2	
600-G-138	10/21/21	2110211105A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.84	ug/L	1	0.24	J
600-G-138	10/21/21	2110211105A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/21/21	2110211105A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	10/21/21	2110211100A	Initial	PARAMS	NA	Conductivity	1699	µS/cm	0	0	
600-G-138	10/21/21	2110211100A	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	10/21/21	2110211100A	Initial	PARAMS	NA	pH	7.85	NA	0	0	
600-G-138	10/21/21	2110211100A	Initial	PARAMS	NA	Temperature	18.6	ºC	0	0	
600-G-138	10/21/21	2110211100A	Initial	PARAMS	NA	Turbidity	1.71	NTU	0	0	
600-G-138	07/27/21	2107271034C	Final	PARAMS	NA	Conductivity	1964	µS/cm	0	0	
600-G-138	07/27/21	2107271034C	Final	PARAMS	NA	DTW	147.1	ft	0	0	
600-G-138	07/27/21	2107271034C	Final	PARAMS	NA	pH	7.9	NA	0	0	
600-G-138	07/27/21	2107271034C	Final	PARAMS	NA	Temperature	23.4	ºC	0	0	
600-G-138	07/27/21	2107271034C	Final	PARAMS	NA	Turbidity	10.2	NTU	0	0	
600-G-138	07/27/21	2107271033C	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.4	mg/L	0.5	0.02	
600-G-138	07/27/21	2107271032C	CHLORIDE	300.0	16887-00-6	Chloride	221	mg/L	6	1.3	
600-G-138	07/27/21	2107271030C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/27/21	2107271030C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	07/27/21	2107271030C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	07/27/21	2107271030C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.42	ug/L	1	0.2	J
600-G-138	07/27/21	2107271030C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	07/27/21	2107271030C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	07/27/21	2107271030C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	07/27/21	2107271030C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	07/27/21	2107271030C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	07/27/21	2107271030C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	07/27/21	2107271030C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	07/27/21	2107271030C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	07/27/21	2107271030C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	07/27/21	2107271030C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	07/27/21	2107271030C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	07/27/21	2107271030C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	07/27/21	2107271030C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	07/27/21	2107271030C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	07/27/21	2107271030C	VOA	8260	67-66-3	Chloroform	0.26	ug/L	1	0.24	J
600-G-138	07/27/21	2107271030C	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	07/27/21	2107271030C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	07/27/21	2107271030C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	07/27/21	2107271030C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	07/27/21	2107271030C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	07/27/21	2107271030C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	07/27/21	2107271030C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	07/27/21	2107271030C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	07/27/21	2107271030C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/27/21	2107271030C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3	
600-G-138	07/27/21	2107271030C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	07/27/21	2107271030C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.7	
600-G-138	07/27/21	2107271030C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	07/27/21	2107271030C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	07/27/21	2107271030C	VOA	8260	79-01-6	Trichloroethene (TCE)	37	ug/L	1	0.2	
600-G-138	07/27/21	2107271030C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.5	ug/L	1	0.24	J
600-G-138	07/27/21	2107271030C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/27/21	2107271030C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	07/27/21	2107271025C	Initial	PARAMS	NA	Conductivity	1976	µS/cm	0	0	
600-G-138	07/27/21	2107271025C	Initial	PARAMS	NA	DTW	145.1	ft	0	0	
600-G-138	07/27/21	2107271025C	Initial	PARAMS	NA	pH	7.81	NA	0	0	
600-G-138	07/27/21	2107271025C	Initial	PARAMS	NA	Temperature	23.5	ºC	0	0	
600-G-138	07/27/21	2107271025C	Initial	PARAMS	NA	Turbidity	13.1	NTU	0	0	
600-G-138	04/27/21	2104270840B	Final	PARAMS	NA	Conductivity	2440	µS/cm	0	0	
600-G-138	04/27/21	2104270840B	Final	PARAMS	NA	DTW	145.61	ft	0	0	
600-G-138	04/27/21	2104270840B	Final	PARAMS	NA	pH	7.68	NA	0	0	
600-G-138	04/27/21	2104270840B	Final	PARAMS	NA	Temperature	19.8	ºC	0	0	
600-G-138	04/27/21	2104270840B	Final	PARAMS	NA	Turbidity	8.75	NTU	0	0	
600-G-138	04/27/21	2104270820B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.5	mg/L	0.5	0.02	
600-G-138	04/27/21	2104270819B	CHLORIDE	300.0	16887-00-6	Chloride	205	mg/L	6	1.3	
600-G-138	04/27/21	2104270817B	NDMA	607	314-40-9	Bromacil	18	µg/L	0.2	0.1	D
600-G-138	04/27/21	2104270817B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	µg/L	0.2	0.1	
600-G-138	04/27/21	2104270817B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	µg/L	0.2	0.1	
600-G-138	04/27/21	2104270815B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	30	ug/L	1	0.2	Q
600-G-138	04/27/21	2104270815B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	04/27/21	2104270815B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	04/27/21	2104270815B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.51	ug/L	1	0.2	J
600-G-138	04/27/21	2104270815B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	04/27/21	2104270815B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	04/27/21	2104270815B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/21	2104270815B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	04/27/21	2104270815B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	04/27/21	2104270815B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	04/27/21	2104270815B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	04/27/21	2104270815B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	04/27/21	2104270815B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	04/27/21	2104270815B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	04/27/21	2104270815B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	04/27/21	2104270815B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	04/27/21	2104270815B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	04/27/21	2104270815B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	04/27/21	2104270815B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	04/27/21	2104270815B	VOA	8260	67-66-3	Chloroform	0.51	ug/L	1	0.24	J
600-G-138	04/27/21	2104270815B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	04/27/21	2104270815B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	04/27/21	2104270815B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	04/27/21	2104270815B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	04/27/21	2104270815B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	04/27/21	2104270815B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	04/27/21	2104270815B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	04/27/21	2104270815B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	04/27/21	2104270815B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	04/27/21	2104270815B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	Q
600-G-138	04/27/21	2104270815B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	04/27/21	2104270815B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/27/21	2104270815B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	04/27/21	2104270815B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	04/27/21	2104270815B	VOA	8260	79-01-6	Trichloroethene (TCE)	40	ug/L	1	0.2	Q
600-G-138	04/27/21	2104270815B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.48	ug/L	1	0.24	J Q
600-G-138	04/27/21	2104270815B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/27/21	2104270815B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/21	2104270810B	Initial	PARAMS	NA	Conductivity	2420	µS/cm	0	0	
600-G-138	04/27/21	2104270810B	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	04/27/21	2104270810B	Initial	PARAMS	NA	pH	7.76	NA	0	0	
600-G-138	04/27/21	2104270810B	Initial	PARAMS	NA	Temperature	20.1	ºC	0	0	
600-G-138	04/27/21	2104270810B	Initial	PARAMS	NA	Turbidity	17.6	NTU	0	0	
600-G-138	01/19/21	2101191316B	Final	PARAMS	NA	Conductivity	1876	µS/cm	0	0	
600-G-138	01/19/21	2101191316B	Final	PARAMS	NA	DTW	145.36	ft	0	0	
600-G-138	01/19/21	2101191316B	Final	PARAMS	NA	pH	7.91	NA	0	0	
600-G-138	01/19/21	2101191316B	Final	PARAMS	NA	Temperature	18	ºC	0	0	
600-G-138	01/19/21	2101191316B	Final	PARAMS	NA	Turbidity	11.8	NTU	0	0	
600-G-138	01/19/21	2101191315B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11	mg/L	0.5	0.02	
600-G-138	01/19/21	2101191314B	CHLORIDE	300.0	16887-00-6	Chloride	173	mg/L	4	0.9	
600-G-138	01/19/21	2101191312B	METALS	METALS	7429-90-5	Aluminum, Total	0.11	mg/L	0.1	0.03	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-36-0	Antimony, Total	0.0004	mg/L	0.001	0.0002	J
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-38-2	Arsenic, Total	0.0018	mg/L	0.001	0.0004	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-39-3	Barium, Total	0.048	mg/L	0.02	0.003	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-42-8	Boron, Total	0.69	mg/L	0.2	0.02	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-70-2	Calcium, Total	129	mg/L	1	0.3	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-47-3	Chromium, Total	0.02	mg/L	0.01	0.0006	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.0009	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.004	
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-89-6	Iron, Total	0.24	mg/L	0.1	0.07	
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-95-4	Magnesium, Total	91.4	mg/L	1	0.03	
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-96-5	Manganese, Total	0.005	mg/L	0.01	0.004	J
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	
600-G-138	01/19/21	2101191312B	METALS	METALS	7439-98-7	Molybdenum, Total	0.013	mg/L	0.025	0.003	J
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.2	
600-G-138	01/19/21	2101191312B	METALS	METALS	7782-49-2	Selenium, Total	0	mg/L	0.01	0.007	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-23-5	Sodium, Total	134	mg/L	1	0.2	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-24-6	Strontium, Total	4.88	mg/L	0.1	0.002	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00004	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.008	
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.0007	J
600-G-138	01/19/21	2101191312B	METALS	METALS	7440-66-6	Zinc, Total	0.012	mg/L	0.02	0.01	J
600-G-138	01/19/21	2101191310B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-35-4	1,1-Dichloroethene	0.47	ug/L	1	0.2	J
600-G-138	01/19/21	2101191310B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/21	2101191310B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/19/21	2101191310B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.59	ug/L	1	0.2	J
600-G-138	01/19/21	2101191310B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/19/21	2101191310B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/19/21	2101191310B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	01/19/21	2101191310B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	01/19/21	2101191310B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/19/21	2101191310B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	01/19/21	2101191310B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/19/21	2101191310B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	01/19/21	2101191310B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	01/19/21	2101191310B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	01/19/21	2101191310B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/19/21	2101191310B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	01/19/21	2101191310B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/19/21	2101191310B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/19/21	2101191310B	VOA	8260	67-66-3	Chloroform	0.5	ug/L	1	0.24	J
600-G-138	01/19/21	2101191310B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	01/19/21	2101191310B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	01/19/21	2101191310B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	01/19/21	2101191310B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	01/19/21	2101191310B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	01/19/21	2101191310B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	01/19/21	2101191310B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/19/21	2101191310B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	01/19/21	2101191310B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	01/19/21	2101191310B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/19/21	2101191310B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	01/19/21	2101191310B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	01/19/21	2101191310B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	01/19/21	2101191310B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	01/19/21	2101191310B	VOA	8260	79-01-6	Trichloroethene (TCE)	36	ug/L	1	0.2	
600-G-138	01/19/21	2101191310B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.55	ug/L	1	0.24	J
600-G-138	01/19/21	2101191310B	VOA	8260	TIC	Unknown	6.5	ug/L	0		TIC
600-G-138	01/19/21	2101191310B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/19/21	2101191310B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	01/19/21	2101191305B	Initial	PARAMS	NA	Conductivity	1865	µS/cm	0	0	
600-G-138	01/19/21	2101191305B	Initial	PARAMS	NA	DTW	145.02	ft	0	0	
600-G-138	01/19/21	2101191305B	Initial	PARAMS	NA	pH	8	NA	0	0	
600-G-138	01/19/21	2101191305B	Initial	PARAMS	NA	Temperature	18.3	ºC	0	0	
600-G-138	01/19/21	2101191305B	Initial	PARAMS	NA	Turbidity	13.2	NTU	0	0	
600-G-138	10/29/20	2010290959C	Final	PARAMS	NA	Conductivity	1750	µS/cm	0	0	
600-G-138	10/29/20	2010290959C	Final	PARAMS	NA	DTW	145.51	ft	0	0	
600-G-138	10/29/20	2010290959C	Final	PARAMS	NA	pH	7.41	NA	0	0	
600-G-138	10/29/20	2010290959C	Final	PARAMS	NA	Temperature	21	ºC	0	0	
600-G-138	10/29/20	2010290959C	Final	PARAMS	NA	Turbidity	1.13	NTU	0	0	
600-G-138	10/29/20	2010290958C	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.1	mg/L	0.5	0.02	
600-G-138	10/29/20	2010290957C	CHLORIDE	300.0	16887-00-6	Chloride	168	mg/L	20	5	
600-G-138	10/29/20	2010290955C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	10/29/20	2010290955C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/29/20	2010290955C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.53	ug/L	1	0.2	J
600-G-138	10/29/20	2010290955C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	10/29/20	2010290955C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/29/20	2010290955C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	10/29/20	2010290955C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	10/29/20	2010290955C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/29/20	2010290955C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	10/29/20	2010290955C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/29/20	2010290955C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	10/29/20	2010290955C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	10/29/20	2010290955C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	10/29/20	2010290955C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/29/20	2010290955C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	10/29/20	2010290955C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/29/20	2010290955C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/29/20	2010290955C	VOA	8260	67-66-3	Chloroform	0.27	ug/L	1	0.24	J
600-G-138	10/29/20	2010290955C	VOA	8260	74-87-3	Chloromethane	0.34	ug/L	2	0.28	J RB FB
600-G-138	10/29/20	2010290955C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	10/29/20	2010290955C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	10/29/20	2010290955C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	10/29/20	2010290955C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	10/29/20	2010290955C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	10/29/20	2010290955C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/29/20	2010290955C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	10/29/20	2010290955C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	10/29/20	2010290955C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	10/29/20	2010290955C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	10/29/20	2010290955C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	10/29/20	2010290955C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	10/29/20	2010290955C	VOA	8260	79-01-6	Trichloroethene (TCE)	33	ug/L	1	0.2	
600-G-138	10/29/20	2010290955C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.43	ug/L	1	0.24	J
600-G-138	10/29/20	2010290955C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/29/20	2010290955C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	10/29/20	2010290950C	Initial	PARAMS	NA	Conductivity	1780	µS/cm	0	0	
600-G-138	10/29/20	2010290950C	Initial	PARAMS	NA	DTW	144.98	ft	0	0	
600-G-138	10/29/20	2010290950C	Initial	PARAMS	NA	pH	7.59	NA	0	0	
600-G-138	10/29/20	2010290950C	Initial	PARAMS	NA	Temperature	20.8	ºC	0	0	
600-G-138	10/29/20	2010290950C	Initial	PARAMS	NA	Turbidity	1.17	NTU	0	0	
600-G-138	09/01/20	2009011305C	Final	PARAMS	NA	Conductivity	1771	µS/cm	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/01/20	2009011305C	Final	PARAMS	NA	DTW	145.26	ft	0	0	
600-G-138	09/01/20	2009011305C	Final	PARAMS	NA	pH	7.6	NA	0	0	
600-G-138	09/01/20	2009011305C	Final	PARAMS	NA	Temperature	22.3	ºC	0	0	
600-G-138	09/01/20	2009011305C	Final	PARAMS	NA	Turbidity	1.7	NTU	0	0	
600-G-138	09/01/20	2009011300C	PFAS	537M	757124-72-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	0	ng/L	4.2	0.81	
600-G-138	09/01/20	2009011300C	PFAS	537M	27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	42	ng/L	4.2	0.55	FB
600-G-138	09/01/20	2009011300C	PFAS	537M	39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0	ng/L	4.2	0.15	
600-G-138	09/01/20	2009011300C	PFAS	537M	2991-50-6	N-Ethyl perfluorooctane sulfonamidoacetic acid	0	ng/L	4.2	0.5	
600-G-138	09/01/20	2009011300C	PFAS	537M	2355-31-9	N-Methyl perfluorooctane sulfonamidoacetic acid	0	ng/L	4.2	1.4	
600-G-138	09/01/20	2009011300C	PFAS	537M	375-73-5	Perfluorobutanesulfonic Acid	4.8	ng/L	4.2	0.28	
600-G-138	09/01/20	2009011300C	PFAS	537M	375-22-4	Perfluorobutanoic acid (PFBA)	26	ng/L	4.2	0.4	
600-G-138	09/01/20	2009011300C	PFAS	537M	335-77-3	Perfluorodecane sulfonic acid (PFDS)	0	ng/L	4.2	0.3	
600-G-138	09/01/20	2009011300C	PFAS	537M	335-76-2	Perfluorodecanoic Acid	0	ng/L	4.2	1.2	
600-G-138	09/01/20	2009011300C	PFAS	537M	307-55-1	Perfluorododecanoic Acid	0	ng/L	4.2	1.3	
600-G-138	09/01/20	2009011300C	PFAS	537M	375-92-8	Perfluoroheptane sulfonic acid (PFHpS)	0	ng/L	4.2	0.44	
600-G-138	09/01/20	2009011300C	PFAS	537M	375-85-9	Perfluoroheptanoic Acid	24	ng/L	4.2	0.63	
600-G-138	09/01/20	2009011300C	PFAS	537M	307-24-4	Perfluorohexanoic Acid	44	ng/L	9.2	8.8	
600-G-138	09/01/20	2009011300C	PFAS	537M	355-46-4	Perfluorohexylsulfonic Acid	9.6	ng/L	4.2	1.3	
600-G-138	09/01/20	2009011300C	PFAS	537M	68259-12-1	Perfluorononane sulfonic acid (PFNS)	0	ng/L	4.2	0.59	
600-G-138	09/01/20	2009011300C	PFAS	537M	375-95-1	Perfluorononanoic Acid	0	ng/L	4.2	1.1	
600-G-138	09/01/20	2009011300C	PFAS	537M	754-91-6	Perfluorooctane sulfonamide (FOSA)	0	ng/L	4.2	0.52	
600-G-138	09/01/20	2009011300C	PFAS	537M	335-67-1	Perfluorooctanoic Acid	9.5	ng/L	1.7	0.35	
600-G-138	09/01/20	2009011300C	PFAS	537M	1763-23-1	Perfluorooctylsulfonic Acid	0.66	ng/L	4.2	0.44	J
600-G-138	09/01/20	2009011300C	PFAS	537M	2706-91-4	Perfluoropentane sulfonic acid (PFPeS)	0	ng/L	4.2	1.6	
600-G-138	09/01/20	2009011300C	PFAS	537M	2706-90-3	Perfluoropentanoic Acid	38	ng/L	4.2	1.7	
600-G-138	09/01/20	2009011300C	PFAS	537M	376-06-7	Perfluorotetradecanoic Acid	0	ng/L	4.2	2	
600-G-138	09/01/20	2009011300C	PFAS	537M	72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0	ng/L	4.2	1.3	
600-G-138	09/01/20	2009011300C	PFAS	537M	2058-94-8	Perfluoroundecanoic Acid	0	ng/L	4.2	1.5	
600-G-138	09/01/20	2009011255C	Initial	PARAMS	NA	Conductivity	1785	µS/cm	0	0	
600-G-138	09/01/20	2009011255C	Initial	PARAMS	NA	DTW	144.96	ft	0	0	
600-G-138	09/01/20	2009011255C	Initial	PARAMS	NA	pH	7.54	NA	0	0	
600-G-138	09/01/20	2009011255C	Initial	PARAMS	NA	Temperature	22	ºC	0	0	
600-G-138	09/01/20	2009011255C	Initial	PARAMS	NA	Turbidity	2.03	NTU	0	0	
600-G-138	07/22/20	2007221454C	Final	PARAMS	NA	Conductivity	1765	µS/cm	0	0	
600-G-138	07/22/20	2007221454C	Final	PARAMS	NA	DTW	145.38	ft	0	0	
600-G-138	07/22/20	2007221454C	Final	PARAMS	NA	pH	7.49	NA	0	0	
600-G-138	07/22/20	2007221454C	Final	PARAMS	NA	Temperature	22.7	ºC	0	0	
600-G-138	07/22/20	2007221454C	Final	PARAMS	NA	Turbidity	1.48	NTU	0	0	
600-G-138	07/22/20	2007221453C	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.3	mg/L	0.5	0.02	
600-G-138	07/22/20	2007221452C	CHLORIDE	300.0	16887-00-6	Chloride	179	mg/L	8	1.7	
600-G-138	07/22/20	2007221450C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	35	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.2	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/22/20	2007221450C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	07/22/20	2007221450C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	07/22/20	2007221450C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.65	ug/L	1	0.2	J
600-G-138	07/22/20	2007221450C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	07/22/20	2007221450C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	07/22/20	2007221450C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	33	
600-G-138	07/22/20	2007221450C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	07/22/20	2007221450C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	07/22/20	2007221450C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	67-64-1	Acetone	0	ug/L	10	5	
600-G-138	07/22/20	2007221450C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	07/22/20	2007221450C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	07/22/20	2007221450C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	07/22/20	2007221450C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	07/22/20	2007221450C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	07/22/20	2007221450C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.42	
600-G-138	07/22/20	2007221450C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	07/22/20	2007221450C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	07/22/20	2007221450C	VOA	8260	67-66-3	Chloroform	0.45	ug/L	1	0.24	J
600-G-138	07/22/20	2007221450C	VOA	8260	74-87-3	Chloromethane	0.29	ug/L	2	0.28	J
600-G-138	07/22/20	2007221450C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	07/22/20	2007221450C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	07/22/20	2007221450C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	07/22/20	2007221450C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.65	
600-G-138	07/22/20	2007221450C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	4.3	
600-G-138	07/22/20	2007221450C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	07/22/20	2007221450C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	07/22/20	2007221450C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/22/20	2007221450C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	07/22/20	2007221450C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	07/22/20	2007221450C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	07/22/20	2007221450C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	07/22/20	2007221450C	VOA	8260	79-01-6	Trichloroethene (TCE)	43	ug/L	1	0.2	
600-G-138	07/22/20	2007221450C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.5	ug/L	1	0.24	J
600-G-138	07/22/20	2007221450C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/22/20	2007221450C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	07/22/20	2007221440C	Initial	PARAMS	NA	Conductivity	1744	µS/cm	0	0	
600-G-138	07/22/20	2007221440C	Initial	PARAMS	NA	DTW	144.96	ft	0	0	
600-G-138	07/22/20	2007221440C	Initial	PARAMS	NA	pH	7.65	NA	0	0	
600-G-138	07/22/20	2007221440C	Initial	PARAMS	NA	Temperature	22.4	ºC	0	0	
600-G-138	07/22/20	2007221440C	Initial	PARAMS	NA	Turbidity	1.79	NTU	0	0	
600-G-138	04/27/20	2004271105B	Final	PARAMS	NA	Conductivity	1815	µS/cm	0	0	
600-G-138	04/27/20	2004271105B	Final	PARAMS	NA	pH	7.63	NA	0	0	
600-G-138	04/27/20	2004271105B	Final	PARAMS	NA	Temperature	23.2	ºC	0	0	
600-G-138	04/27/20	2004271105B	Final	PARAMS	NA	Turbidity	1.94	NTU	0	0	
600-G-138	04/27/20	2004271059B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	9.43	mg/L	0.25	0.008	
600-G-138	04/27/20	2004271058B	CHLORIDE	300.0	16887-00-6	Chloride	182	mg/L	6	1.3	
600-G-138	04/27/20	2004271057B	NDMA	607	314-40-9	Bromacil	22	µg/L	0.095	0.048	D
600-G-138	04/27/20	2004271057B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	µg/L	0.095	0.048	
600-G-138	04/27/20	2004271057B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	µg/L	0.095	0.048	
600-G-138	04/27/20	2004271055B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.21	
600-G-138	04/27/20	2004271055B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	31	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.25	
600-G-138	04/27/20	2004271055B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	04/27/20	2004271055B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	04/27/20	2004271055B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.64	ug/L	1	0.2	J
600-G-138	04/27/20	2004271055B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	04/27/20	2004271055B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.24	
600-G-138	04/27/20	2004271055B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	04/27/20	2004271055B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	17	
600-G-138	04/27/20	2004271055B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	04/27/20	2004271055B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	04/27/20	2004271055B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/20	2004271055B	VOA	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	04/27/20	2004271055B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	04/27/20	2004271055B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	04/27/20	2004271055B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	04/27/20	2004271055B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.22	
600-G-138	04/27/20	2004271055B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	04/27/20	2004271055B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	04/27/20	2004271055B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.25	
600-G-138	04/27/20	2004271055B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	04/27/20	2004271055B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	04/27/20	2004271055B	VOA	8260	67-66-3	Chloroform	0.64	ug/L	1	0.24	J
600-G-138	04/27/20	2004271055B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	04/27/20	2004271055B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	04/27/20	2004271055B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	04/27/20	2004271055B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	04/27/20	2004271055B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.36	
600-G-138	04/27/20	2004271055B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	04/27/20	2004271055B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	04/27/20	2004271055B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	04/27/20	2004271055B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	04/27/20	2004271055B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	04/27/20	2004271055B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	04/27/20	2004271055B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	04/27/20	2004271055B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	04/27/20	2004271055B	VOA	8260	79-01-6	Trichloroethene (TCE)	41	ug/L	1	0.2	
600-G-138	04/27/20	2004271055B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.4	ug/L	1	0.24	J
600-G-138	04/27/20	2004271055B	VOA	8260	TIC	Unknown	9.3	ug/L	0		TIC RB TB FB
600-G-138	04/27/20	2004271055B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/27/20	2004271055B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	04/27/20	2004271050B	Initial	PARAMS	NA	Conductivity	1805	µS/cm	0	0	
600-G-138	04/27/20	2004271050B	Initial	PARAMS	NA	DTW	145	ft	0	0	
600-G-138	04/27/20	2004271050B	Initial	PARAMS	NA	pH	7.7	NA	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/20	2004271050B	Initial	PARAMS	NA	Temperature	23	ºC	0	0	
600-G-138	04/27/20	2004271050B	Initial	PARAMS	NA	Turbidity	2.51	NTU	0	0	
600-G-138	01/17/20	2001171315B	Final	PARAMS	NA	Conductivity	1709	µS/cm	0	0	
600-G-138	01/17/20	2001171315B	Final	PARAMS	NA	DTW	145.47	ft	0	0	
600-G-138	01/17/20	2001171315B	Final	PARAMS	NA	pH	7.68	NA	0	0	
600-G-138	01/17/20	2001171315B	Final	PARAMS	NA	Temperature	14.9	ºC	0	0	
600-G-138	01/17/20	2001171315B	Final	PARAMS	NA	Turbidity	1.4	NTU	0	0	
600-G-138	01/17/20	2001171308B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.2	mg/L	0.5	0.02	
600-G-138	01/17/20	2001171307B	CHLORIDE	300.0	16887-00-6	Chloride	182	mg/L	6	1.3	
600-G-138	01/17/20	2001171306B	PERCHLORATE	6850	14797-73-0	Perchlorate	1.7	ug/L	0.2	0.06	
600-G-138	01/17/20	2001171305B	TDS	SM2540C	NA	Total Dissolved Solids (TDS)	1290	mg/L	13	12	
600-G-138	01/17/20	2001171304B	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	209	mg/L	2	1.8	
600-G-138	01/17/20	2001171304B	ANIONS	ANIONS	16887-00-6	Chloride	185	mg/L	8	1.7	
600-G-138	01/17/20	2001171304B	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.58	mg/L	0.1	0.01	
600-G-138	01/17/20	2001171304B	ANIONS	ANIONS	14808-79-8	Sulfate	463	mg/L	20	4	
600-G-138	01/17/20	2001171303B	METALS	METALS	7429-90-5	Aluminum, Total	0	mg/L	0.1	0.03	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-36-0	Antimony, Total	0.0006	mg/L	0.001	0.0002	J
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-38-2	Arsenic, Total	0.0015	mg/L	0.001	0.0004	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-39-3	Barium, Total	0.048	mg/L	0.02	0.003	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-42-8	Boron, Total	0.81	mg/L	0.2	0.02	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-70-2	Calcium, Total	138	mg/L	1	0.3	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-47-3	Chromium, Total	0.006	mg/L	0.01	0.0006	J
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.0009	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.004	
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-89-6	Iron, Total	0.06	mg/L	0.1	0.02	J
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-95-4	Magnesium, Total	88.1	mg/L	1	0.03	
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.004	
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	
600-G-138	01/17/20	2001171303B	METALS	METALS	7439-98-7	Molybdenum, Total	0.014	mg/L	0.025	0.003	J
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-09-7	Potassium, Total	4.5	mg/L	2	0.2	
600-G-138	01/17/20	2001171303B	METALS	METALS	7782-49-2	Selenium, Total	0.017	mg/L	0.01	0.005	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-23-5	Sodium, Total	140	mg/L	1	0.2	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-24-6	Strontium, Total	4.74	mg/L	0.1	0.0009	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00009	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.008	
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-62-2	Vanadium, Total	0.001	mg/L	0.05	0.0007	J
600-G-138	01/17/20	2001171303B	METALS	METALS	7440-66-6	Zinc, Total	0	mg/L	0.02	0.01	
600-G-138	01/17/20	2001171301B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.21	
600-G-138	01/17/20	2001171301B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	36	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/17/20	2001171301B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-35-4	1,1-Dichloroethene	0.53	ug/L	1	0.25	J
600-G-138	01/17/20	2001171301B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	01/17/20	2001171301B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/17/20	2001171301B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.71	ug/L	1	0.2	J
600-G-138	01/17/20	2001171301B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/17/20	2001171301B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.24	
600-G-138	01/17/20	2001171301B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/17/20	2001171301B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	17	
600-G-138	01/17/20	2001171301B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	
600-G-138	01/17/20	2001171301B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/17/20	2001171301B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	01/17/20	2001171301B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/17/20	2001171301B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	01/17/20	2001171301B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	01/17/20	2001171301B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.22	
600-G-138	01/17/20	2001171301B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	01/17/20	2001171301B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/17/20	2001171301B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.25	
600-G-138	01/17/20	2001171301B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/17/20	2001171301B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/17/20	2001171301B	VOA	8260	67-66-3	Chloroform	0.68	ug/L	1	0.24	J
600-G-138	01/17/20	2001171301B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	01/17/20	2001171301B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	01/17/20	2001171301B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	01/17/20	2001171301B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	01/17/20	2001171301B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.36	
600-G-138	01/17/20	2001171301B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	01/17/20	2001171301B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/17/20	2001171301B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	01/17/20	2001171301B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/17/20	2001171301B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	01/17/20	2001171301B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	01/17/20	2001171301B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	01/17/20	2001171301B	VOA	8260	108-88-3	Toluene	0.23	ug/L	1	0.2	J
600-G-138	01/17/20	2001171301B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	01/17/20	2001171301B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	01/17/20	2001171301B	VOA	8260	79-01-6	Trichloroethene (TCE)	52	ug/L	1	0.2	
600-G-138	01/17/20	2001171301B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.41	ug/L	1	0.24	J
600-G-138	01/17/20	2001171301B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/17/20	2001171301B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	01/17/20	2001171300B	Initial	PARAMS	NA	Conductivity	1698	µS/cm	0	0	
600-G-138	01/17/20	2001171300B	Initial	PARAMS	NA	DTW	145.1	ft	0	0	
600-G-138	01/17/20	2001171300B	Initial	PARAMS	NA	pH	7.87	NA	0	0	
600-G-138	01/17/20	2001171300B	Initial	PARAMS	NA	Temperature	14.4	ºC	0	0	
600-G-138	01/17/20	2001171300B	Initial	PARAMS	NA	Turbidity	1.98	NTU	0	0	
600-G-138	10/30/19	1910301045A	Final	PARAMS	NA	Conductivity	1692	µS/cm	0	0	
600-G-138	10/30/19	1910301045A	Final	PARAMS	NA	DTW	145.16	ft	0	0	
600-G-138	10/30/19	1910301045A	Final	PARAMS	NA	pH	7.43	NA	0	0	
600-G-138	10/30/19	1910301045A	Final	PARAMS	NA	Temperature	19.4	ºC	0	0	
600-G-138	10/30/19	1910301045A	Final	PARAMS	NA	Turbidity	2.75	NTU	0	0	
600-G-138	10/30/19	1910301044A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	9.09	mg/L	0.5	0.02	
600-G-138	10/30/19	1910301043A	CHLORIDE	300.0	16887-00-6	Chloride	214	mg/L	6	1.3	
600-G-138	10/30/19	1910301041A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.21	
600-G-138	10/30/19	1910301041A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	37	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.25	
600-G-138	10/30/19	1910301041A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	10/30/19	1910301041A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/30/19	1910301041A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.6	ug/L	1	0.2	J
600-G-138	10/30/19	1910301041A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	10/30/19	1910301041A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.24	
600-G-138	10/30/19	1910301041A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/30/19	1910301041A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	17	
600-G-138	10/30/19	1910301041A	VOA	8260	67-63-0	2-Propanol	13	ug/L	50	3.4	J RB
600-G-138	10/30/19	1910301041A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/30/19	1910301041A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/30/19	1910301041A	VOA	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	10/30/19	1910301041A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	10/30/19	1910301041A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	10/30/19	1910301041A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	10/30/19	1910301041A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.22	
600-G-138	10/30/19	1910301041A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	10/30/19	1910301041A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/30/19	1910301041A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.25	
600-G-138	10/30/19	1910301041A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/30/19	1910301041A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/30/19	1910301041A	VOA	8260	67-66-3	Chloroform	0.47	ug/L	1	0.24	J
600-G-138	10/30/19	1910301041A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	10/30/19	1910301041A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	10/30/19	1910301041A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	10/30/19	1910301041A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	10/30/19	1910301041A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.36	
600-G-138	10/30/19	1910301041A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	10/30/19	1910301041A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/30/19	1910301041A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	10/30/19	1910301041A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	10/30/19	1910301041A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	10/30/19	1910301041A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	10/30/19	1910301041A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	10/30/19	1910301041A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	10/30/19	1910301041A	VOA	8260	79-01-6	Trichloroethene (TCE)	45	ug/L	1	0.2	
600-G-138	10/30/19	1910301041A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.89	ug/L	1	0.24	J
600-G-138	10/30/19	1910301041A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/30/19	1910301041A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	10/30/19	1910301040A	Initial	PARAMS	NA	Conductivity	1704	µS/cm	0	0	
600-G-138	10/30/19	1910301040A	Initial	PARAMS	NA	DTW	144.98	ft	0	0	
600-G-138	10/30/19	1910301040A	Initial	PARAMS	NA	pH	7.5	NA	0	0	
600-G-138	10/30/19	1910301040A	Initial	PARAMS	NA	Temperature	19.6	ºC	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/30/19	1910301040A	Initial	PARAMS	NA	Turbidity	3.74	NTU	0	0	
600-G-138	07/23/19	1907231327B	Final	PARAMS	NA	Conductivity	1780	µS/cm	0	0	
600-G-138	07/23/19	1907231327B	Final	PARAMS	NA	DTW	147.13	ft	0	0	
600-G-138	07/23/19	1907231327B	Final	PARAMS	NA	pH	7.51	NA	0	0	
600-G-138	07/23/19	1907231327B	Final	PARAMS	NA	Temperature	19.8	ºC	0	0	
600-G-138	07/23/19	1907231327B	Final	PARAMS	NA	Turbidity	1.94	NTU	0	0	
600-G-138	07/23/19	1907231325B	PFAS	537M	27619-97-2	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	3.7	ng/L	4.4	0.55	J RB FB
600-G-138	07/23/19	1907231325B	PFAS	537M	39108-34-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	0	ng/L	4.4	0.15	
600-G-138	07/23/19	1907231325B	PFAS	537M	2991-50-6	N-Ethyl perfluorooctane sulfonamidoacetic acid	0	ng/L	4.4	0.5	
600-G-138	07/23/19	1907231325B	PFAS	537M	2355-31-9	N-Methyl perfluorooctane sulfonamidoacetic acid	0	ng/L	4.4	1.4	
600-G-138	07/23/19	1907231325B	PFAS	537M	375-73-5	Perfluorobutanesulfonic Acid	6.3	ng/L	4.4	0.28	
600-G-138	07/23/19	1907231325B	PFAS	537M	375-22-4	Perfluorobutanoic acid (PFBA)	21	ng/L	4.4	0.4	
600-G-138	07/23/19	1907231325B	PFAS	537M	335-77-3	Perfluorodecane sulfonic acid (PFDS)	0	ng/L	4.4	0.3	
600-G-138	07/23/19	1907231325B	PFAS	537M	335-76-2	Perfluorodecanoic Acid	0	ng/L	4.4	1.2	
600-G-138	07/23/19	1907231325B	PFAS	537M	307-55-1	Perfluorododecanoic Acid	0	ng/L	4.4	1.3	
600-G-138	07/23/19	1907231325B	PFAS	537M	375-92-8	Perfluoroheptane sulfonic acid (PFHpS)	0	ng/L	4.4	0.44	
600-G-138	07/23/19	1907231325B	PFAS	537M	375-85-9	Perfluoroheptanoic Acid	15	ng/L	4.4	0.63	
600-G-138	07/23/19	1907231325B	PFAS	537M	307-24-4	Perfluorohexanoic Acid	21	ng/L	9.2	8.8	
600-G-138	07/23/19	1907231325B	PFAS	537M	355-46-4	Perfluorohexylsulfonic Acid	5.2	ng/L	4.4	1.3	
600-G-138	07/23/19	1907231325B	PFAS	537M	375-95-1	Perfluorononanoic Acid	0	ng/L	4.4	1.1	
600-G-138	07/23/19	1907231325B	PFAS	537M	754-91-6	Perfluorooctane sulfonamide (FOSA)	0	ng/L	4.4	0.52	
600-G-138	07/23/19	1907231325B	PFAS	537M	1763-23-1	Perfluorooctane sulfonic acid (PFOS)	0.84	ng/L	4.4	0.44	J
600-G-138	07/23/19	1907231325B	PFAS	537M	335-67-1	Perfluorooctanoic Acid	10	ng/L	1.8	0.35	
600-G-138	07/23/19	1907231325B	PFAS	537M	2706-90-3	Perfluoropentanoic Acid	31	ng/L	4.4	1.7	
600-G-138	07/23/19	1907231325B	PFAS	537M	376-06-7	Perfluorotetradecanoic Acid	0	ng/L	4.4	2	
600-G-138	07/23/19	1907231325B	PFAS	537M	72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0	ng/L	4.4	1.3	
600-G-138	07/23/19	1907231325B	PFAS	537M	2058-94-8	Perfluoroundecanoic Acid	0	ng/L	4.4	1.5	
600-G-138	07/23/19	1907231324B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.9	mg/L	0.5	0.02	
600-G-138	07/23/19	1907231323B	CHLORIDE	300.0	16887-00-6	Chloride	177	mg/L	8	1.7	
600-G-138	07/23/19	1907231321B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.21	
600-G-138	07/23/19	1907231321B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	37	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.25	
600-G-138	07/23/19	1907231321B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	07/23/19	1907231321B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	07/23/19	1907231321B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.73	ug/L	1	0.2	J
600-G-138	07/23/19	1907231321B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	07/23/19	1907231321B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.24	
600-G-138	07/23/19	1907231321B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	07/23/19	1907231321B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/23/19	1907231321B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	17	
600-G-138	07/23/19	1907231321B	VOA	8260	67-63-0	2-Propanol	250	ug/L	50	3.4	RB FB
600-G-138	07/23/19	1907231321B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	07/23/19	1907231321B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	67-64-1	Acetone	14	ug/L	10	2.1	RB FB
600-G-138	07/23/19	1907231321B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	07/23/19	1907231321B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	07/23/19	1907231321B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	07/23/19	1907231321B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.22	
600-G-138	07/23/19	1907231321B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	07/23/19	1907231321B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	07/23/19	1907231321B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.25	
600-G-138	07/23/19	1907231321B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	07/23/19	1907231321B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	07/23/19	1907231321B	VOA	8260	67-66-3	Chloroform	0.63	ug/L	1	0.24	J
600-G-138	07/23/19	1907231321B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	07/23/19	1907231321B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	07/23/19	1907231321B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	07/23/19	1907231321B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	07/23/19	1907231321B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.36	
600-G-138	07/23/19	1907231321B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	07/23/19	1907231321B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	07/23/19	1907231321B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	07/23/19	1907231321B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	07/23/19	1907231321B	VOA	8260	1066-40-6	Silanol, trimethyl-	5.1	ug/L	0		TIC
600-G-138	07/23/19	1907231321B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	07/23/19	1907231321B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	07/23/19	1907231321B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	07/23/19	1907231321B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	07/23/19	1907231321B	VOA	8260	79-01-6	Trichloroethene (TCE)	51	ug/L	1	0.2	
600-G-138	07/23/19	1907231321B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.43	ug/L	1	0.24	J
600-G-138	07/23/19	1907231321B	VOA	8260	TIC	Unknown	9.2	ug/L	0		TIC

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/23/19	1907231321B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/23/19	1907231321B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	07/23/19	1907231320B	Initial	PARAMS	NA	Conductivity	1769	µS/cm	0	0	
600-G-138	07/23/19	1907231320B	Initial	PARAMS	NA	DTW	145.12	ft	0	0	
600-G-138	07/23/19	1907231320B	Initial	PARAMS	NA	pH	7.58	NA	0	0	
600-G-138	07/23/19	1907231320B	Initial	PARAMS	NA	Temperature	20.1	ºC	0	0	
600-G-138	07/23/19	1907231320B	Initial	PARAMS	NA	Turbidity	2.67	NTU	0	0	
600-G-138	05/02/19	1905021410A	Final	PARAMS	NA	Conductivity	1750	µS/cm	0	0	
600-G-138	05/02/19	1905021410A	Final	PARAMS	NA	DTW	147.96	ft	0	0	
600-G-138	05/02/19	1905021410A	Final	PARAMS	NA	pH	7.62	NA	0	0	
600-G-138	05/02/19	1905021410A	Final	PARAMS	NA	Temperature	23.8	ºC	0	0	
600-G-138	05/02/19	1905021410A	Final	PARAMS	NA	Turbidity	8.6	NTU	0	0	
600-G-138	05/02/19	1905021405A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.7	mg/L	0.5	0.02	
600-G-138	05/02/19	1905021404A	CHLORIDE	300.0	16887-00-6	Chloride	171	mg/L	8	1.7	
600-G-138	05/02/19	1905021402A	NDMA	607	314-40-9	Bromacil	15	ug/L	0.038	0.019	D
600-G-138	05/02/19	1905021402A	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.038	0.019	
600-G-138	05/02/19	1905021402A	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.038	0.019	
600-G-138	05/02/19	1905021400A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.21	
600-G-138	05/02/19	1905021400A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	34	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-35-4	1,1-Dichloroethene	0.3	ug/L	1	0.25	J
600-G-138	05/02/19	1905021400A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.26	
600-G-138	05/02/19	1905021400A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	05/02/19	1905021400A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.65	ug/L	1	0.2	J
600-G-138	05/02/19	1905021400A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	05/02/19	1905021400A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.24	
600-G-138	05/02/19	1905021400A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	05/02/19	1905021400A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	17	
600-G-138	05/02/19	1905021400A	VOA	8260	67-63-0	2-Propanol	28	ug/L	50	3.4	J FB
600-G-138	05/02/19	1905021400A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	05/02/19	1905021400A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	05/02/19	1905021400A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	05/02/19	1905021400A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.9	
600-G-138	05/02/19	1905021400A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.9	
600-G-138	05/02/19	1905021400A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.22	
600-G-138	05/02/19	1905021400A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.25	
600-G-138	05/02/19	1905021400A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	05/02/19	1905021400A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.25	
600-G-138	05/02/19	1905021400A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	05/02/19	1905021400A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	05/02/19	1905021400A	VOA	8260	67-66-3	Chloroform	0.58	ug/L	1	0.24	J
600-G-138	05/02/19	1905021400A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	05/02/19	1905021400A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.23	
600-G-138	05/02/19	1905021400A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.26	
600-G-138	05/02/19	1905021400A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.21	
600-G-138	05/02/19	1905021400A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.36	
600-G-138	05/02/19	1905021400A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	05/02/19	1905021400A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	05/02/19	1905021400A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.24	
600-G-138	05/02/19	1905021400A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.2	
600-G-138	05/02/19	1905021400A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.21	
600-G-138	05/02/19	1905021400A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	05/02/19	1905021400A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.23	
600-G-138	05/02/19	1905021400A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.78	
600-G-138	05/02/19	1905021400A	VOA	8260	79-01-6	Trichloroethene (TCE)	43	ug/L	1	0.2	
600-G-138	05/02/19	1905021400A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.44	ug/L	1	0.24	J
600-G-138	05/02/19	1905021400A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	05/02/19	1905021400A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.2	
600-G-138	05/02/19	1905021355A	Initial	PARAMS	NA	Conductivity	1728	µS/cm	0	0	
600-G-138	05/02/19	1905021355A	Initial	PARAMS	NA	DTW	145.38	ft	0	0	
600-G-138	05/02/19	1905021355A	Initial	PARAMS	NA	pH	7.74	NA	0	0	
600-G-138	05/02/19	1905021355A	Initial	PARAMS	NA	Temperature	23.2	ºC	0	0	
600-G-138	05/02/19	1905021355A	Initial	PARAMS	NA	Turbidity	14.7	NTU	0	0	
600-G-138	01/28/19	1901281425A	Final	PARAMS	NA	Conductivity	1652	µS/cm	0	0	
600-G-138	01/28/19	1901281425A	Final	PARAMS	NA	DTW	147.48	ft	0	0	
600-G-138	01/28/19	1901281425A	Final	PARAMS	NA	pH	7.35	NA	0	0	
600-G-138	01/28/19	1901281425A	Final	PARAMS	NA	Temperature	21.7	ºC	0	0	
600-G-138	01/28/19	1901281425A	Final	PARAMS	NA	Turbidity	9.02	NTU	0	0	
600-G-138	01/28/19	1901281404A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.8	mg/L	0.5	0.02	
600-G-138	01/28/19	1901281403A	CHLORIDE	300.0	16887-00-6	Chloride	164	mg/L	6	0.4	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/28/19	1901281402A	METALS	METALS	7429-90-5	Aluminum, Total	0.46	mg/L	0.1	0.07	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0003	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-38-2	Arsenic, Total	0.0023	mg/L	0.001	0.0004	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-39-3	Barium, Total	0.056	mg/L	0.02	0.007	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0003	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-42-8	Boron, Total	0.82	mg/L	0.2	0.02	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0006	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-70-2	Calcium, Total	139	mg/L	1	0.3	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-47-3	Chromium, Total	0.072	mg/L	0.01	0.002	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.002	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-50-8	Copper, Total	0.007	mg/L	0.02	0.007	J
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-89-6	Iron, Total	1.25	mg/L	0.1	0.05	
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-95-4	Magnesium, Total	91.2	mg/L	1	0.2	
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-96-5	Manganese, Total	0.015	mg/L	0.01	0.006	
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	
600-G-138	01/28/19	1901281402A	METALS	METALS	7439-98-7	Molybdenum, Total	0.015	mg/L	0.025	0.003	J
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-02-0	Nickel, Total	0.009	mg/L	0.04	0.003	J
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-09-7	Potassium, Total	5.1	mg/L	2	0.2	
600-G-138	01/28/19	1901281402A	METALS	METALS	7782-49-2	Selenium, Total	0.006	mg/L	0.01	0.005	J
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-23-5	Sodium, Total	143	mg/L	1	0.2	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-24-6	Strontium, Total	4.87	mg/L	0.1	0.003	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-28-0	Thallium, Total	0.00005	mg/L	0.001	0.00004	J
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.05	0.002	
600-G-138	01/28/19	1901281402A	METALS	METALS	7440-66-6	Zinc, Total	0.041	mg/L	0.02	0.01	
600-G-138	01/28/19	1901281400A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/28/19	1901281400A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.25	
600-G-138	01/28/19	1901281400A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	40	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.25	
600-G-138	01/28/19	1901281400A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	75-35-4	1,1-Dichloroethene	0.38	ug/L	1	0.28	J
600-G-138	01/28/19	1901281400A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.33	
600-G-138	01/28/19	1901281400A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	01/28/19	1901281400A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.78	ug/L	1	0.33	J
600-G-138	01/28/19	1901281400A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.21	
600-G-138	01/28/19	1901281400A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	5.1	
600-G-138	01/28/19	1901281400A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	01/28/19	1901281400A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	01/28/19	1901281400A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.24	
600-G-138	01/28/19	1901281400A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.34	
600-G-138	01/28/19	1901281400A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	19	
600-G-138	01/28/19	1901281400A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	3.4	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/28/19	1901281400A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	01/28/19	1901281400A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.29	
600-G-138	01/28/19	1901281400A	VOA	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	01/28/19	1901281400A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	01/28/19	1901281400A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	1.2	
600-G-138	01/28/19	1901281400A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.84	
600-G-138	01/28/19	1901281400A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.31	
600-G-138	01/28/19	1901281400A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.36	
600-G-138	01/28/19	1901281400A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	01/28/19	1901281400A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.31	
600-G-138	01/28/19	1901281400A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	01/28/19	1901281400A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	01/28/19	1901281400A	VOA	8260	67-66-3	Chloroform	0.71	ug/L	1	0.28	J
600-G-138	01/28/19	1901281400A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	01/28/19	1901281400A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	01/28/19	1901281400A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	01/28/19	1901281400A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.31	
600-G-138	01/28/19	1901281400A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.44	
600-G-138	01/28/19	1901281400A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/28/19	1901281400A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.47	
600-G-138	01/28/19	1901281400A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	01/28/19	1901281400A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.21	
600-G-138	01/28/19	1901281400A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	01/28/19	1901281400A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.28	
600-G-138	01/28/19	1901281400A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.21	
600-G-138	01/28/19	1901281400A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.35	
600-G-138	01/28/19	1901281400A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.5	
600-G-138	01/28/19	1901281400A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.28	
600-G-138	01/28/19	1901281400A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	01/28/19	1901281400A	VOA	8260	108-88-3	Toluene	0.29	ug/L	1	0.2	J
600-G-138	01/28/19	1901281400A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	01/28/19	1901281400A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	01/28/19	1901281400A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.34	
600-G-138	01/28/19	1901281400A	VOA	8260	79-01-6	Trichloroethene (TCE)	51	ug/L	1	0.2	
600-G-138	01/28/19	1901281400A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.44	ug/L	1	0.27	J
600-G-138	01/28/19	1901281400A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.3	
600-G-138	01/28/19	1901281400A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.22	
600-G-138	01/28/19	1901281355A	Initial	PARAMS	NA	Conductivity	1647	µS/cm	0	0	
600-G-138	01/28/19	1901281355A	Initial	PARAMS	NA	DTW	145.2	ft	0	0	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/28/19	1901281355A	Initial	PARAMS	NA	pH	7.28	NA	0	0	
600-G-138	01/28/19	1901281355A	Initial	PARAMS	NA	Temperature	21.7	ºC	0	0	
600-G-138	01/28/19	1901281355A	Initial	PARAMS	NA	Turbidity	8.56	NTU	0	0	
600-G-138	10/24/18	1810241035A	Final	PARAMS	NA	Conductivity	1911	µS/cm	0	0	
600-G-138	10/24/18	1810241035A	Final	PARAMS	NA	DTW	147.38	ft	0	0	
600-G-138	10/24/18	1810241035A	Final	PARAMS	NA	pH	7.78	NA	0	0	
600-G-138	10/24/18	1810241035A	Final	PARAMS	NA	Temperature	20.4	ºC	0	0	
600-G-138	10/24/18	1810241035A	Final	PARAMS	NA	Turbidity	26.4	NTU	0	0	
600-G-138	10/24/18	1810241034A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.6	mg/L	0.5	0.007	
600-G-138	10/24/18	1810241033A	CHLORIDE	300.0	16887-00-6	Chloride	212	mg/L	8	0.5	
600-G-138	10/24/18	1810241031A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	10/24/18	1810241031A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.25	
600-G-138	10/24/18	1810241031A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	35	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.25	
600-G-138	10/24/18	1810241031A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	75-35-4	1,1-Dichloroethene	0.35	ug/L	1	0.28	J
600-G-138	10/24/18	1810241031A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.33	
600-G-138	10/24/18	1810241031A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	10/24/18	1810241031A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.46	ug/L	1	0.33	J
600-G-138	10/24/18	1810241031A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.21	
600-G-138	10/24/18	1810241031A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	5.1	
600-G-138	10/24/18	1810241031A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	10/24/18	1810241031A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	10/24/18	1810241031A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.24	
600-G-138	10/24/18	1810241031A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.34	
600-G-138	10/24/18	1810241031A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	19	
600-G-138	10/24/18	1810241031A	VOA	8260	67-63-0	2-Propanol	11	ug/L	50	3.4	J TB
600-G-138	10/24/18	1810241031A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	10/24/18	1810241031A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.29	
600-G-138	10/24/18	1810241031A	VOA	8260	67-64-1	Acetone	2.4	ug/L	10	2.1	J TB
600-G-138	10/24/18	1810241031A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	10/24/18	1810241031A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	1.2	
600-G-138	10/24/18	1810241031A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.84	
600-G-138	10/24/18	1810241031A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.31	
600-G-138	10/24/18	1810241031A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.36	
600-G-138	10/24/18	1810241031A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	10/24/18	1810241031A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.31	
600-G-138	10/24/18	1810241031A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	10/24/18	1810241031A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	10/24/18	1810241031A	VOA	8260	67-66-3	Chloroform	0.57	ug/L	1	0.28	J
600-G-138	10/24/18	1810241031A	VOA	8260	74-87-3	Chloromethane	0.32	ug/L	2	0.28	J TB
600-G-138	10/24/18	1810241031A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.26	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/24/18	1810241031A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	10/24/18	1810241031A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.31	
600-G-138	10/24/18	1810241031A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.44	
600-G-138	10/24/18	1810241031A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	10/24/18	1810241031A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.47	
600-G-138	10/24/18	1810241031A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	10/24/18	1810241031A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.21	
600-G-138	10/24/18	1810241031A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	10/24/18	1810241031A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.28	
600-G-138	10/24/18	1810241031A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.21	
600-G-138	10/24/18	1810241031A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.35	
600-G-138	10/24/18	1810241031A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.5	
600-G-138	10/24/18	1810241031A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.28	
600-G-138	10/24/18	1810241031A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	10/24/18	1810241031A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	10/24/18	1810241031A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	10/24/18	1810241031A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.34	
600-G-138	10/24/18	1810241031A	VOA	8260	79-01-6	Trichloroethene (TCE)	40	ug/L	1	0.2	
600-G-138	10/24/18	1810241031A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.44	ug/L	1	0.27	J
600-G-138	10/24/18	1810241031A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.3	
600-G-138	10/24/18	1810241031A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.22	
600-G-138	10/24/18	1810241030A	Initial	PARAMS	NA	Conductivity	1920	µS/cm	0	0	
600-G-138	10/24/18	1810241030A	Initial	PARAMS	NA	DTW	145.3	ft	0	0	
600-G-138	10/24/18	1810241030A	Initial	PARAMS	NA	pH	7.65	NA	0	0	
600-G-138	10/24/18	1810241030A	Initial	PARAMS	NA	Temperature	19.9	ºC	0	0	
600-G-138	10/24/18	1810241030A	Initial	PARAMS	NA	Turbidity	28.6	NTU	0	0	
600-G-138	08/15/18	1808151345B	Final	PARAMS	NA	Conductivity	1876	µS/cm	0	0	
600-G-138	08/15/18	1808151345B	Final	PARAMS	NA	DTW	147.67	ft	0	0	
600-G-138	08/15/18	1808151345B	Final	PARAMS	NA	pH	6.97	NA	0	0	
600-G-138	08/15/18	1808151345B	Final	PARAMS	NA	Temperature	26.3	ºC	0	0	
600-G-138	08/15/18	1808151345B	Final	PARAMS	NA	Turbidity	3.62	NTU	0	0	
600-G-138	08/15/18	1808151342B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.2	mg/L	0.5	0.007	
600-G-138	08/15/18	1808151340B	CHLORIDE	300.0	16887-00-6	Chloride	236	mg/L	8	0.5	
600-G-138	08/15/18	1808151336B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151336B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151336B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	64	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.28	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	08/15/18	1808151336B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.33	
600-G-138	08/15/18	1808151336B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	08/15/18	1808151336B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	1	0.33	
600-G-138	08/15/18	1808151336B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.21	
600-G-138	08/15/18	1808151336B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	5.1	
600-G-138	08/15/18	1808151336B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	08/15/18	1808151336B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	08/15/18	1808151336B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.24	
600-G-138	08/15/18	1808151336B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	0.34	
600-G-138	08/15/18	1808151336B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	19	
600-G-138	08/15/18	1808151336B	VOA-D	8260	67-63-0	2-Propanol	4.3	ug/L	50	3.4	J
600-G-138	08/15/18	1808151336B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	08/15/18	1808151336B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.29	
600-G-138	08/15/18	1808151336B	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	2.1	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	1.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.84	
600-G-138	08/15/18	1808151336B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-27-4	Bromodichloromethane	2.7	ug/L	1	0.31	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-25-2	Bromoform	8.1	ug/L	1	0.36	
600-G-138	08/15/18	1808151336B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.31	
600-G-138	08/15/18	1808151336B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	08/15/18	1808151336B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	
600-G-138	08/15/18	1808151336B	VOA-D	8260	67-66-3	Chloroform	1.2	ug/L	1	0.28	
600-G-138	08/15/18	1808151336B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	08/15/18	1808151336B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	08/15/18	1808151336B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	08/15/18	1808151336B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.31	
600-G-138	08/15/18	1808151336B	VOA-D	8260	124-48-1	Dibromochloromethane	7.5	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.44	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.47	
600-G-138	08/15/18	1808151336B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.21	
600-G-138	08/15/18	1808151336B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	08/15/18	1808151336B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.28	
600-G-138	08/15/18	1808151336B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.21	
600-G-138	08/15/18	1808151336B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.35	
600-G-138	08/15/18	1808151336B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	1.5	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	08/15/18	1808151336B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.28	
600-G-138	08/15/18	1808151336B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	08/15/18	1808151336B	VOA-D	8260	108-88-3	Toluene	0.82	ug/L	1	0.2	J
600-G-138	08/15/18	1808151336B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	08/15/18	1808151336B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	08/15/18	1808151336B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.34	
600-G-138	08/15/18	1808151336B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	52	ug/L	1	0.2	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	3	ug/L	1	0.27	
600-G-138	08/15/18	1808151336B	VOA-D	8260	TIC	Unknown	8.8	ug/L	0		TIC
600-G-138	08/15/18	1808151336B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.3	
600-G-138	08/15/18	1808151336B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.22	
600-G-138	08/15/18	1808151335B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151335B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151335B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	59	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.25	
600-G-138	08/15/18	1808151335B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.28	
600-G-138	08/15/18	1808151335B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.33	
600-G-138	08/15/18	1808151335B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.45	
600-G-138	08/15/18	1808151335B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	1	0.33	
600-G-138	08/15/18	1808151335B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.21	
600-G-138	08/15/18	1808151335B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	5.1	
600-G-138	08/15/18	1808151335B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	08/15/18	1808151335B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.78	
600-G-138	08/15/18	1808151335B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.24	
600-G-138	08/15/18	1808151335B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.34	
600-G-138	08/15/18	1808151335B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	19	
600-G-138	08/15/18	1808151335B	VOA	8260	67-63-0	2-Propanol	31	ug/L	50	3.4	J
600-G-138	08/15/18	1808151335B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.36	
600-G-138	08/15/18	1808151335B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.29	
600-G-138	08/15/18	1808151335B	VOA	8260	67-64-1	Acetone	2.5	ug/L	10	2.1	J FB
600-G-138	08/15/18	1808151335B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	5.2	
600-G-138	08/15/18	1808151335B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	1.2	
600-G-138	08/15/18	1808151335B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	0.84	
600-G-138	08/15/18	1808151335B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	75-27-4	Bromodichloromethane	2.5	ug/L	1	0.31	
600-G-138	08/15/18	1808151335B	VOA	8260	75-25-2	Bromoform	7.3	ug/L	1	0.36	
600-G-138	08/15/18	1808151335B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.7	
600-G-138	08/15/18	1808151335B	VOA	8260	128-37-0	Butylated Hydroxytoluene	65	ug/L	0		TIC
600-G-138	08/15/18	1808151335B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.31	
600-G-138	08/15/18	1808151335B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.34	
600-G-138	08/15/18	1808151335B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.23	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	08/15/18	1808151335B	VOA	8260	67-66-3	Chloroform	1.2	ug/L	1	0.28	
600-G-138	08/15/18	1808151335B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.28	
600-G-138	08/15/18	1808151335B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	08/15/18	1808151335B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	08/15/18	1808151335B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.31	
600-G-138	08/15/18	1808151335B	VOA	8260	124-48-1	Dibromochloromethane	7.1	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.44	
600-G-138	08/15/18	1808151335B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	08/15/18	1808151335B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.47	
600-G-138	08/15/18	1808151335B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	1.2	
600-G-138	08/15/18	1808151335B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.21	
600-G-138	08/15/18	1808151335B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.52	
600-G-138	08/15/18	1808151335B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.28	
600-G-138	08/15/18	1808151335B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.21	
600-G-138	08/15/18	1808151335B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.35	
600-G-138	08/15/18	1808151335B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.5	
600-G-138	08/15/18	1808151335B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	7446-09-5	Sulfur Dioxide	15	ug/L	0		TIC
600-G-138	08/15/18	1808151335B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.28	
600-G-138	08/15/18	1808151335B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	1.3	
600-G-138	08/15/18	1808151335B	VOA	8260	108-88-3	Toluene	0.72	ug/L	1	0.2	J
600-G-138	08/15/18	1808151335B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.26	
600-G-138	08/15/18	1808151335B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.3	
600-G-138	08/15/18	1808151335B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.34	
600-G-138	08/15/18	1808151335B	VOA	8260	79-01-6	Trichloroethene (TCE)	47	ug/L	1	0.2	
600-G-138	08/15/18	1808151335B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	2.6	ug/L	1	0.27	
600-G-138	08/15/18	1808151335B	VOA	8260	TIC	Unknown	9.5	ug/L	0		TIC
600-G-138	08/15/18	1808151335B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.3	
600-G-138	08/15/18	1808151335B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.22	
600-G-138	08/15/18	1808151330B	Initial	PARAMS	NA	Conductivity	1873	µS/cm	0	0	
600-G-138	08/15/18	1808151330B	Initial	PARAMS	NA	DTW	146	ft	0	0	
600-G-138	08/15/18	1808151330B	Initial	PARAMS	NA	pH	7.02	NA	0	0	
600-G-138	08/15/18	1808151330B	Initial	PARAMS	NA	Temperature	26.4	ºC	0	0	
600-G-138	08/15/18	1808151330B	Initial	PARAMS	NA	Turbidity	3.45	NTU	0	0	
600-G-138	04/27/18	1804271320B	Final	PARAMS	NA	Conductivity	1868	µS/cm	0	0	
600-G-138	04/27/18	1804271320B	Final	PARAMS	NA	DTW	147.16	ft	0	0	
600-G-138	04/27/18	1804271320B	Final	PARAMS	NA	pH	8.11	NA	0	0	
600-G-138	04/27/18	1804271320B	Final	PARAMS	NA	Temperature	19.4	ºC	0	0	
600-G-138	04/27/18	1804271320B	Final	PARAMS	NA	Turbidity	2.02	NTU	0	0	
600-G-138	04/27/18	1804271315B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.1	mg/L	0.5	0.007	
600-G-138	04/27/18	1804271314B	CHLORIDE	300.0	16887-00-6	Chloride	207	mg/L	10	0.6	
600-G-138	04/27/18	1804271313B	NDMA	607	314-40-9	Bromacil	21	ug/L	0.095	0.048	D
600-G-138	04/27/18	1804271313B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.095	0.048	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/18	1804271313B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.095	0.048	
600-G-138	04/27/18	1804271311B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/27/18	1804271311B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/27/18	1804271311B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/27/18	1804271311B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.8	ug/L	1	0.31	
600-G-138	04/27/18	1804271311B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/27/18	1804271311B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	04/27/18	1804271311B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/27/18	1804271311B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/27/18	1804271311B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/27/18	1804271311B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.38	ug/L	1	0.21	J
600-G-138	04/27/18	1804271311B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/27/18	1804271311B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/27/18	1804271311B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/27/18	1804271311B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/27/18	1804271311B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/27/18	1804271311B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/27/18	1804271311B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/27/18	1804271311B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/27/18	1804271311B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/27/18	1804271311B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/27/18	1804271311B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/27/18	1804271311B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/27/18	1804271311B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/27/18	1804271311B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/27/18	1804271311B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	75-27-4	Bromodichloromethane	0.63	ug/L	1	0.32	J
600-G-138	04/27/18	1804271311B	VOA	8260	75-25-2	Bromoform	2.4	ug/L	1	0.42	
600-G-138	04/27/18	1804271311B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/27/18	1804271311B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/27/18	1804271311B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/27/18	1804271311B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/27/18	1804271311B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/27/18	1804271311B	VOA	8260	67-66-3	Chloroform	0.83	ug/L	1	0.25	J
600-G-138	04/27/18	1804271311B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/27/18	1804271311B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/27/18	1804271311B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/27/18	1804271311B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/27/18	1804271311B	VOA	8260	124-48-1	Dibromochloromethane	2.1	ug/L	1	0.31	
600-G-138	04/27/18	1804271311B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/27/18	1804271311B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/27/18	1804271311B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/27/18	1804271311B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	04/27/18	1804271311B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/27/18	1804271311B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/27/18	1804271311B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/27/18	1804271311B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/27/18	1804271311B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/27/18	1804271311B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/27/18	1804271311B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/27/18	1804271311B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/27/18	1804271311B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/27/18	1804271311B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/27/18	1804271311B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/27/18	1804271311B	VOA	8260	108-88-3	Toluene	0.2	ug/L	1	0.2	J
600-G-138	04/27/18	1804271311B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/27/18	1804271311B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/27/18	1804271311B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/27/18	1804271311B	VOA	8260	79-01-6	Trichloroethene (TCE)	50	ug/L	1	0.22	
600-G-138	04/27/18	1804271311B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.39	ug/L	1	0.2	J
600-G-138	04/27/18	1804271311B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/27/18	1804271311B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/27/18	1804271310B	Initial	PARAMS	NA	Conductivity	1850	µS/cm	0	0	
600-G-138	04/27/18	1804271310B	Initial	PARAMS	NA	DTW	145.9	ft	0	0	
600-G-138	04/27/18	1804271310B	Initial	PARAMS	NA	pH	8.27	NA	0	0	
600-G-138	04/27/18	1804271310B	Initial	PARAMS	NA	Temperature	19.6	ºC	0	0	
600-G-138	04/27/18	1804271310B	Initial	PARAMS	NA	Turbidity	2.42	NTU	0	0	
600-G-138	03/06/18	1803271322B	Final	PARAMS	NA	Conductivity	1852	µS/cm	0	0	
600-G-138	03/06/18	1803271322B	Final	PARAMS	NA	DTW	146.57	ft	0	0	
600-G-138	03/06/18	1803271322B	Final	PARAMS	NA	pH	7.7	NA	0	0	
600-G-138	03/06/18	1803271322B	Final	PARAMS	NA	Temperature	21.9	ºC	0	0	
600-G-138	03/06/18	1803271322B	Final	PARAMS	NA	Turbidity	2.89	NTU	0	0	
600-G-138	03/06/18	1803271320B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11	mg/L	0.5	0.007	
600-G-138	03/06/18	1803271319B	CHLORIDE	300.0	16887-00-6	Chloride	205	mg/L	10	0.6	
600-G-138	03/06/18	1803271318B	METALS	METALS	7429-90-5	Aluminum, Total	0.74	mg/L	0.1	0.07	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-36-0	Antimony, Total	0.0008	mg/L	0.001	0.0003	J
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-38-2	Arsenic, Total	0.0022	mg/L	0.001	0.0004	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-39-3	Barium, Total	0.065	mg/L	0.02	0.007	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0003	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.02	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0006	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-70-2	Calcium, Total	156	mg/L	1	0.3	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-47-3	Chromium, Total	0.017	mg/L	0.01	0.002	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.002	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-50-8	Copper, Total	0.009	mg/L	0.02	0.007	J
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-89-6	Iron, Total	0.67	mg/L	0.1	0.05	
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.003	
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-95-4	Magnesium, Total	102	mg/L	1	0.2	
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-96-5	Manganese, Total	0.019	mg/L	0.01	0.006	
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00008	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803271318B	METALS	METALS	7439-98-7	Molybdenum, Total	0.011	mg/L	0.025	0.003	J
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-02-0	Nickel, Total	0.009	mg/L	0.04	0.003	J
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-09-7	Potassium, Total	5.4	mg/L	2	0.2	
600-G-138	03/06/18	1803271318B	METALS	METALS	7782-49-2	Selenium, Total	0.013	mg/L	0.01	0.005	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-23-5	Sodium, Total	130	mg/L	5	0.9	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-24-6	Strontium, Total	5.45	mg/L	0.1	0.003	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00004	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.002	J
600-G-138	03/06/18	1803271318B	METALS	METALS	7440-66-6	Zinc, Total	0.048	mg/L	0.02	0.01	RB
600-G-138	03/06/18	1803271316B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	03/06/18	1803271316B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	03/06/18	1803271316B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	03/06/18	1803271316B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	54	ug/L	1	0.31	
600-G-138	03/06/18	1803271316B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.74	ug/L	1	0.57	J
600-G-138	03/06/18	1803271316B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	03/06/18	1803271316B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	03/06/18	1803271316B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271316B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.89	ug/L	1	0.21	J
600-G-138	03/06/18	1803271316B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	03/06/18	1803271316B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	03/06/18	1803271316B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271316B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	03/06/18	1803271316B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	03/06/18	1803271316B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	03/06/18	1803271316B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	03/06/18	1803271316B	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	03/06/18	1803271316B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	03/06/18	1803271316B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	03/06/18	1803271316B	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	03/06/18	1803271316B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	03/06/18	1803271316B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	03/06/18	1803271316B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	03/06/18	1803271316B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	03/06/18	1803271316B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	03/06/18	1803271316B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	03/06/18	1803271316B	VOA-D	8260	67-66-3	Chloroform	0.65	ug/L	1	0.25	J
600-G-138	03/06/18	1803271316B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803271316B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	03/06/18	1803271316B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271316B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	03/06/18	1803271316B	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	03/06/18	1803271316B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	03/06/18	1803271316B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	03/06/18	1803271316B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	03/06/18	1803271316B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	03/06/18	1803271316B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	03/06/18	1803271316B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	03/06/18	1803271316B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	03/06/18	1803271316B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	03/06/18	1803271316B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	03/06/18	1803271316B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	03/06/18	1803271316B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	03/06/18	1803271316B	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	03/06/18	1803271316B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271316B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	03/06/18	1803271316B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	65	ug/L	1	0.22	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.59	ug/L	1	0.2	J
600-G-138	03/06/18	1803271316B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	03/06/18	1803271316B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271315B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	03/06/18	1803271315B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	03/06/18	1803271315B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	03/06/18	1803271315B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	50	ug/L	1	0.31	
600-G-138	03/06/18	1803271315B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	03/06/18	1803271315B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	75-35-4	1,1-Dichloroethene	0.72	ug/L	1	0.57	J
600-G-138	03/06/18	1803271315B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	03/06/18	1803271315B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	03/06/18	1803271315B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271315B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.95	ug/L	1	0.21	J
600-G-138	03/06/18	1803271315B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	03/06/18	1803271315B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	03/06/18	1803271315B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271315B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	03/06/18	1803271315B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	03/06/18	1803271315B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803271315B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	03/06/18	1803271315B	VOA	8260	67-63-0	2-Propanol	13	ug/L	50	8.6	J
600-G-138	03/06/18	1803271315B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	03/06/18	1803271315B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	03/06/18	1803271315B	VOA	8260	67-64-1	Acetone	1.4	ug/L	10	1.3	J FB
600-G-138	03/06/18	1803271315B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	03/06/18	1803271315B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	03/06/18	1803271315B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	03/06/18	1803271315B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271315B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	03/06/18	1803271315B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	03/06/18	1803271315B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	03/06/18	1803271315B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	03/06/18	1803271315B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	03/06/18	1803271315B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	03/06/18	1803271315B	VOA	8260	67-66-3	Chloroform	0.77	ug/L	1	0.25	J
600-G-138	03/06/18	1803271315B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	03/06/18	1803271315B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	03/06/18	1803271315B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271315B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	03/06/18	1803271315B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	03/06/18	1803271315B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	03/06/18	1803271315B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	03/06/18	1803271315B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	03/06/18	1803271315B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	03/06/18	1803271315B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	03/06/18	1803271315B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	03/06/18	1803271315B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	03/06/18	1803271315B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	03/06/18	1803271315B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	03/06/18	1803271315B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	03/06/18	1803271315B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	03/06/18	1803271315B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	03/06/18	1803271315B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	03/06/18	1803271315B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	03/06/18	1803271315B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	03/06/18	1803271315B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	03/06/18	1803271315B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	03/06/18	1803271315B	VOA	8260	79-01-6	Trichloroethene (TCE)	63	ug/L	1	0.22	
600-G-138	03/06/18	1803271315B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.66	ug/L	1	0.2	J
600-G-138	03/06/18	1803271315B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	03/06/18	1803271315B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803271310B	Initial	PARAMS	NA	Conductivity	1840	µS/cm	0	0	
600-G-138	03/06/18	1803271310B	Initial	PARAMS	NA	DTW	145.89	ft	0	0	
600-G-138	03/06/18	1803271310B	Initial	PARAMS	NA	pH	7.84	NA	0	0	
600-G-138	03/06/18	1803271310B	Initial	PARAMS	NA	Temperature	21.6	ºC	0	0	
600-G-138	03/06/18	1803271310B	Initial	PARAMS	NA	Turbidity	3.23	NTU	0	0	
600-G-138	03/06/18	1803061340B	Final	PARAMS	NA	Conductivity	1929	µS/cm	0	0	R
600-G-138	03/06/18	1803061340B	Final	PARAMS	NA	DTW	147.38	ft	0	0	R
600-G-138	03/06/18	1803061340B	Final	PARAMS	NA	pH	8.21	NA	0	0	R
600-G-138	03/06/18	1803061340B	Final	PARAMS	NA	Temperature	17.5	ºC	0	0	R
600-G-138	03/06/18	1803061340B	Final	PARAMS	NA	Turbidity	4.12	NTU	0	0	R
600-G-138	03/06/18	1803061336B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.2	mg/L	0.5	0.007	R
600-G-138	03/06/18	1803061335B	CHLORIDE	300.0	16887-00-6	Chloride	202	mg/L	8	0.5	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7429-90-5	Aluminum, Total	0.21	mg/L	0.1	0.1	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0007	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-38-2	Arsenic, Total	0.0042	mg/L	0.001	0.0004	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-39-3	Barium, Total	0.052	mg/L	0.02	0.013	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0007	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-42-8	Boron, Total	0.62	mg/L	0.2	0.08	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0009	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-70-2	Calcium, Total	143	mg/L	1	0.4	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-47-3	Chromium, Total	0.004	mg/L	0.01	0.003	J R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.003	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.01	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-89-6	Iron, Total	0.18	mg/L	0.1	0.08	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.004	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-95-4	Magnesium, Total	95.2	mg/L	1	0.3	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-96-5	Manganese, Total	0.006	mg/L	0.01	0.005	J R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00009	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7439-98-7	Molybdenum, Total	0.011	mg/L	0.025	0.004	J R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.009	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.3	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7782-49-2	Selenium, Total	0.009	mg/L	0.01	0.004	J R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-23-5	Sodium, Total	131	mg/L	1	0.4	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-24-6	Strontium, Total	5.02	mg/L	0.1	0.003	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.0002	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.03	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.05	0.003	R
600-G-138	03/06/18	1803061333B	METALS	METALS	7440-66-6	Zinc, Total	0	mg/L	0.02	0.007	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	39	ug/L	1	0.31	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.61	ug/L	1	0.57	J R
600-G-138	03/06/18	1803061331B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	R

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803061331B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.89	ug/L	1	0.21	J R
600-G-138	03/06/18	1803061331B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-27-4	Bromodichloromethane	1.6	ug/L	1	0.32	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-25-2	Bromoform	9.9	ug/L	1	0.42	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	67-66-3	Chloroform	1.3	ug/L	1	0.25	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	124-48-1	Dibromochloromethane	5.9	ug/L	1	0.31	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	R

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803061331B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	59	ug/L	1	0.22	QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.81	ug/L	1	0.2	J QD R
600-G-138	03/06/18	1803061331B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	R
600-G-138	03/06/18	1803061331B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061330B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	R
600-G-138	03/06/18	1803061330B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	R
600-G-138	03/06/18	1803061330B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	R
600-G-138	03/06/18	1803061330B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13	ug/L	1	0.31	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	R
600-G-138	03/06/18	1803061330B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	R
600-G-138	03/06/18	1803061330B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	R
600-G-138	03/06/18	1803061330B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061330B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.45	ug/L	1	0.21	J R
600-G-138	03/06/18	1803061330B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	R
600-G-138	03/06/18	1803061330B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	R
600-G-138	03/06/18	1803061330B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061330B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	R
600-G-138	03/06/18	1803061330B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	R
600-G-138	03/06/18	1803061330B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	R
600-G-138	03/06/18	1803061330B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	R
600-G-138	03/06/18	1803061330B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	R
600-G-138	03/06/18	1803061330B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	R
600-G-138	03/06/18	1803061330B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	R
600-G-138	03/06/18	1803061330B	VOA	8260	67-64-1	Acetone	1.4	ug/L	10	1.3	J FB R
600-G-138	03/06/18	1803061330B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	R
600-G-138	03/06/18	1803061330B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	R
600-G-138	03/06/18	1803061330B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	R
600-G-138	03/06/18	1803061330B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-27-4	Bromodichloromethane	91	ug/L	1	0.32	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	75-25-2	Bromoform	280	ug/L	2.5	1.1	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	R
600-G-138	03/06/18	1803061330B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	R
600-G-138	03/06/18	1803061330B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	R
600-G-138	03/06/18	1803061330B	VOA	8260	67-66-3	Chloroform	17	ug/L	1	0.25	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	R
600-G-138	03/06/18	1803061330B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	R

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	03/06/18	1803061330B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061330B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	R
600-G-138	03/06/18	1803061330B	VOA	8260	124-48-1	Dibromochloromethane	260	ug/L	2.5	0.78	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	R
600-G-138	03/06/18	1803061330B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	R
600-G-138	03/06/18	1803061330B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	R
600-G-138	03/06/18	1803061330B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	R
600-G-138	03/06/18	1803061330B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	R
600-G-138	03/06/18	1803061330B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	R
600-G-138	03/06/18	1803061330B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	R
600-G-138	03/06/18	1803061330B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	R
600-G-138	03/06/18	1803061330B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	R
600-G-138	03/06/18	1803061330B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	R
600-G-138	03/06/18	1803061330B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	R
600-G-138	03/06/18	1803061330B	VOA	8260	108-88-3	Toluene	0.81	ug/L	1	0.2	J R
600-G-138	03/06/18	1803061330B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	R
600-G-138	03/06/18	1803061330B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	R
600-G-138	03/06/18	1803061330B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	R
600-G-138	03/06/18	1803061330B	VOA	8260	79-01-6	Trichloroethene (TCE)	43	ug/L	1	0.22	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	5.3	ug/L	1	0.2	QD R
600-G-138	03/06/18	1803061330B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	R
600-G-138	03/06/18	1803061330B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	R
600-G-138	03/06/18	1803061325B	Initial	PARAMS	NA	Conductivity	1904	µS/cm	0	0	R
600-G-138	03/06/18	1803061325B	Initial	PARAMS	NA	DTW	145.89	ft	0	0	R
600-G-138	03/06/18	1803061325B	Initial	PARAMS	NA	pH	8.3	NA	0	0	R
600-G-138	03/06/18	1803061325B	Initial	PARAMS	NA	Temperature	17.2	ºC	0	0	R
600-G-138	03/06/18	1803061325B	Initial	PARAMS	NA	Turbidity	4.89	NTU	0	0	R
600-G-138	10/27/17	1710271249B	Final	PARAMS	NA	Conductivity	1791	µS/cm	0	0	
600-G-138	10/27/17	1710271249B	Final	PARAMS	NA	DTW	147.33	ft	0	0	
600-G-138	10/27/17	1710271249B	Final	PARAMS	NA	pH	6.86	NA	0	0	
600-G-138	10/27/17	1710271249B	Final	PARAMS	NA	Temperature	17.9	ºC	0	0	
600-G-138	10/27/17	1710271249B	Final	PARAMS	NA	Turbidity	1.94	NTU	0	0	
600-G-138	10/27/17	1710271248B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	6.81	mg/L	0.2	0.003	
600-G-138	10/27/17	1710271247B	CHLORIDE	300.0	16887-00-6	Chloride	169	mg/L	8	0.5	
600-G-138	10/27/17	1710271246B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	10/27/17	1710271246B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	10/27/17	1710271246B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	10/27/17	1710271246B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	17	ug/L	1	0.31	
600-G-138	10/27/17	1710271246B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	10/27/17	1710271246B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/27/17	1710271246B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	10/27/17	1710271246B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	10/27/17	1710271246B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	10/27/17	1710271246B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.61	ug/L	1	0.21	J
600-G-138	10/27/17	1710271246B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	10/27/17	1710271246B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	10/27/17	1710271246B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	10/27/17	1710271246B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	10/27/17	1710271246B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	10/27/17	1710271246B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	10/27/17	1710271246B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	10/27/17	1710271246B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	10/27/17	1710271246B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	10/27/17	1710271246B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	10/27/17	1710271246B	VOA	8260	67-64-1	Acetone	2.6	ug/L	10	1.3	J TB
600-G-138	10/27/17	1710271246B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	10/27/17	1710271246B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	10/27/17	1710271246B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	10/27/17	1710271246B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	10/27/17	1710271246B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	10/27/17	1710271246B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	10/27/17	1710271246B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	10/27/17	1710271246B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	10/27/17	1710271246B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	10/27/17	1710271246B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	10/27/17	1710271246B	VOA	8260	67-66-3	Chloroform	0.65	ug/L	1	0.25	J
600-G-138	10/27/17	1710271246B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	10/27/17	1710271246B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	10/27/17	1710271246B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	10/27/17	1710271246B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	10/27/17	1710271246B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	10/27/17	1710271246B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	10/27/17	1710271246B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	10/27/17	1710271246B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	10/27/17	1710271246B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	10/27/17	1710271246B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	10/27/17	1710271246B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	10/27/17	1710271246B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	10/27/17	1710271246B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	10/27/17	1710271246B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	10/27/17	1710271246B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	10/27/17	1710271246B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	10/27/17	1710271246B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/27/17	1710271246B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	10/27/17	1710271246B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	10/27/17	1710271246B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	10/27/17	1710271246B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/27/17	1710271246B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	10/27/17	1710271246B	VOA	8260	79-01-6	Trichloroethene (TCE)	56	ug/L	1	0.22	
600-G-138	10/27/17	1710271246B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.37	ug/L	1	0.2	J
600-G-138	10/27/17	1710271246B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/27/17	1710271246B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	10/27/17	1710271245B	Initial	PARAMS	NA	Conductivity	1774	µS/cm	0	0	
600-G-138	10/27/17	1710271245B	Initial	PARAMS	NA	DTW	144.95	ft	0	0	
600-G-138	10/27/17	1710271245B	Initial	PARAMS	NA	pH	7.1	NA	0	0	
600-G-138	10/27/17	1710271245B	Initial	PARAMS	NA	Temperature	17.6	ºC	0	0	
600-G-138	10/27/17	1710271245B	Initial	PARAMS	NA	Turbidity	2.35	NTU	0	0	
600-G-138	07/31/17	1707311300B	Final	PARAMS	NA	Conductivity	1851	µS/cm	0	0	
600-G-138	07/31/17	1707311300B	Final	PARAMS	NA	DTW	147.64	ft	0	0	
600-G-138	07/31/17	1707311300B	Final	PARAMS	NA	pH	7.7	NA	0	0	
600-G-138	07/31/17	1707311300B	Final	PARAMS	NA	Temperature	27.3	ºC	0	0	
600-G-138	07/31/17	1707311300B	Final	PARAMS	NA	Turbidity	1.2	NTU	0	0	
600-G-138	07/31/17	1707311254B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.5	mg/L	0.5	0.03	
600-G-138	07/31/17	1707311253B	CHLORIDE	300.0	16887-00-6	Chloride	141	mg/L	8	0.5	
600-G-138	07/31/17	1707311251B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/31/17	1707311251B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/31/17	1707311251B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/31/17	1707311251B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	38	ug/L	1	0.31	
600-G-138	07/31/17	1707311251B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	07/31/17	1707311251B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/31/17	1707311251B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/31/17	1707311251B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311251B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.81	ug/L	1	0.21	J
600-G-138	07/31/17	1707311251B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/31/17	1707311251B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/31/17	1707311251B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311251B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/31/17	1707311251B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/31/17	1707311251B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/31/17	1707311251B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/31/17	1707311251B	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	07/31/17	1707311251B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/31/17	1707311251B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/31/17	1707311251B	VOA-D	8260	67-64-1	Acetone	1.6	ug/L	10	1.3	J FB
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/31/17	1707311251B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/31/17	1707311251B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/31/17	1707311251B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/31/17	1707311251B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/31/17	1707311251B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/31/17	1707311251B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/31/17	1707311251B	VOA-D	8260	67-66-3	Chloroform	0.74	ug/L	1	0.25	J
600-G-138	07/31/17	1707311251B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/31/17	1707311251B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/31/17	1707311251B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311251B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/31/17	1707311251B	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/31/17	1707311251B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	07/31/17	1707311251B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/31/17	1707311251B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/31/17	1707311251B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/31/17	1707311251B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/31/17	1707311251B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/31/17	1707311251B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/31/17	1707311251B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/31/17	1707311251B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/31/17	1707311251B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/31/17	1707311251B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/31/17	1707311251B	VOA-D	8260	108-88-3	Toluene	0.42	ug/L	1	0.2	J
600-G-138	07/31/17	1707311251B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/31/17	1707311251B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/31/17	1707311251B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	59	ug/L	1	0.22	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	5.1	ug/L	1	0.2	
600-G-138	07/31/17	1707311251B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/31/17	1707311251B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311250B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/31/17	1707311250B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/31/17	1707311250B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/31/17	1707311250B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	37	ug/L	1	0.31	
600-G-138	07/31/17	1707311250B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/31/17	1707311250B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/31/17	1707311250B	VOA	8260	75-35-4	1,1-Dichloroethene	0.6	ug/L	1	0.57	J
600-G-138	07/31/17	1707311250B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/31/17	1707311250B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/31/17	1707311250B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311250B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.72	ug/L	1	0.21	J
600-G-138	07/31/17	1707311250B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/31/17	1707311250B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/31/17	1707311250B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311250B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/31/17	1707311250B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/31/17	1707311250B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/31/17	1707311250B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/31/17	1707311250B	VOA	8260	67-63-0	2-Propanol	22	ug/L	50	8.6	J FB
600-G-138	07/31/17	1707311250B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/31/17	1707311250B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/31/17	1707311250B	VOA	8260	67-64-1	Acetone	3.9	ug/L	10	1.3	J FB
600-G-138	07/31/17	1707311250B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	07/31/17	1707311250B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/31/17	1707311250B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/31/17	1707311250B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311250B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/31/17	1707311250B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/31/17	1707311250B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/31/17	1707311250B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/31/17	1707311250B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/31/17	1707311250B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/31/17	1707311250B	VOA	8260	67-66-3	Chloroform	0.81	ug/L	1	0.25	J
600-G-138	07/31/17	1707311250B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/31/17	1707311250B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/31/17	1707311250B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311250B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/31/17	1707311250B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/31/17	1707311250B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311250B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/31/17	1707311250B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/31/17	1707311250B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	07/31/17	1707311250B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/31/17	1707311250B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/31/17	1707311250B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/31/17	1707311250B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/31/17	1707311250B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/31/17	1707311250B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/31/17	1707311250B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/31/17	1707311250B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/31/17	1707311250B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/31/17	1707311250B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/31/17	1707311250B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/31/17	1707311250B	VOA	8260	108-88-3	Toluene	0.43	ug/L	1	0.2	J
600-G-138	07/31/17	1707311250B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/31/17	1707311250B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/31/17	1707311250B	VOA	8260	79-01-6	Trichloroethene (TCE)	57	ug/L	1	0.22	
600-G-138	07/31/17	1707311250B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	4.9	ug/L	1	0.2	
600-G-138	07/31/17	1707311250B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/31/17	1707311250B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/31/17	1707311245B	Initial	PARAMS	NA	Conductivity	1843	µS/cm	0	0	
600-G-138	07/31/17	1707311245B	Initial	PARAMS	NA	DTW	145.3	ft	0	0	
600-G-138	07/31/17	1707311245B	Initial	PARAMS	NA	pH	7.52	NA	0	0	
600-G-138	07/31/17	1707311245B	Initial	PARAMS	NA	Temperature	26.7	ºC	0	0	
600-G-138	07/31/17	1707311245B	Initial	PARAMS	NA	Turbidity	2.46	NTU	0	0	
600-G-138	04/24/17	1704241430A	Final	PARAMS	NA	Conductivity	1890	µS/cm	0	0	
600-G-138	04/24/17	1704241430A	Final	PARAMS	NA	DTW	147.22	ft	0	0	
600-G-138	04/24/17	1704241430A	Final	PARAMS	NA	pH	7.38	NA	0	0	
600-G-138	04/24/17	1704241430A	Final	PARAMS	NA	Temperature	26.8	ºC	0	0	
600-G-138	04/24/17	1704241430A	Final	PARAMS	NA	Turbidity	2.9	NTU	0	0	
600-G-138	04/24/17	1704241429A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12	mg/L	0.5	0.03	
600-G-138	04/24/17	1704241428A	CHLORIDE	300.0	16887-00-6	Chloride	241	mg/L	8	0.5	
600-G-138	04/24/17	1704241427A	NDMA	607	314-40-9	Bromacil	23	ug/L	0.019	0.0097	D
600-G-138	04/24/17	1704241427A	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.019	0.0097	
600-G-138	04/24/17	1704241427A	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.019	0.0097	
600-G-138	04/24/17	1704241425A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/24/17	1704241425A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/24/17	1704241425A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/24/17	1704241425A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	20	ug/L	1	0.31	
600-G-138	04/24/17	1704241425A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/24/17	1704241425A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	04/24/17	1704241425A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/24/17	1704241425A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/24/17	1704241425A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/24/17	1704241425A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.67	ug/L	1	0.21	J
600-G-138	04/24/17	1704241425A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/24/17	1704241425A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/24/17	1704241425A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/24/17	1704241425A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/24/17	1704241425A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/24/17	1704241425A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/24/17	1704241425A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/24/17	1704241425A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/24/17	1704241425A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/24/17	1704241425A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/24/17	1704241425A	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/24/17	1704241425A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/24/17	1704241425A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/24/17	1704241425A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/24/17	1704241425A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/24/17	1704241425A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/24/17	1704241425A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/24/17	1704241425A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/24/17	1704241425A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/24/17	1704241425A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/24/17	1704241425A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/24/17	1704241425A	VOA	8260	67-66-3	Chloroform	0.65	ug/L	1	0.25	J
600-G-138	04/24/17	1704241425A	VOA	8260	74-87-3	Chloromethane	0.32	ug/L	2	0.21	J RB FB
600-G-138	04/24/17	1704241425A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/24/17	1704241425A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/24/17	1704241425A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/24/17	1704241425A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/24/17	1704241425A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/24/17	1704241425A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/24/17	1704241425A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/24/17	1704241425A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	04/24/17	1704241425A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/24/17	1704241425A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/24/17	1704241425A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/24/17	1704241425A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/24/17	1704241425A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/24/17	1704241425A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/24/17	1704241425A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/24/17	1704241425A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/24/17	1704241425A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/24/17	1704241425A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/24/17	1704241425A	VOA	8260	108-88-3	Toluene	0.28	ug/L	1	0.2	J
600-G-138	04/24/17	1704241425A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/24/17	1704241425A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/24/17	1704241425A	VOA	8260	79-01-6	Trichloroethene (TCE)	57	ug/L	1	0.22	
600-G-138	04/24/17	1704241425A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	2	ug/L	1	0.2	
600-G-138	04/24/17	1704241425A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/24/17	1704241425A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/24/17	1704241420A	Initial	PARAMS	NA	Conductivity	1861	µS/cm	0	0	
600-G-138	04/24/17	1704241420A	Initial	PARAMS	NA	DTW	145.14	ft	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/24/17	1704241420A	Initial	PARAMS	NA	pH	7.5	NA	0	0	
600-G-138	04/24/17	1704241420A	Initial	PARAMS	NA	Temperature	27.4	ºC	0	0	
600-G-138	04/24/17	1704241420A	Initial	PARAMS	NA	Turbidity	5.78	NTU	0	0	
600-G-138	01/18/17	1701181423A	Final	PARAMS	NA	Conductivity	2020	µS/cm	0	0	
600-G-138	01/18/17	1701181423A	Final	PARAMS	NA	DTW	147.63	ft	0	0	
600-G-138	01/18/17	1701181423A	Final	PARAMS	NA	pH	7.64	NA	0	0	
600-G-138	01/18/17	1701181423A	Final	PARAMS	NA	Temperature	16.5	ºC	0	0	
600-G-138	01/18/17	1701181423A	Final	PARAMS	NA	Turbidity	0.8	NTU	0	0	
600-G-138	01/18/17	1701181422A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	9.98	mg/L	0.5	0.03	
600-G-138	01/18/17	1701181421A	CHLORIDE	300.0	16887-00-6	Chloride	251	mg/L	8	0.5	
600-G-138	01/18/17	1701181420A	PERCHLORATE	6850	14797-73-0	Perchlorate	2.2	ug/L	0.2	0.026	
600-G-138	01/18/17	1701181419A	TDS	SM2540C	NA	Total Dissolved Solids (TDS)	1310	mg/L	20	8	
600-G-138	01/18/17	1701181418A	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	224	mg/L	2	1	
600-G-138	01/18/17	1701181418A	ANIONS	ANIONS	16887-00-6	Chloride	249	mg/L	8	0.5	
600-G-138	01/18/17	1701181418A	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.29	mg/L	0.1	0.004	
600-G-138	01/18/17	1701181418A	ANIONS	ANIONS	14808-79-8	Sulfate	465	mg/L	10	1	
600-G-138	01/18/17	1701181417A	METALS	METALS	7429-90-5	Aluminum, Total	0.03	mg/L	0.1	0.01	J
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0004	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-38-2	Arsenic, Total	0.0021	mg/L	0.001	0.0004	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-39-3	Barium, Total	0.048	mg/L	0.02	0.002	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-42-8	Boron, Total	0.55	mg/L	0.2	0.02	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0002	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-70-2	Calcium, Total	148	mg/L	1	0.2	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-47-3	Chromium, Total	0.002	mg/L	0.01	0.0003	J RB
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.002	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.003	
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-89-6	Iron, Total	0.01	mg/L	0.1	0.009	J
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.005	
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-95-4	Magnesium, Total	101	mg/L	1	0.01	
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.001	
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	01/18/17	1701181417A	METALS	METALS	7439-98-7	Molybdenum, Total	0.008	mg/L	0.025	0.002	J
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.002	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.05	
600-G-138	01/18/17	1701181417A	METALS	METALS	7782-49-2	Selenium, Total	0.01	mg/L	0.01	0.005	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-23-5	Sodium, Total	129	mg/L	1	0.09	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-24-6	Strontium, Total	5.02	mg/L	0.5	0.008	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-28-0	Thallium, Total	0.00006	mg/L	0.001	0.00003	J
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.001	J
600-G-138	01/18/17	1701181417A	METALS	METALS	7440-66-6	Zinc, Total	0	mg/L	0.02	0.007	
600-G-138	01/18/17	1701181415A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/18/17	1701181415A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/18/17	1701181415A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/18/17	1701181415A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	30	ug/L	1	0.31	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/18/17	1701181415A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/18/17	1701181415A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	75-35-4	1,1-Dichloroethene	0.57	ug/L	1	0.57	J
600-G-138	01/18/17	1701181415A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/18/17	1701181415A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/18/17	1701181415A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/18/17	1701181415A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.81	ug/L	1	0.21	J
600-G-138	01/18/17	1701181415A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/18/17	1701181415A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/18/17	1701181415A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/18/17	1701181415A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/18/17	1701181415A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/18/17	1701181415A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/18/17	1701181415A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/18/17	1701181415A	VOA	8260	67-63-0	2-Propanol	9.2	ug/L	50	8.6	J FB
600-G-138	01/18/17	1701181415A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	01/18/17	1701181415A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/18/17	1701181415A	VOA	8260	67-64-1	Acetone	2.7	ug/L	10	1.3	J FB
600-G-138	01/18/17	1701181415A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	01/18/17	1701181415A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	01/18/17	1701181415A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/18/17	1701181415A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/18/17	1701181415A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/18/17	1701181415A	VOA	8260	74-83-9	Bromomethane	0.33	ug/L	2	0.29	J RB FB
600-G-138	01/18/17	1701181415A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/18/17	1701181415A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/18/17	1701181415A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/18/17	1701181415A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/18/17	1701181415A	VOA	8260	67-66-3	Chloroform	0.68	ug/L	1	0.25	J
600-G-138	01/18/17	1701181415A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/18/17	1701181415A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/18/17	1701181415A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/18/17	1701181415A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/18/17	1701181415A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/18/17	1701181415A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/18/17	1701181415A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/18/17	1701181415A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/18/17	1701181415A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	01/18/17	1701181415A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/18/17	1701181415A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/18/17	1701181415A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/18/17	1701181415A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/18/17	1701181415A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/18/17	1701181415A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/18/17	1701181415A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/18/17	1701181415A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	01/18/17	1701181415A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/18/17	1701181415A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/18/17	1701181415A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/18/17	1701181415A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/18/17	1701181415A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/18/17	1701181415A	VOA	8260	79-01-6	Trichloroethene (TCE)	84	ug/L	1	0.22	
600-G-138	01/18/17	1701181415A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.4	ug/L	1	0.2	J
600-G-138	01/18/17	1701181415A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/18/17	1701181415A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/18/17	1701181410A	Initial	PARAMS	NA	Conductivity	2000	µS/cm	0	0	
600-G-138	01/18/17	1701181410A	Initial	PARAMS	NA	DTW	145.16	ft	0	0	
600-G-138	01/18/17	1701181410A	Initial	PARAMS	NA	pH	7.74	NA	0	0	
600-G-138	01/18/17	1701181410A	Initial	PARAMS	NA	Temperature	16.2	ºC	0	0	
600-G-138	01/18/17	1701181410A	Initial	PARAMS	NA	Turbidity	0.98	NTU	0	0	
600-G-138	12/06/16	1612061304B	Final	PARAMS	NA	Conductivity	2140	µS/cm	0	0	
600-G-138	12/06/16	1612061304B	Final	PARAMS	NA	DTW	146.85	ft	0	0	
600-G-138	12/06/16	1612061304B	Final	PARAMS	NA	pH	8.3	NA	0	0	
600-G-138	12/06/16	1612061304B	Final	PARAMS	NA	Temperature	18	ºC	0	0	
600-G-138	12/06/16	1612061304B	Final	PARAMS	NA	Turbidity	4.8	NTU	0	0	
600-G-138	12/06/16	1612061303B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.3	mg/L	0.5	0.03	
600-G-138	12/06/16	1612061302B	CHLORIDE	300.0	16887-00-6	Chloride	253	mg/L	8	0.5	
600-G-138	12/06/16	1612061301B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	12/06/16	1612061301B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	12/06/16	1612061301B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	12/06/16	1612061301B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	15	ug/L	1	0.31	
600-G-138	12/06/16	1612061301B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	12/06/16	1612061301B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	12/06/16	1612061301B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	12/06/16	1612061301B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	12/06/16	1612061301B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	12/06/16	1612061301B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.92	ug/L	1	0.21	J
600-G-138	12/06/16	1612061301B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	12/06/16	1612061301B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	12/06/16	1612061301B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	12/06/16	1612061301B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	12/06/16	1612061301B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	12/06/16	1612061301B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	12/06/16	1612061301B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	12/06/16	1612061301B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	12/06/16	1612061301B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	12/06/16	1612061301B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	12/06/16	1612061301B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	12/06/16	1612061301B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	12/06/16	1612061301B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	12/06/16	1612061301B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	12/06/16	1612061301B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	12/06/16	1612061301B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	12/06/16	1612061301B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	12/06/16	1612061301B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	12/06/16	1612061301B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	12/06/16	1612061301B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	12/06/16	1612061301B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	12/06/16	1612061301B	VOA	8260	67-66-3	Chloroform	0.6	ug/L	1	0.25	J
600-G-138	12/06/16	1612061301B	VOA	8260	74-87-3	Chloromethane	0.73	ug/L	2	0.21	J TB
600-G-138	12/06/16	1612061301B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	12/06/16	1612061301B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	12/06/16	1612061301B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	12/06/16	1612061301B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	12/06/16	1612061301B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	12/06/16	1612061301B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	12/06/16	1612061301B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	12/06/16	1612061301B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	12/06/16	1612061301B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	12/06/16	1612061301B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	12/06/16	1612061301B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	12/06/16	1612061301B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	12/06/16	1612061301B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	12/06/16	1612061301B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	12/06/16	1612061301B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	12/06/16	1612061301B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	12/06/16	1612061301B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	12/06/16	1612061301B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	12/06/16	1612061301B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	12/06/16	1612061301B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	12/06/16	1612061301B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	12/06/16	1612061301B	VOA	8260	79-01-6	Trichloroethene (TCE)	70	ug/L	1	0.22	
600-G-138	12/06/16	1612061301B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.29	ug/L	1	0.2	J
600-G-138	12/06/16	1612061301B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	12/06/16	1612061301B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	12/06/16	1612061300B	Initial	PARAMS	NA	Conductivity	2080	µS/cm	0	0	
600-G-138	12/06/16	1612061300B	Initial	PARAMS	NA	DTW	145.14	ft	0	0	
600-G-138	12/06/16	1612061300B	Initial	PARAMS	NA	pH	8.41	NA	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	12/06/16	1612061300B	Initial	PARAMS	NA	Temperature	17.4	ºC	0	0	
600-G-138	12/06/16	1612061300B	Initial	PARAMS	NA	Turbidity	6.67	NTU	0	0	
600-G-138	07/13/16	1607131314B	Final	PARAMS	NA	Conductivity	1908	µS/cm	0	0	
600-G-138	07/13/16	1607131314B	Final	PARAMS	NA	DTW	147.68	ft	0	0	
600-G-138	07/13/16	1607131314B	Final	PARAMS	NA	pH	7.38	NA	0	0	
600-G-138	07/13/16	1607131314B	Final	PARAMS	NA	Temperature	26.5	ºC	0	0	
600-G-138	07/13/16	1607131314B	Final	PARAMS	NA	Turbidity	0.74	NTU	0	0	
600-G-138	07/13/16	1607131313B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.4	mg/L	0.5	0.03	
600-G-138	07/13/16	1607131312B	CHLORIDE	300.0	16887-00-6	Chloride	238	mg/L	16	8	
600-G-138	07/13/16	1607131310B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/13/16	1607131310B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/13/16	1607131310B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/13/16	1607131310B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1	0.31	
600-G-138	07/13/16	1607131310B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/13/16	1607131310B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	75-35-4	1,1-Dichloroethene	0.58	ug/L	1	0.57	J
600-G-138	07/13/16	1607131310B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/13/16	1607131310B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/13/16	1607131310B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/13/16	1607131310B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.55	ug/L	1	0.21	J
600-G-138	07/13/16	1607131310B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/13/16	1607131310B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/13/16	1607131310B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/13/16	1607131310B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/13/16	1607131310B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/13/16	1607131310B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/13/16	1607131310B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/13/16	1607131310B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	07/13/16	1607131310B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/13/16	1607131310B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/13/16	1607131310B	VOA	8260	67-64-1	Acetone	1.6	ug/L	10	1.3	J
600-G-138	07/13/16	1607131310B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	07/13/16	1607131310B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/13/16	1607131310B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/13/16	1607131310B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/13/16	1607131310B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/13/16	1607131310B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/13/16	1607131310B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/13/16	1607131310B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/13/16	1607131310B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/13/16	1607131310B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/13/16	1607131310B	VOA	8260	67-66-3	Chloroform	0.72	ug/L	1	0.25	J
600-G-138	07/13/16	1607131310B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/13/16	1607131310B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/13/16	1607131310B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/13/16	1607131310B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/13/16	1607131310B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/13/16	1607131310B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/13/16	1607131310B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/13/16	1607131310B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/13/16	1607131310B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	07/13/16	1607131310B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/13/16	1607131310B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/13/16	1607131310B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/13/16	1607131310B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/13/16	1607131310B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/13/16	1607131310B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/13/16	1607131310B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/13/16	1607131310B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/13/16	1607131310B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/13/16	1607131310B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/13/16	1607131310B	VOA	8260	108-88-3	Toluene	0.63	ug/L	1	0.2	J
600-G-138	07/13/16	1607131310B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/13/16	1607131310B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/13/16	1607131310B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/13/16	1607131310B	VOA	8260	79-01-6	Trichloroethene (TCE)	74	ug/L	1	0.22	
600-G-138	07/13/16	1607131310B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.43	ug/L	1	0.2	J
600-G-138	07/13/16	1607131310B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/13/16	1607131310B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/13/16	1607131305B	Initial	PARAMS	NA	Conductivity	1922	µS/cm	0	0	
600-G-138	07/13/16	1607131305B	Initial	PARAMS	NA	DTW	145.13	ft	0	0	
600-G-138	07/13/16	1607131305B	Initial	PARAMS	NA	pH	7.23	NA	0	0	
600-G-138	07/13/16	1607131305B	Initial	PARAMS	NA	Temperature	26.2	ºC	0	0	
600-G-138	07/13/16	1607131305B	Initial	PARAMS	NA	Turbidity	0.93	NTU	0	0	
600-G-138	04/20/16	1604201440B	Final	PARAMS	NA	Conductivity	1873	µS/cm	0	0	
600-G-138	04/20/16	1604201440B	Final	PARAMS	NA	pH	7.57	NA	0	0	
600-G-138	04/20/16	1604201440B	Final	PARAMS	NA	Temperature	19.1	ºC	0	0	
600-G-138	04/20/16	1604201440B	Final	PARAMS	NA	Turbidity	1.49	NTU	0	0	
600-G-138	04/20/16	1604201429B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.2	mg/L	0.5	0.03	
600-G-138	04/20/16	1604201428B	CHLORIDE	300.0	16887-00-6	Chloride	214	mg/L	10	5	
600-G-138	04/20/16	1604201427B	NDMA	607	314-40-9	Bromacil	10	ug/L	0.0096	0.0048	
600-G-138	04/20/16	1604201427B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0096	0.0048	
600-G-138	04/20/16	1604201427B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0096	0.0048	
600-G-138	04/20/16	1604201426B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/20/16	1604201426B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/20/16	1604201426B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/20/16	1604201426B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	38	ug/L	1	0.31	
600-G-138	04/20/16	1604201426B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.69	ug/L	1	0.57	J
600-G-138	04/20/16	1604201426B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/20/16	1604201426B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/20/16	1604201426B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201426B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.83	ug/L	1	0.21	J
600-G-138	04/20/16	1604201426B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/20/16	1604201426B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201426B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/20/16	1604201426B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201426B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/20/16	1604201426B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/20/16	1604201426B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/20/16	1604201426B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/20/16	1604201426B	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/20/16	1604201426B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/20/16	1604201426B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/20/16	1604201426B	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/20/16	1604201426B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/20/16	1604201426B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/20/16	1604201426B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/20/16	1604201426B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/20/16	1604201426B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/20/16	1604201426B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/20/16	1604201426B	VOA-D	8260	67-66-3	Chloroform	0.76	ug/L	1	0.25	J
600-G-138	04/20/16	1604201426B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/20/16	1604201426B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/20/16	1604201426B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201426B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/20/16	1604201426B	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/20/16	1604201426B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	04/20/16	1604201426B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/20/16	1604201426B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201426B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/20/16	1604201426B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/20/16	1604201426B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/20/16	1604201426B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/20/16	1604201426B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/20/16	1604201426B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/20/16	1604201426B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/16	1604201426B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/20/16	1604201426B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201426B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/20/16	1604201426B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/20/16	1604201426B	VOA-D	8260	108-88-3	Toluene	0.38	ug/L	1	0.2	J
600-G-138	04/20/16	1604201426B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/20/16	1604201426B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201426B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/20/16	1604201426B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	81	ug/L	1	0.22	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.32	ug/L	1	0.2	J
600-G-138	04/20/16	1604201426B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/20/16	1604201426B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201425B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/20/16	1604201425B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/20/16	1604201425B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/20/16	1604201425B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	36	ug/L	1	0.31	
600-G-138	04/20/16	1604201425B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/20/16	1604201425B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	75-35-4	1,1-Dichloroethene	0.73	ug/L	1	0.57	J
600-G-138	04/20/16	1604201425B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/20/16	1604201425B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/20/16	1604201425B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201425B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.77	ug/L	1	0.21	J
600-G-138	04/20/16	1604201425B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/20/16	1604201425B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/20/16	1604201425B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201425B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/20/16	1604201425B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/20/16	1604201425B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/20/16	1604201425B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/20/16	1604201425B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/20/16	1604201425B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/20/16	1604201425B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/20/16	1604201425B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/20/16	1604201425B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/20/16	1604201425B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/20/16	1604201425B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/20/16	1604201425B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201425B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/20/16	1604201425B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/20/16	1604201425B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/20/16	1604201425B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/20/16	1604201425B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/20/16	1604201425B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/20/16	1604201425B	VOA	8260	67-66-3	Chloroform	0.67	ug/L	1	0.25	J

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/20/16	1604201425B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/20/16	1604201425B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/20/16	1604201425B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201425B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/20/16	1604201425B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/20/16	1604201425B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201425B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/20/16	1604201425B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/20/16	1604201425B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	04/20/16	1604201425B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/20/16	1604201425B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/20/16	1604201425B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/20/16	1604201425B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/20/16	1604201425B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/20/16	1604201425B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/20/16	1604201425B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/20/16	1604201425B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/20/16	1604201425B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/20/16	1604201425B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/20/16	1604201425B	VOA	8260	108-88-3	Toluene	0.36	ug/L	1	0.2	J
600-G-138	04/20/16	1604201425B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/20/16	1604201425B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/20/16	1604201425B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/20/16	1604201425B	VOA	8260	79-01-6	Trichloroethene (TCE)	80	ug/L	1	0.22	
600-G-138	04/20/16	1604201425B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.43	ug/L	1	0.2	J
600-G-138	04/20/16	1604201425B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/20/16	1604201425B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/20/16	1604201418B	Initial	PARAMS	NA	Conductivity	1867	µS/cm	0	0	
600-G-138	04/20/16	1604201418B	Initial	PARAMS	NA	DTW	145.19	ft	0	0	
600-G-138	04/20/16	1604201418B	Initial	PARAMS	NA	pH	7.61	NA	0	0	
600-G-138	04/20/16	1604201418B	Initial	PARAMS	NA	Temperature	18.9	ºC	0	0	
600-G-138	04/20/16	1604201418B	Initial	PARAMS	NA	Turbidity	1.54	NTU	0	0	
600-G-138	01/20/16	1601201451A	Final	PARAMS	NA	Conductivity	1844	µS/cm	0	0	
600-G-138	01/20/16	1601201451A	Final	PARAMS	NA	DTW	148	ft	0	0	
600-G-138	01/20/16	1601201451A	Final	PARAMS	NA	pH	8.36	NA	0	0	
600-G-138	01/20/16	1601201451A	Final	PARAMS	NA	Temperature	18.6	ºC	0	0	
600-G-138	01/20/16	1601201451A	Final	PARAMS	NA	Turbidity	0.93	NTU	0	0	
600-G-138	01/20/16	1601201450A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	10.1	mg/L	0.5	0.03	
600-G-138	01/20/16	1601201449A	CHLORIDE	300.0	16887-00-6	Chloride	232	mg/L	20	10	
600-G-138	01/20/16	1601201448A	METALS	METALS	7429-90-5	Aluminum, Total	0	mg/L	0.1	0.01	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0004	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-38-2	Arsenic, Total	0.003	mg/L	0.001	0.0004	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-39-3	Barium, Total	0.049	mg/L	0.02	0.002	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-42-8	Boron, Total	0.58	mg/L	0.2	0.02	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0002	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-70-2	Calcium, Total	148	mg/L	5	0.7	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-47-3	Chromium, Total	0	mg/L	0.01	0.0003	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.002	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-50-8	Copper, Total	0	mg/L	0.02	0.003	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-89-6	Iron, Total	0	mg/L	0.1	0.009	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.005	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-95-4	Magnesium, Total	92.3	mg/L	1	0.01	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.001	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	01/20/16	1601201448A	METALS	METALS	7439-98-7	Molybdenum, Total	0.011	mg/L	0.025	0.002	J
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-02-0	Nickel, Total	0.003	mg/L	0.04	0.002	J
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-09-7	Potassium, Total	5.2	mg/L	2	0.05	
600-G-138	01/20/16	1601201448A	METALS	METALS	7782-49-2	Selenium, Total	0.008	mg/L	0.01	0.005	J
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0006	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-23-5	Sodium, Total	137	mg/L	5	0.5	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-24-6	Strontium, Total	5.67	mg/L	0.1	0.002	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-28-0	Thallium, Total	0.00004	mg/L	0.001	0.00003	J RB
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-62-2	Vanadium, Total	0.001	mg/L	0.05	0.001	J
600-G-138	01/20/16	1601201448A	METALS	METALS	7440-66-6	Zinc, Total	0	mg/L	0.02	0.007	
600-G-138	01/20/16	1601201446A	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/20/16	1601201446A	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/20/16	1601201446A	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/20/16	1601201446A	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	22	ug/L	1	0.31	
600-G-138	01/20/16	1601201446A	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.58	ug/L	1	0.57	J
600-G-138	01/20/16	1601201446A	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/20/16	1601201446A	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/20/16	1601201446A	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201446A	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.73	ug/L	1	0.21	J
600-G-138	01/20/16	1601201446A	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/20/16	1601201446A	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/20/16	1601201446A	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201446A	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/20/16	1601201446A	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/20/16	1601201446A	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/20/16	1601201446A	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/20/16	1601201446A	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	01/20/16	1601201446A	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	3	0.26	
600-G-138	01/20/16	1601201446A	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/20/16	1601201446A	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	01/20/16	1601201446A	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/20/16	1601201446A	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/20/16	1601201446A	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/20/16	1601201446A	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/20/16	1601201446A	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/20/16	1601201446A	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/20/16	1601201446A	VOA-D	8260	67-66-3	Chloroform	0.73	ug/L	1	0.25	J
600-G-138	01/20/16	1601201446A	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/20/16	1601201446A	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/20/16	1601201446A	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201446A	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/20/16	1601201446A	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/20/16	1601201446A	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	01/20/16	1601201446A	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/20/16	1601201446A	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/20/16	1601201446A	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/20/16	1601201446A	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/20/16	1601201446A	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/20/16	1601201446A	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	01/20/16	1601201446A	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/20/16	1601201446A	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	01/20/16	1601201446A	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/20/16	1601201446A	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/20/16	1601201446A	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/20/16	1601201446A	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201446A	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/20/16	1601201446A	VOA-D	8260	79-01-6	Trichloroethene (TCE)	70	ug/L	1	0.22	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.3	ug/L	1	0.2	J
600-G-138	01/20/16	1601201446A	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/20/16	1601201446A	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201445A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/20/16	1601201445A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/20/16	1601201445A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/20/16	1601201445A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	21	ug/L	1	0.31	
600-G-138	01/20/16	1601201445A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/20/16	1601201445A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/20/16	1601201445A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/20/16	1601201445A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/20/16	1601201445A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201445A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.69	ug/L	1	0.21	J
600-G-138	01/20/16	1601201445A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/20/16	1601201445A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/20/16	1601201445A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201445A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/20/16	1601201445A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/20/16	1601201445A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/20/16	1601201445A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/20/16	1601201445A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	01/20/16	1601201445A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	3	0.26	
600-G-138	01/20/16	1601201445A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/20/16	1601201445A	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	01/20/16	1601201445A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	01/20/16	1601201445A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	01/20/16	1601201445A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/20/16	1601201445A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201445A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/20/16	1601201445A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	01/20/16	1601201445A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/20/16	1601201445A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/20/16	1601201445A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/20/16	1601201445A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/20/16	1601201445A	VOA	8260	67-66-3	Chloroform	0.7	ug/L	1	0.25	J
600-G-138	01/20/16	1601201445A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/20/16	1601201445A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/20/16	1601201445A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201445A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/20/16	1601201445A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/20/16	1601201445A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201445A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/20/16	1601201445A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/20/16	1601201445A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	01/20/16	1601201445A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/20/16	1601201445A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/20/16	1601201445A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/20/16	1601201445A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/20/16	1601201445A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/20/16	1601201445A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	01/20/16	1601201445A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/20/16	1601201445A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/20/16	1601201445A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/20/16	1601201445A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/20/16	1601201445A	VOA	8260	108-88-3	Toluene	0.41	ug/L	1	0.2	J
600-G-138	01/20/16	1601201445A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/20/16	1601201445A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/20/16	1601201445A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/20/16	1601201445A	VOA	8260	79-01-6	Trichloroethene (TCE)	65	ug/L	1	0.22	
600-G-138	01/20/16	1601201445A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.34	ug/L	1	0.2	J
600-G-138	01/20/16	1601201445A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/20/16	1601201445A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/20/16	1601201440A	Initial	PARAMS	NA	Conductivity	1856	µS/cm	0	0	
600-G-138	01/20/16	1601201440A	Initial	PARAMS	NA	DTW	145.21	ft	0	0	
600-G-138	01/20/16	1601201440A	Initial	PARAMS	NA	pH	8.25	NA	0	0	
600-G-138	01/20/16	1601201440A	Initial	PARAMS	NA	Temperature	18.7	ºC	0	0	
600-G-138	01/20/16	1601201440A	Initial	PARAMS	NA	Turbidity	1.75	NTU	0	0	
600-G-138	10/22/15	1510221440B	Final	PARAMS	NA	Conductivity	1909	µS/cm	0	0	
600-G-138	10/22/15	1510221440B	Final	PARAMS	NA	DTW	147.85	ft	0	0	
600-G-138	10/22/15	1510221440B	Final	PARAMS	NA	pH	7.58	NA	0	0	
600-G-138	10/22/15	1510221440B	Final	PARAMS	NA	Temperature	19.4	ºC	0	0	
600-G-138	10/22/15	1510221440B	Final	PARAMS	NA	Turbidity	1.18	NTU	0	0	
600-G-138	10/22/15	1510221438B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.1	mg/L	0.5	0.03	
600-G-138	10/22/15	1510221436B	CHLORIDE	300.0	16887-00-6	Chloride	233	mg/L	8	4	
600-G-138	10/22/15	1510221434B	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	10/22/15	1510221434B	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	10/22/15	1510221434B	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	10/22/15	1510221434B	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	23	ug/L	1	0.31	
600-G-138	10/22/15	1510221434B	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.66	ug/L	1	0.57	J
600-G-138	10/22/15	1510221434B	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	10/22/15	1510221434B	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	10/22/15	1510221434B	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221434B	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.71	ug/L	1	0.21	J
600-G-138	10/22/15	1510221434B	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	10/22/15	1510221434B	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	10/22/15	1510221434B	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221434B	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	10/22/15	1510221434B	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	10/22/15	1510221434B	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	10/22/15	1510221434B	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	10/22/15	1510221434B	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	10/22/15	1510221434B	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	10/22/15	1510221434B	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	10/22/15	1510221434B	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/22/15	1510221434B	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	10/22/15	1510221434B	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	10/22/15	1510221434B	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	10/22/15	1510221434B	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	10/22/15	1510221434B	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	10/22/15	1510221434B	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	10/22/15	1510221434B	VOA-D	8260	67-66-3	Chloroform	0.64	ug/L	1	0.25	J
600-G-138	10/22/15	1510221434B	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	10/22/15	1510221434B	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	10/22/15	1510221434B	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221434B	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	10/22/15	1510221434B	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	10/22/15	1510221434B	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	10/22/15	1510221434B	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	10/22/15	1510221434B	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	10/22/15	1510221434B	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	10/22/15	1510221434B	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	10/22/15	1510221434B	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	10/22/15	1510221434B	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	10/22/15	1510221434B	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	10/22/15	1510221434B	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	10/22/15	1510221434B	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	10/22/15	1510221434B	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	10/22/15	1510221434B	VOA-D	8260	108-88-3	Toluene	0.71	ug/L	1	0.2	J
600-G-138	10/22/15	1510221434B	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	10/22/15	1510221434B	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221434B	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	10/22/15	1510221434B	VOA-D	8260	79-01-6	Trichloroethene (TCE)	63	ug/L	1	0.22	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.33	ug/L	1	0.2	J
600-G-138	10/22/15	1510221434B	VOA-D	8260	TIC	Unknown	9.3	ug/L	0		TIC
600-G-138	10/22/15	1510221434B	VOA-D	8260	TIC	Unknown	5.2	ug/L	0		TIC RB FB
600-G-138	10/22/15	1510221434B	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/22/15	1510221434B	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221430B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	10/22/15	1510221430B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	10/22/15	1510221430B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	10/22/15	1510221430B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1	0.31	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/22/15	1510221430B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	10/22/15	1510221430B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	75-35-4	1,1-Dichloroethene	0.65	ug/L	1	0.57	J
600-G-138	10/22/15	1510221430B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	10/22/15	1510221430B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	10/22/15	1510221430B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221430B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.65	ug/L	1	0.21	J
600-G-138	10/22/15	1510221430B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	10/22/15	1510221430B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	10/22/15	1510221430B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221430B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	10/22/15	1510221430B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	10/22/15	1510221430B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	10/22/15	1510221430B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	10/22/15	1510221430B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	10/22/15	1510221430B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	10/22/15	1510221430B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	10/22/15	1510221430B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	10/22/15	1510221430B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	10/22/15	1510221430B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	10/22/15	1510221430B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	10/22/15	1510221430B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221430B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	10/22/15	1510221430B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	10/22/15	1510221430B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	10/22/15	1510221430B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	10/22/15	1510221430B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	10/22/15	1510221430B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	10/22/15	1510221430B	VOA	8260	67-66-3	Chloroform	0.7	ug/L	1	0.25	J
600-G-138	10/22/15	1510221430B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	10/22/15	1510221430B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	10/22/15	1510221430B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221430B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	10/22/15	1510221430B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	10/22/15	1510221430B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221430B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	10/22/15	1510221430B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	10/22/15	1510221430B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	10/22/15	1510221430B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	10/22/15	1510221430B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	10/22/15	1510221430B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	10/22/15	1510221430B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	10/22/15	1510221430B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	10/22/15	1510221430B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/22/15	1510221430B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	10/22/15	1510221430B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	10/22/15	1510221430B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	10/22/15	1510221430B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	10/22/15	1510221430B	VOA	8260	108-88-3	Toluene	0.69	ug/L	1	0.2	J
600-G-138	10/22/15	1510221430B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	10/22/15	1510221430B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/22/15	1510221430B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	10/22/15	1510221430B	VOA	8260	79-01-6	Trichloroethene (TCE)	63	ug/L	1	0.22	
600-G-138	10/22/15	1510221430B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.37	ug/L	1	0.2	J
600-G-138	10/22/15	1510221430B	VOA	8260	TIC	Unknown	5.8	ug/L	0		TIC RB FB
600-G-138	10/22/15	1510221430B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/22/15	1510221430B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	10/22/15	1510221425B	Initial	PARAMS	NA	Conductivity	1896	µS/cm	0	0	
600-G-138	10/22/15	1510221425B	Initial	PARAMS	NA	DTW	145.26	ft	0	0	
600-G-138	10/22/15	1510221425B	Initial	PARAMS	NA	pH	7.66	NA	0	0	
600-G-138	10/22/15	1510221425B	Initial	PARAMS	NA	Temperature	19	ºC	0	0	
600-G-138	10/22/15	1510221425B	Initial	PARAMS	NA	Turbidity	1.1	NTU	0	0	
600-G-138	08/04/15	1508041322B	Final	PARAMS	NA	Conductivity	1928	µS/cm	0	0	
600-G-138	08/04/15	1508041322B	Final	PARAMS	NA	DTW	147.89	ft	0	0	
600-G-138	08/04/15	1508041322B	Final	PARAMS	NA	pH	8.07	NA	0	0	
600-G-138	08/04/15	1508041322B	Final	PARAMS	NA	Temperature	27.9	ºC	0	0	
600-G-138	08/04/15	1508041322B	Final	PARAMS	NA	Turbidity	1.96	NTU	0	0	
600-G-138	08/04/15	1508041318B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.2	mg/L	0.5	0.12	
600-G-138	08/04/15	1508041317B	CHLORIDE	300.0	16887-00-6	Chloride	238	mg/L	8	4	
600-G-138	08/04/15	1508041315B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	08/04/15	1508041315B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	08/04/15	1508041315B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	08/04/15	1508041315B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	40	ug/L	1	0.31	
600-G-138	08/04/15	1508041315B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	08/04/15	1508041315B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	75-35-4	1,1-Dichloroethene	0.81	ug/L	1	0.57	J
600-G-138	08/04/15	1508041315B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	08/04/15	1508041315B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	08/04/15	1508041315B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	08/04/15	1508041315B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.1	ug/L	1	0.21	
600-G-138	08/04/15	1508041315B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	08/04/15	1508041315B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	08/04/15	1508041315B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	08/04/15	1508041315B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	08/04/15	1508041315B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	08/04/15	1508041315B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	08/04/15	1508041315B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	08/04/15	1508041315B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	08/04/15	1508041315B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	08/04/15	1508041315B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	08/04/15	1508041315B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	08/04/15	1508041315B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	08/04/15	1508041315B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	08/04/15	1508041315B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	08/04/15	1508041315B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	08/04/15	1508041315B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	08/04/15	1508041315B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	08/04/15	1508041315B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	08/04/15	1508041315B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	08/04/15	1508041315B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	08/04/15	1508041315B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	08/04/15	1508041315B	VOA	8260	67-66-3	Chloroform	0.77	ug/L	1	0.25	J
600-G-138	08/04/15	1508041315B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	08/04/15	1508041315B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	08/04/15	1508041315B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	08/04/15	1508041315B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	08/04/15	1508041315B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	08/04/15	1508041315B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	08/04/15	1508041315B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	08/04/15	1508041315B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	08/04/15	1508041315B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	08/04/15	1508041315B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	08/04/15	1508041315B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	08/04/15	1508041315B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	08/04/15	1508041315B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	08/04/15	1508041315B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	08/04/15	1508041315B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	08/04/15	1508041315B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	08/04/15	1508041315B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	08/04/15	1508041315B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	08/04/15	1508041315B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	08/04/15	1508041315B	VOA	8260	108-88-3	Toluene	0.73	ug/L	1	0.2	J
600-G-138	08/04/15	1508041315B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	08/04/15	1508041315B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	08/04/15	1508041315B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	08/04/15	1508041315B	VOA	8260	79-01-6	Trichloroethene (TCE)	99	ug/L	1	0.22	
600-G-138	08/04/15	1508041315B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.66	ug/L	1	0.2	J
600-G-138	08/04/15	1508041315B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	08/04/15	1508041315B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	08/04/15	1508041312B	Initial	PARAMS	NA	Conductivity	1915	µS/cm	0	0	
600-G-138	08/04/15	1508041312B	Initial	PARAMS	NA	DTW	145.22	ft	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	08/04/15	1508041312B	Initial	PARAMS	NA	pH	8.19	NA	0	0	
600-G-138	08/04/15	1508041312B	Initial	PARAMS	NA	Temperature	28.1	ºC	0	0	
600-G-138	08/04/15	1508041312B	Initial	PARAMS	NA	Turbidity	1.87	NTU	0	0	
600-G-138	04/16/15	1504161455B	Final	PARAMS	NA	Conductivity	1959	µS/cm	0	0	
600-G-138	04/16/15	1504161455B	Final	PARAMS	NA	DTW	147.81	ft	0	0	
600-G-138	04/16/15	1504161455B	Final	PARAMS	NA	pH	7.67	NA	0	0	
600-G-138	04/16/15	1504161455B	Final	PARAMS	NA	Temperature	23.6	ºC	0	0	
600-G-138	04/16/15	1504161455B	Final	PARAMS	NA	Turbidity	6.13	NTU	0	0	
600-G-138	04/16/15	1504161454B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.8	mg/L	0.5	0.02	
600-G-138	04/16/15	1504161453B	CHLORIDE	300.0	16887-00-6	Chloride	226	mg/L	8	1.2	
600-G-138	04/16/15	1504161452B	NDMA	607	314-40-9	Bromacil	20	ug/L	0.038	0.019	
600-G-138	04/16/15	1504161452B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.038	0.019	
600-G-138	04/16/15	1504161452B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.038	0.019	
600-G-138	04/16/15	1504161450B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/16/15	1504161450B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/16/15	1504161450B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/16/15	1504161450B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	23	ug/L	1	0.31	
600-G-138	04/16/15	1504161450B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/16/15	1504161450B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	04/16/15	1504161450B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/16/15	1504161450B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/16/15	1504161450B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/16/15	1504161450B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.63	ug/L	1	0.21	J
600-G-138	04/16/15	1504161450B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/16/15	1504161450B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/16/15	1504161450B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/16/15	1504161450B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/16/15	1504161450B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/16/15	1504161450B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/16/15	1504161450B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/16/15	1504161450B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/16/15	1504161450B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/16/15	1504161450B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/16/15	1504161450B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/16/15	1504161450B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/16/15	1504161450B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/16/15	1504161450B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/16/15	1504161450B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/16/15	1504161450B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/16/15	1504161450B	VOA	8260	74-83-9	Bromomethane	0.29	ug/L	2	0.29	J
600-G-138	04/16/15	1504161450B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/16/15	1504161450B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/16/15	1504161450B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/16/15	1504161450B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/16/15	1504161450B	VOA	8260	67-66-3	Chloroform	0.54	ug/L	1	0.25	J
600-G-138	04/16/15	1504161450B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/16/15	1504161450B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/16/15	1504161450B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/16/15	1504161450B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/16/15	1504161450B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/16/15	1504161450B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/16/15	1504161450B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/16/15	1504161450B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/16/15	1504161450B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	04/16/15	1504161450B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/16/15	1504161450B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/16/15	1504161450B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/16/15	1504161450B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/16/15	1504161450B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/16/15	1504161450B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/16/15	1504161450B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/16/15	1504161450B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/16/15	1504161450B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/16/15	1504161450B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/16/15	1504161450B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/16/15	1504161450B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/16/15	1504161450B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/16/15	1504161450B	VOA	8260	79-01-6	Trichloroethene (TCE)	82	ug/L	1	0.22	
600-G-138	04/16/15	1504161450B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.31	ug/L	1	0.2	J
600-G-138	04/16/15	1504161450B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/16/15	1504161450B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/16/15	1504161445B	Initial	PARAMS	NA	Conductivity	1941	µS/cm	0	0	
600-G-138	04/16/15	1504161445B	Initial	PARAMS	NA	DTW	145.29	ft	0	0	
600-G-138	04/16/15	1504161445B	Initial	PARAMS	NA	pH	7.58	NA	0	0	
600-G-138	04/16/15	1504161445B	Initial	PARAMS	NA	Temperature	23.3	ºC	0	0	
600-G-138	04/16/15	1504161445B	Initial	PARAMS	NA	Turbidity	7.45	NTU	0	0	
600-G-138	01/28/15	1501281450A	Final	PARAMS	NA	Conductivity	1922	µS/cm	0	0	
600-G-138	01/28/15	1501281450A	Final	PARAMS	NA	DTW	147.93	ft	0	0	
600-G-138	01/28/15	1501281450A	Final	PARAMS	NA	pH	8.16	NA	0	0	
600-G-138	01/28/15	1501281450A	Final	PARAMS	NA	Temperature	21.3	ºC	0	0	
600-G-138	01/28/15	1501281450A	Final	PARAMS	NA	Turbidity	1	NTU	0	0	
600-G-138	01/28/15	1501281444A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	11.3	mg/L	0.5	0.02	
600-G-138	01/28/15	1501281443A	CHLORIDE	300.0	16887-00-6	Chloride	221	mg/L	20	3	
600-G-138	01/28/15	1501281442A	METALS	METALS	7429-90-5	Aluminum, Total	0	mg/L	0.1	0.03	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-36-0	Antimony, Total	0.0006	mg/L	0.001	0.0002	J RB
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-38-2	Arsenic, Total	0.0029	mg/L	0.001	0.0003	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-39-3	Barium, Total	0.046	mg/L	0.02	0.004	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-42-8	Boron, Total	0.58	mg/L	0.2	0.03	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0005	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-70-2	Calcium, Total	151	mg/L	5	0.8	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-47-3	Chromium, Total	0	mg/L	0.01	0.0009	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-50-8	Copper, Total	0.014	mg/L	0.02	0.004	J
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-89-6	Iron, Total	0	mg/L	0.1	0.02	
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-95-4	Magnesium, Total	96.8	mg/L	1	0.02	
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-96-5	Manganese, Total	0	mg/L	0.01	0.002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00003	
600-G-138	01/28/15	1501281442A	METALS	METALS	7439-98-7	Molybdenum, Total	0.011	mg/L	0.025	0.002	J RB
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-09-7	Potassium, Total	3.9	mg/L	2	0.2	
600-G-138	01/28/15	1501281442A	METALS	METALS	7782-49-2	Selenium, Total	0.019	mg/L	0.01	0.003	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.0009	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-23-5	Sodium, Total	133	mg/L	1	0.09	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-24-6	Strontium, Total	5.16	mg/L	0.1	0.002	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-28-0	Thallium, Total	0.00006	mg/L	0.001	0.00004	J RB
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.05	
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-62-2	Vanadium, Total	0.0009	mg/L	0.05	0.0007	J
600-G-138	01/28/15	1501281442A	METALS	METALS	7440-66-6	Zinc, Total	0.142	mg/L	0.02	0.005	
600-G-138	01/28/15	1501281440A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/28/15	1501281440A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/28/15	1501281440A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/28/15	1501281440A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	45	ug/L	1	0.31	
600-G-138	01/28/15	1501281440A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/28/15	1501281440A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	75-35-4	1,1-Dichloroethene	0.9	ug/L	1	0.57	J
600-G-138	01/28/15	1501281440A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/28/15	1501281440A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/28/15	1501281440A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/28/15	1501281440A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1	ug/L	1	0.21	
600-G-138	01/28/15	1501281440A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/28/15	1501281440A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/28/15	1501281440A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/28/15	1501281440A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/28/15	1501281440A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/28/15	1501281440A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/28/15	1501281440A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/28/15	1501281440A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	01/28/15	1501281440A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	01/28/15	1501281440A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/28/15	1501281440A	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	01/28/15	1501281440A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/28/15	1501281440A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	01/28/15	1501281440A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/28/15	1501281440A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/28/15	1501281440A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/28/15	1501281440A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	01/28/15	1501281440A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/28/15	1501281440A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/28/15	1501281440A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/28/15	1501281440A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/28/15	1501281440A	VOA	8260	67-66-3	Chloroform	0.83	ug/L	1	0.25	J
600-G-138	01/28/15	1501281440A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/28/15	1501281440A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/28/15	1501281440A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/28/15	1501281440A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/28/15	1501281440A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/28/15	1501281440A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/28/15	1501281440A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/28/15	1501281440A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/28/15	1501281440A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.6	
600-G-138	01/28/15	1501281440A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/28/15	1501281440A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/28/15	1501281440A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/28/15	1501281440A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/28/15	1501281440A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/28/15	1501281440A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	01/28/15	1501281440A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/28/15	1501281440A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	01/28/15	1501281440A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/28/15	1501281440A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/28/15	1501281440A	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/28/15	1501281440A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/28/15	1501281440A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/28/15	1501281440A	VOA	8260	79-01-6	Trichloroethene (TCE)	110	ug/L	1	0.22	
600-G-138	01/28/15	1501281440A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.65	ug/L	1	0.2	J
600-G-138	01/28/15	1501281440A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/28/15	1501281440A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/28/15	1501281435A	Initial	PARAMS	NA	Conductivity	1936	µS/cm	0	0	
600-G-138	01/28/15	1501281435A	Initial	PARAMS	NA	DTW	145.18	ft	0	0	
600-G-138	01/28/15	1501281435A	Initial	PARAMS	NA	pH	8.29	NA	0	0	
600-G-138	01/28/15	1501281435A	Initial	PARAMS	NA	Temperature	21	ºC	0	0	
600-G-138	01/28/15	1501281435A	Initial	PARAMS	NA	Turbidity	0.68	NTU	0	0	
600-G-138	11/20/14	1411201448C	Final	PARAMS	NA	Conductivity	2240	µS/cm	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	11/20/14	1411201448C	Final	PARAMS	NA	DTW	147.87	ft	0	0	
600-G-138	11/20/14	1411201448C	Final	PARAMS	NA	pH	8.31	NA	0	0	
600-G-138	11/20/14	1411201448C	Final	PARAMS	NA	Temperature	18.1	ºC	0	0	
600-G-138	11/20/14	1411201448C	Final	PARAMS	NA	Turbidity	1.71	NTU	0	0	
600-G-138	11/20/14	1411201447C	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.6	mg/L	0.5	0.02	
600-G-138	11/20/14	1411201446C	CHLORIDE	300.0	16887-00-6	Chloride	282	mg/L	20	3	
600-G-138	11/20/14	1411201445C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	11/20/14	1411201445C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	11/20/14	1411201445C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	11/20/14	1411201445C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13	ug/L	1	0.31	
600-G-138	11/20/14	1411201445C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	11/20/14	1411201445C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	11/20/14	1411201445C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	11/20/14	1411201445C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	11/20/14	1411201445C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	11/20/14	1411201445C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.39	ug/L	1	0.21	J
600-G-138	11/20/14	1411201445C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	11/20/14	1411201445C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	11/20/14	1411201445C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	11/20/14	1411201445C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	11/20/14	1411201445C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	11/20/14	1411201445C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	11/20/14	1411201445C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	11/20/14	1411201445C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	11/20/14	1411201445C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	11/20/14	1411201445C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	11/20/14	1411201445C	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	11/20/14	1411201445C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	11/20/14	1411201445C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	11/20/14	1411201445C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	11/20/14	1411201445C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	11/20/14	1411201445C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	11/20/14	1411201445C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	11/20/14	1411201445C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	11/20/14	1411201445C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	11/20/14	1411201445C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	11/20/14	1411201445C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	11/20/14	1411201445C	VOA	8260	67-66-3	Chloroform	0.56	ug/L	1	0.25	J
600-G-138	11/20/14	1411201445C	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	11/20/14	1411201445C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	11/20/14	1411201445C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	11/20/14	1411201445C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	11/20/14	1411201445C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	11/20/14	1411201445C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	11/20/14	1411201445C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	11/20/14	1411201445C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	11/20/14	1411201445C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	11/20/14	1411201445C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	11/20/14	1411201445C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	11/20/14	1411201445C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	11/20/14	1411201445C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	11/20/14	1411201445C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	11/20/14	1411201445C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	11/20/14	1411201445C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	11/20/14	1411201445C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	11/20/14	1411201445C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	11/20/14	1411201445C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	11/20/14	1411201445C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	11/20/14	1411201445C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	11/20/14	1411201445C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	11/20/14	1411201445C	VOA	8260	79-01-6	Trichloroethene (TCE)	65	ug/L	1	0.22	
600-G-138	11/20/14	1411201445C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.23	ug/L	1	0.2	J
600-G-138	11/20/14	1411201445C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	11/20/14	1411201445C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	11/20/14	1411201440C	Initial	PARAMS	NA	Conductivity	2200	µS/cm	0	0	
600-G-138	11/20/14	1411201440C	Initial	PARAMS	NA	DTW	145.21	ft	0	0	
600-G-138	11/20/14	1411201440C	Initial	PARAMS	NA	pH	8.49	NA	0	0	
600-G-138	11/20/14	1411201440C	Initial	PARAMS	NA	Temperature	18.3	ºC	0	0	
600-G-138	11/20/14	1411201440C	Initial	PARAMS	NA	Turbidity	2.51	NTU	0	0	
600-G-138	07/30/14	1407301314A	Final	PARAMS	NA	Conductivity	2220	µS/cm	0	0	
600-G-138	07/30/14	1407301314A	Final	PARAMS	NA	DTW	147.5	ft	0	0	
600-G-138	07/30/14	1407301314A	Final	PARAMS	NA	pH	6.76	NA	0	0	
600-G-138	07/30/14	1407301314A	Final	PARAMS	NA	Temperature	28.1	ºC	0	0	
600-G-138	07/30/14	1407301314A	Final	PARAMS	NA	Turbidity	4.65	NTU	0	0	
600-G-138	07/30/14	1407301313A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.8	mg/L	0.5	0.02	
600-G-138	07/30/14	1407301312A	CHLORIDE	300.0	16887-00-6	Chloride	265	mg/L	8	1.2	
600-G-138	07/30/14	1407301310A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/30/14	1407301310A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/30/14	1407301310A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/30/14	1407301310A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.5	ug/L	1	0.31	
600-G-138	07/30/14	1407301310A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/30/14	1407301310A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	07/30/14	1407301310A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/30/14	1407301310A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/30/14	1407301310A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/30/14	1407301310A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.27	ug/L	1	0.21	J

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/30/14	1407301310A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/30/14	1407301310A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/30/14	1407301310A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/30/14	1407301310A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/30/14	1407301310A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/30/14	1407301310A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/30/14	1407301310A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/30/14	1407301310A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	07/30/14	1407301310A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/30/14	1407301310A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/30/14	1407301310A	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	07/30/14	1407301310A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	07/30/14	1407301310A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/30/14	1407301310A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/30/14	1407301310A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/30/14	1407301310A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/30/14	1407301310A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/30/14	1407301310A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/30/14	1407301310A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/30/14	1407301310A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/30/14	1407301310A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/30/14	1407301310A	VOA	8260	67-66-3	Chloroform	0.51	ug/L	1	0.25	J
600-G-138	07/30/14	1407301310A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/30/14	1407301310A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/30/14	1407301310A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	07/30/14	1407301310A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/30/14	1407301310A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/30/14	1407301310A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/30/14	1407301310A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/30/14	1407301310A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/30/14	1407301310A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	07/30/14	1407301310A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/30/14	1407301310A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/30/14	1407301310A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/30/14	1407301310A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/30/14	1407301310A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/30/14	1407301310A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/30/14	1407301310A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/30/14	1407301310A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/30/14	1407301310A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/30/14	1407301310A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/30/14	1407301310A	VOA	8260	108-88-3	Toluene	9.5	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/30/14	1407301310A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/30/14	1407301310A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/30/14	1407301310A	VOA	8260	79-01-6	Trichloroethene (TCE)	44	ug/L	1	0.22	
600-G-138	07/30/14	1407301310A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0	ug/L	1	0.2	
600-G-138	07/30/14	1407301310A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/30/14	1407301310A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/30/14	1407301300A	Initial	PARAMS	NA	Conductivity	2200	µS/cm	0	0	
600-G-138	07/30/14	1407301300A	Initial	PARAMS	NA	DTW	145.52	ft	0	0	
600-G-138	07/30/14	1407301300A	Initial	PARAMS	NA	pH	6.71	NA	0	0	
600-G-138	07/30/14	1407301300A	Initial	PARAMS	NA	Temperature	28.4	ºC	0	0	
600-G-138	07/30/14	1407301300A	Initial	PARAMS	NA	Turbidity	5.81	NTU	0	0	
600-G-138	04/21/14	1404211035A	Final	PARAMS	NA	Conductivity	913	µS/cm	0	0	
600-G-138	04/21/14	1404211035A	Final	PARAMS	NA	DTW	148.12	ft	0	0	
600-G-138	04/21/14	1404211035A	Final	PARAMS	NA	pH	7.37	NA	0	0	
600-G-138	04/21/14	1404211035A	Final	PARAMS	NA	Temperature	21.5	ºC	0	0	
600-G-138	04/21/14	1404211035A	Final	PARAMS	NA	Turbidity	0.67	NTU	0	0	
600-G-138	04/21/14	1404211034A	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12	mg/L	0.25	0.007	
600-G-138	04/21/14	1404211033A	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	207	mg/L	2	0.3	
600-G-138	04/21/14	1404211033A	ANIONS	ANIONS	16887-00-6	Chloride	242	mg/L	8	1.2	
600-G-138	04/21/14	1404211033A	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.11	mg/L	0.1	0.04	
600-G-138	04/21/14	1404211033A	ANIONS	ANIONS	14808-79-8	Sulfate	530	mg/L	20	19	
600-G-138	04/21/14	1404211032A	NDMA	607	314-40-9	Bromacil	25	ug/L	0.0094	0.0047	
600-G-138	04/21/14	1404211032A	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0094	0.0047	
600-G-138	04/21/14	1404211032A	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0094	0.0047	
600-G-138	04/21/14	1404211030A	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/21/14	1404211030A	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/21/14	1404211030A	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/21/14	1404211030A	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	16	ug/L	1	0.31	
600-G-138	04/21/14	1404211030A	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/21/14	1404211030A	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	75-35-4	1,1-Dichloroethene	0.57	ug/L	1	0.57	J
600-G-138	04/21/14	1404211030A	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/21/14	1404211030A	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/21/14	1404211030A	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/21/14	1404211030A	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.62	ug/L	1	0.21	J
600-G-138	04/21/14	1404211030A	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/21/14	1404211030A	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/21/14	1404211030A	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/21/14	1404211030A	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/21/14	1404211030A	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/21/14	1404211030A	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/21/14	1404211030A	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/21/14	1404211030A	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/21/14	1404211030A	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/21/14	1404211030A	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/21/14	1404211030A	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	04/21/14	1404211030A	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/21/14	1404211030A	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/21/14	1404211030A	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/21/14	1404211030A	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/21/14	1404211030A	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/21/14	1404211030A	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/21/14	1404211030A	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/21/14	1404211030A	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/21/14	1404211030A	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/21/14	1404211030A	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/21/14	1404211030A	VOA	8260	67-66-3	Chloroform	0.61	ug/L	1	0.25	J
600-G-138	04/21/14	1404211030A	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/21/14	1404211030A	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/21/14	1404211030A	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/21/14	1404211030A	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/21/14	1404211030A	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/21/14	1404211030A	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/21/14	1404211030A	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/21/14	1404211030A	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/21/14	1404211030A	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	04/21/14	1404211030A	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/21/14	1404211030A	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/21/14	1404211030A	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/21/14	1404211030A	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/21/14	1404211030A	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/21/14	1404211030A	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/21/14	1404211030A	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/21/14	1404211030A	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/21/14	1404211030A	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/21/14	1404211030A	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/21/14	1404211030A	VOA	8260	108-88-3	Toluene	0.8	ug/L	1	0.2	J
600-G-138	04/21/14	1404211030A	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/21/14	1404211030A	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/21/14	1404211030A	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/21/14	1404211030A	VOA	8260	79-01-6	Trichloroethene (TCE)	88	ug/L	1	0.22	
600-G-138	04/21/14	1404211030A	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.45	ug/L	1	0.2	J
600-G-138	04/21/14	1404211030A	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/21/14	1404211030A	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/21/14	1404211025A	Initial	PARAMS	NA	Conductivity	897	µS/cm	0	0	
600-G-138	04/21/14	1404211025A	Initial	PARAMS	NA	DTW	145.43	ft	0	0	
600-G-138	04/21/14	1404211025A	Initial	PARAMS	NA	pH	7.54	NA	0	0	
600-G-138	04/21/14	1404211025A	Initial	PARAMS	NA	Temperature	21.2	ºC	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/21/14	1404211025A	Initial	PARAMS	NA	Turbidity	0.98	NTU	0	0	
600-G-138	01/29/14	1401291455	Final	PARAMS	NA	Conductivity	1837	µS/cm	0	0	
600-G-138	01/29/14	1401291455	Final	PARAMS	NA	DTW	148.05	ft	0	0	
600-G-138	01/29/14	1401291455	Final	PARAMS	NA	pH	7.26	NA	0	0	
600-G-138	01/29/14	1401291455	Final	PARAMS	NA	Temperature	19.6	ºC	0	0	
600-G-138	01/29/14	1401291455	Final	PARAMS	NA	Turbidity	17.2	NTU	0	0	
600-G-138	01/29/14	1401291423	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12	mg/L	0.5	0.03	
600-G-138	01/29/14	1401291422	PERCHLORATE	6850	14797-73-0	Perchlorate	2.2	ug/L	0.2	0.026	
600-G-138	01/29/14	1401291421	TDS	SM2540C	NA	Solids, Total Dissolved	1320	mg/L	20	9	
600-G-138	01/29/14	1401291420	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	207	mg/L	2	0.5	
600-G-138	01/29/14	1401291420	ANIONS	ANIONS	16887-00-6	Chloride	238	mg/L	10	2	
600-G-138	01/29/14	1401291420	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.23	mg/L	0.1	0.04	
600-G-138	01/29/14	1401291420	ANIONS	ANIONS	14808-79-8	Sulfate	447	mg/L	10	10	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7429-90-5	Aluminum, Total	0.09	mg/L	0.1	0.03	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0003	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-38-2	Arsenic, Total	0.0023	mg/L	0.001	0.0002	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-39-3	Barium, Total	0.051	mg/L	0.02	0.0009	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.04	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-70-2	Calcium, Total	153	mg/L	1	0.2	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-47-3	Chromium, Total	0.038	mg/L	0.01	0.0009	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-48-4	Cobalt, Total	0.002	mg/L	0.05	0.0009	J RB
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-50-8	Copper, Total	0.007	mg/L	0.02	0.002	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-89-6	Iron, Total	0.29	mg/L	0.1	0.02	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.002	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-95-4	Magnesium, Total	99.3	mg/L	1	0.02	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-96-5	Manganese, Total	0.007	mg/L	0.01	0.002	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.0008	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-02-0	Nickel, Total	0.015	mg/L	0.04	0.001	J RB
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-09-7	Potassium, Total	4	mg/L	2	0.1	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7782-49-2	Selenium, Total	0.016	mg/L	0.01	0.005	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-23-5	Sodium, Total	132	mg/L	1	0.08	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-24-6	Strontium, Total	5.08	mg/L	0.1	0.0009	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00003	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.04	
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-62-2	Vanadium, Total	0.001	mg/L	0.05	0.0005	J
600-G-138	01/29/14	1401291419	METALS-D	METALS	7440-66-6	Zinc, Total	0.037	mg/L	0.02	0.001	
600-G-138	01/29/14	1401291418	METALS	METALS	7429-90-5	Aluminum, Total	0.11	mg/L	0.1	0.03	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.001	0.0003	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-38-2	Arsenic, Total	0.0019	mg/L	0.001	0.0002	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-39-3	Barium, Total	0.051	mg/L	0.02	0.0009	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.04	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/29/14	1401291418	METALS	METALS	7440-70-2	Calcium, Total	151	mg/L	1	0.2	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-47-3	Chromium, Total	0.032	mg/L	0.01	0.0009	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-48-4	Cobalt, Total	0.002	mg/L	0.05	0.0009	J RB
600-G-138	01/29/14	1401291418	METALS	METALS	7440-50-8	Copper, Total	0.007	mg/L	0.02	0.002	J
600-G-138	01/29/14	1401291418	METALS	METALS	7439-89-6	Iron, Total	0.32	mg/L	0.1	0.02	J
600-G-138	01/29/14	1401291418	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.002	
600-G-138	01/29/14	1401291418	METALS	METALS	7439-95-4	Magnesium, Total	98.1	mg/L	1	0.02	
600-G-138	01/29/14	1401291418	METALS	METALS	7439-96-5	Manganese, Total	0.008	mg/L	0.01	0.002	J
600-G-138	01/29/14	1401291418	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	01/29/14	1401291418	METALS	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.0008	J
600-G-138	01/29/14	1401291418	METALS	METALS	7440-02-0	Nickel, Total	0.015	mg/L	0.04	0.001	J RB
600-G-138	01/29/14	1401291418	METALS	METALS	7440-09-7	Potassium, Total	4	mg/L	2	0.1	
600-G-138	01/29/14	1401291418	METALS	METALS	7782-49-2	Selenium, Total	0.015	mg/L	0.01	0.005	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-23-5	Sodium, Total	129	mg/L	5	0.4	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-24-6	Strontium, Total	5.06	mg/L	0.1	0.0009	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00003	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.04	
600-G-138	01/29/14	1401291418	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.0005	J
600-G-138	01/29/14	1401291418	METALS	METALS	7440-66-6	Zinc, Total	0.034	mg/L	0.02	0.001	
600-G-138	01/29/14	1401291417	NDMA	607	314-40-9	Bromacil	23	ug/L	0.038	0.019	D
600-G-138	01/29/14	1401291417	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.038	0.019	
600-G-138	01/29/14	1401291417	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.038	0.019	
600-G-138	01/29/14	1401291416	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/29/14	1401291416	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/29/14	1401291416	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/29/14	1401291416	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	45	ug/L	1	0.31	
600-G-138	01/29/14	1401291416	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-35-4	1,1-Dichloroethene	0.88	ug/L	1	0.57	J
600-G-138	01/29/14	1401291416	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/29/14	1401291416	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/29/14	1401291416	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291416	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.74	ug/L	1	0.21	J
600-G-138	01/29/14	1401291416	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/29/14	1401291416	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/29/14	1401291416	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291416	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/29/14	1401291416	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/29/14	1401291416	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/29/14	1401291416	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/29/14	1401291416	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	01/29/14	1401291416	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	01/29/14	1401291416	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/29/14	1401291416	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/29/14	1401291416	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	01/29/14	1401291416	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/29/14	1401291416	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/29/14	1401291416	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/29/14	1401291416	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/29/14	1401291416	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/29/14	1401291416	VOA-D	8260	67-66-3	Chloroform	0.65	ug/L	1	0.25	J
600-G-138	01/29/14	1401291416	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/29/14	1401291416	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/29/14	1401291416	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291416	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/29/14	1401291416	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/29/14	1401291416	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291416	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/29/14	1401291416	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/29/14	1401291416	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/29/14	1401291416	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/29/14	1401291416	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/29/14	1401291416	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	01/29/14	1401291416	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/29/14	1401291416	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	01/29/14	1401291416	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/29/14	1401291416	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/29/14	1401291416	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/29/14	1401291416	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291416	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/29/14	1401291416	VOA-D	8260	79-01-6	Trichloroethene (TCE)	100	ug/L	1	0.22	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.45	ug/L	1	0.2	J
600-G-138	01/29/14	1401291416	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/29/14	1401291416	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291415	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	01/29/14	1401291415	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	01/29/14	1401291415	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	01/29/14	1401291415	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	44	ug/L	1	0.31	
600-G-138	01/29/14	1401291415	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	01/29/14	1401291415	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/29/14	1401291415	VOA	8260	75-35-4	1,1-Dichloroethene	0.81	ug/L	1	0.57	J
600-G-138	01/29/14	1401291415	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	01/29/14	1401291415	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	01/29/14	1401291415	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291415	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.77	ug/L	1	0.21	J
600-G-138	01/29/14	1401291415	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	01/29/14	1401291415	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	01/29/14	1401291415	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291415	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	01/29/14	1401291415	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	01/29/14	1401291415	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	01/29/14	1401291415	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	01/29/14	1401291415	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	01/29/14	1401291415	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	01/29/14	1401291415	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	01/29/14	1401291415	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	01/29/14	1401291415	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	01/29/14	1401291415	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	01/29/14	1401291415	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/29/14	1401291415	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291415	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	01/29/14	1401291415	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	01/29/14	1401291415	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	01/29/14	1401291415	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	01/29/14	1401291415	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	01/29/14	1401291415	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	01/29/14	1401291415	VOA	8260	67-66-3	Chloroform	0.61	ug/L	1	0.25	J
600-G-138	01/29/14	1401291415	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	01/29/14	1401291415	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	01/29/14	1401291415	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291415	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	01/29/14	1401291415	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	01/29/14	1401291415	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291415	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	01/29/14	1401291415	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/29/14	1401291415	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291415	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	01/29/14	1401291415	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	01/29/14	1401291415	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	01/29/14	1401291415	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	01/29/14	1401291415	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	01/29/14	1401291415	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	01/29/14	1401291415	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	01/29/14	1401291415	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/29/14	1401291415	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	01/29/14	1401291415	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	01/29/14	1401291415	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	01/29/14	1401291415	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	01/29/14	1401291415	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/29/14	1401291415	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	01/29/14	1401291415	VOA	8260	79-01-6	Trichloroethene (TCE)	100	ug/L	1	0.22	
600-G-138	01/29/14	1401291415	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.46	ug/L	1	0.2	J
600-G-138	01/29/14	1401291415	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	01/29/14	1401291415	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	01/29/14	1401291410	Initial	PARAMS	NA	Conductivity	1849	µS/cm	0	0	
600-G-138	01/29/14	1401291410	Initial	PARAMS	NA	DTW	145.36	ft	0	0	
600-G-138	01/29/14	1401291410	Initial	PARAMS	NA	pH	7.18	NA	0	0	
600-G-138	01/29/14	1401291410	Initial	PARAMS	NA	Temperature	19.5	ºC	0	0	
600-G-138	01/29/14	1401291410	Initial	PARAMS	NA	Turbidity	18	NTU	0	0	
600-G-138	11/13/13	1311131450C	Final	PARAMS	NA	Conductivity	2320	µS/cm	0	0	
600-G-138	11/13/13	1311131450C	Final	PARAMS	NA	DTW	145.77	ft	0	0	
600-G-138	11/13/13	1311131450C	Final	PARAMS	NA	pH	7.81	NA	0	0	
600-G-138	11/13/13	1311131450C	Final	PARAMS	NA	Temperature	19.8	ºC	0	0	
600-G-138	11/13/13	1311131450C	Final	PARAMS	NA	Turbidity	1.3	NTU	0	0	
600-G-138	11/13/13	1311131445C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	11/13/13	1311131445C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	11/13/13	1311131445C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	11/13/13	1311131445C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	82	ug/L	1	0.31	
600-G-138	11/13/13	1311131445C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	11/13/13	1311131445C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	75-35-4	1,1-Dichloroethene	1.1	ug/L	1	0.57	
600-G-138	11/13/13	1311131445C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	11/13/13	1311131445C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	11/13/13	1311131445C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	11/13/13	1311131445C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.2	ug/L	1	0.21	
600-G-138	11/13/13	1311131445C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	11/13/13	1311131445C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	11/13/13	1311131445C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	11/13/13	1311131445C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	11/13/13	1311131445C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	11/13/13	1311131445C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	11/13/13	1311131445C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	11/13/13	1311131445C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	11/13/13	1311131445C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	11/13/13	1311131445C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	11/13/13	1311131445C	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	11/13/13	1311131445C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	11/13/13	1311131445C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	11/13/13	1311131445C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	11/13/13	1311131445C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	11/13/13	1311131445C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	11/13/13	1311131445C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	11/13/13	1311131445C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	11/13/13	1311131445C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	11/13/13	1311131445C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	11/13/13	1311131445C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	11/13/13	1311131445C	VOA	8260	67-66-3	Chloroform	0.68	ug/L	1	0.25	J
600-G-138	11/13/13	1311131445C	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	11/13/13	1311131445C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	11/13/13	1311131445C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	11/13/13	1311131445C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	11/13/13	1311131445C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	11/13/13	1311131445C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	11/13/13	1311131445C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	11/13/13	1311131445C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	11/13/13	1311131445C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	11/13/13	1311131445C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	11/13/13	1311131445C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	11/13/13	1311131445C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	11/13/13	1311131445C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	11/13/13	1311131445C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	11/13/13	1311131445C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	11/13/13	1311131445C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	11/13/13	1311131445C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	11/13/13	1311131445C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	11/13/13	1311131445C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	11/13/13	1311131445C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	11/13/13	1311131445C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	11/13/13	1311131445C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	11/13/13	1311131445C	VOA	8260	79-01-6	Trichloroethene (TCE)	110	ug/L	1	0.22	
600-G-138	11/13/13	1311131445C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.77	ug/L	1	0.2	J
600-G-138	11/13/13	1311131445C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	11/13/13	1311131445C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	11/13/13	1311131435C	Initial	PARAMS	NA	Conductivity	2270	µS/cm	0	0	
600-G-138	11/13/13	1311131435C	Initial	PARAMS	NA	DTW	145.48	ft	0	0	
600-G-138	11/13/13	1311131435C	Initial	PARAMS	NA	pH	7.68	NA	0	0	
600-G-138	11/13/13	1311131435C	Initial	PARAMS	NA	Temperature	19.3	ºC	0	0	
600-G-138	11/13/13	1311131435C	Initial	PARAMS	NA	Turbidity	1.59	NTU	0	0	
600-G-138	10/31/13	1310311507B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.9	mg/L	0.5	0.03	
600-G-138	10/31/13	1310311506B	PERCHLORATE	6850	14797-73-0	Perchlorate	2.8	ug/L	0.2	0.026	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/31/13	1310311505B	TDS	SM2540C	NA	Solids, Total Dissolved	1450	mg/L	20	9	
600-G-138	10/31/13	1310311504B	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	201	mg/L	2	0.5	
600-G-138	10/31/13	1310311504B	ANIONS	ANIONS	16887-00-6	Chloride	292	mg/L	10	2	
600-G-138	10/31/13	1310311504B	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.19	mg/L	0.1	0.04	
600-G-138	10/31/13	1310311504B	ANIONS	ANIONS	14808-79-8	Sulfate	538	mg/L	20	19	
600-G-138	10/31/13	1310311503B	METALS	METALS	7429-90-5	Aluminum, Total	0.46	mg/L	0.1	0.03	J
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-36-0	Antimony, Total	0.0004	mg/L	0.001	0.0003	J RB
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-38-2	Arsenic, Total	0.0028	mg/L	0.001	0.0002	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-39-3	Barium, Total	0.06	mg/L	0.02	0.0009	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.04	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-43-9	Cadmium, Total	0	mg/L	0.005	0.0004	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-70-2	Calcium, Total	185	mg/L	1	0.2	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-47-3	Chromium, Total	0.066	mg/L	0.01	0.0009	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-48-4	Cobalt, Total	0	mg/L	0.05	0.0009	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-50-8	Copper, Total	0.007	mg/L	0.02	0.002	J RB
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-89-6	Iron, Total	0.52	mg/L	0.1	0.02	
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.002	
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-95-4	Magnesium, Total	114	mg/L	1	0.02	
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-96-5	Manganese, Total	0.009	mg/L	0.01	0.002	J
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	10/31/13	1310311503B	METALS	METALS	7439-98-7	Molybdenum, Total	0.013	mg/L	0.025	0.0008	J
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-02-0	Nickel, Total	0.005	mg/L	0.04	0.001	J
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.1	
600-G-138	10/31/13	1310311503B	METALS	METALS	7782-49-2	Selenium, Total	0.02	mg/L	0.01	0.005	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-23-5	Sodium, Total	146	mg/L	1	0.08	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-24-6	Strontium, Total	5.8	mg/L	1	0.009	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00003	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.04	
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-62-2	Vanadium, Total	0.002	mg/L	0.05	0.0005	J
600-G-138	10/31/13	1310311503B	METALS	METALS	7440-66-6	Zinc, Total	0.042	mg/L	0.02	0.001	
600-G-138	10/31/13	1310311502B	NDMA	607	314-40-9	Bromacil	25	ug/L	0.038	0.019	D
600-G-138	10/31/13	1310311502B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.038	0.019	
600-G-138	10/31/13	1310311502B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.038	0.019	
600-G-138	10/31/13	1310311500B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	10/31/13	1310311500B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	10/31/13	1310311500B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	10/31/13	1310311500B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	33	ug/L	1	0.31	
600-G-138	10/31/13	1310311500B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	10/31/13	1310311500B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	75-35-4	1,1-Dichloroethene	1.1	ug/L	1	0.57	
600-G-138	10/31/13	1310311500B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	10/31/13	1310311500B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	10/31/13	1310311500B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	10/31/13	1310311500B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.68	ug/L	1	0.21	J
600-G-138	10/31/13	1310311500B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/31/13	1310311500B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	10/31/13	1310311500B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	10/31/13	1310311500B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	10/31/13	1310311500B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	10/31/13	1310311500B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	10/31/13	1310311500B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	10/31/13	1310311500B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	10/31/13	1310311500B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	10/31/13	1310311500B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	10/31/13	1310311500B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	10/31/13	1310311500B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	10/31/13	1310311500B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	10/31/13	1310311500B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	10/31/13	1310311500B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	10/31/13	1310311500B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	10/31/13	1310311500B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	10/31/13	1310311500B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	10/31/13	1310311500B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	10/31/13	1310311500B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	10/31/13	1310311500B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	10/31/13	1310311500B	VOA	8260	67-66-3	Chloroform	0.73	ug/L	1	0.25	J
600-G-138	10/31/13	1310311500B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	10/31/13	1310311500B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	10/31/13	1310311500B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	10/31/13	1310311500B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	10/31/13	1310311500B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	10/31/13	1310311500B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	10/31/13	1310311500B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	10/31/13	1310311500B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	10/31/13	1310311500B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	10/31/13	1310311500B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	10/31/13	1310311500B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	10/31/13	1310311500B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	10/31/13	1310311500B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	10/31/13	1310311500B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	10/31/13	1310311500B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	10/31/13	1310311500B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	10/31/13	1310311500B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	10/31/13	1310311500B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	10/31/13	1310311500B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	10/31/13	1310311500B	VOA	8260	108-88-3	Toluene	0.32	ug/L	1	0.2	J
600-G-138	10/31/13	1310311500B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	10/31/13	1310311500B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	10/31/13	1310311500B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	10/31/13	1310311500B	VOA	8260	79-01-6	Trichloroethene (TCE)	100	ug/L	1	0.22	
600-G-138	10/31/13	1310311500B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.42	ug/L	1	0.2	J
600-G-138	10/31/13	1310311500B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	10/31/13	1310311500B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	10/31/13	1310311455B	Final	PARAMS	NA	Conductivity	1975	µS/cm	0	0	
600-G-138	10/31/13	1310311455B	Final	PARAMS	NA	pH	7.73	NA	0	0	
600-G-138	10/31/13	1310311455B	Final	PARAMS	NA	Temperature	20.2	ºC	0	0	
600-G-138	10/31/13	1310311455B	Final	PARAMS	NA	Turbidity	13.3	NTU	0	0	
600-G-138	10/31/13	1310311400B	Initial	PARAMS	NA	Conductivity	1959	µS/cm	0	0	
600-G-138	10/31/13	1310311400B	Initial	PARAMS	NA	DTW	145.46	ft	0	0	
600-G-138	10/31/13	1310311400B	Initial	PARAMS	NA	pH	7.7	NA	0	0	
600-G-138	10/31/13	1310311400B	Initial	PARAMS	NA	Temperature	20.8	ºC	0	0	
600-G-138	10/31/13	1310311400B	Initial	PARAMS	NA	Turbidity	1.62	NTU	0	0	
600-G-138	07/16/13	1307161020C	Final	PARAMS	NA	Conductivity	2210	µS/cm	0	0	
600-G-138	07/16/13	1307161020C	Final	PARAMS	NA	pH	6.94	NA	0	0	
600-G-138	07/16/13	1307161020C	Final	PARAMS	NA	Temperature	20.7	ºC	0	0	
600-G-138	07/16/13	1307161020C	Final	PARAMS	NA	Turbidity	0.96	NTU	0	0	
600-G-138	07/16/13	1307160944C	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	13.5	mg/L	1	0.06	
600-G-138	07/16/13	1307160943C	PERCHLORATE	6850	14797-73-0	Perchlorate	2.9	ug/L	0.2	0.026	
600-G-138	07/16/13	1307160942C	TDS	SM2540C	NA	Solids, Total Dissolved	1510	mg/L	11	5	
600-G-138	07/16/13	1307160941C	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	213	mg/L	2	0.3	
600-G-138	07/16/13	1307160941C	ANIONS	ANIONS	16887-00-6	Chloride	281	mg/L	8	1.7	
600-G-138	07/16/13	1307160941C	ANIONS	ANIONS	16984-48-8	Fluoride, undistilled	1.27	mg/L	0.1	0.04	
600-G-138	07/16/13	1307160941C	ANIONS	ANIONS	14808-79-8	Sulfate	555	mg/L	20	6	
600-G-138	07/16/13	1307160939C	METALS	METALS	7429-90-5	Aluminum, Total	0.76	mg/L	0.1	0.008	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-36-0	Antimony, Total	0.0005	mg/L	0.001	0.0003	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-38-2	Arsenic, Total	0.004	mg/L	0.001	0.0004	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-39-3	Barium, Total	0.062	mg/L	0.02	0.0004	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.003	0.0002	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.05	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-43-9	Cadmium, Total	0.0002	mg/L	0.005	0.0002	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-70-2	Calcium, Total	171	mg/L	1	0.2	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-47-3	Chromium, Total	0.767	mg/L	0.01	0.0009	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-48-4	Cobalt, Total	0.001	mg/L	0.05	0.0004	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-50-8	Copper, Total	0.028	mg/L	0.02	0.002	
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-89-6	Iron, Total	2.82	mg/L	0.1	0.006	
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-92-1	Lead, Total	0.003	mg/L	0.05	0.0008	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-95-4	Magnesium, Total	106	mg/L	1	0.005	
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-96-5	Manganese, Total	0.022	mg/L	0.01	0.0007	
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	07/16/13	1307160939C	METALS	METALS	7439-98-7	Molybdenum, Total	0.018	mg/L	0.025	0.002	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-02-0	Nickel, Total	0.05	mg/L	0.04	0.003	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-09-7	Potassium, Total	4.3	mg/L	2	0.07	
600-G-138	07/16/13	1307160939C	METALS	METALS	7782-49-2	Selenium, Total	0.016	mg/L	0.01	0.004	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-23-5	Sodium, Total	156	mg/L	5	0.5	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-24-6	Strontium, Total	5.71	mg/L	0.1	0.001	SP
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00007	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-62-2	Vanadium, Total	0.003	mg/L	0.05	0.0003	J
600-G-138	07/16/13	1307160939C	METALS	METALS	7440-66-6	Zinc, Total	0.131	mg/L	0.02	0.002	
600-G-138	07/16/13	1307160938C	NDMA	607	314-40-9	Bromacil	23.4	ug/L	0.0089	0.0044	*
600-G-138	07/16/13	1307160938C	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0089	0.0044	*
600-G-138	07/16/13	1307160938C	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0089	0.0044	*
600-G-138	07/16/13	1307160936C	VOA-D	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/16/13	1307160936C	VOA-D	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/16/13	1307160936C	VOA-D	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/16/13	1307160936C	VOA-D	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	26	ug/L	1	0.31	
600-G-138	07/16/13	1307160936C	VOA-D	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	07/16/13	1307160936C	VOA-D	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/16/13	1307160936C	VOA-D	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/16/13	1307160936C	VOA-D	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/16/13	1307160936C	VOA-D	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.7	ug/L	1	0.21	J
600-G-138	07/16/13	1307160936C	VOA-D	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/16/13	1307160936C	VOA-D	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/16/13	1307160936C	VOA-D	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160936C	VOA-D	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/16/13	1307160936C	VOA-D	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/16/13	1307160936C	VOA-D	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/16/13	1307160936C	VOA-D	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/16/13	1307160936C	VOA-D	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	07/16/13	1307160936C	VOA-D	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/16/13	1307160936C	VOA-D	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/16/13	1307160936C	VOA-D	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	07/16/13	1307160936C	VOA-D	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/16/13	1307160936C	VOA-D	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/16/13	1307160936C	VOA-D	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/16/13	1307160936C	VOA-D	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/16/13	1307160936C	VOA-D	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/16/13	1307160936C	VOA-D	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/16/13	1307160936C	VOA-D	8260	67-66-3	Chloroform	0.54	ug/L	1	0.25	J
600-G-138	07/16/13	1307160936C	VOA-D	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/16/13	1307160936C	VOA-D	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/16/13	1307160936C	VOA-D	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/16/13	1307160936C	VOA-D	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/16/13	1307160936C	VOA-D	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/16/13	1307160936C	VOA-D	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160936C	VOA-D	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/16/13	1307160936C	VOA-D	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/16/13	1307160936C	VOA-D	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/16/13	1307160936C	VOA-D	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/16/13	1307160936C	VOA-D	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/16/13	1307160936C	VOA-D	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/16/13	1307160936C	VOA-D	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/16/13	1307160936C	VOA-D	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/16/13	1307160936C	VOA-D	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/16/13	1307160936C	VOA-D	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/16/13	1307160936C	VOA-D	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/16/13	1307160936C	VOA-D	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160936C	VOA-D	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/16/13	1307160936C	VOA-D	8260	79-01-6	Trichloroethene (TCE)	86	ug/L	1	0.22	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.35	ug/L	1	0.2	J
600-G-138	07/16/13	1307160936C	VOA-D	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/16/13	1307160936C	VOA-D	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160935C	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	07/16/13	1307160935C	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	07/16/13	1307160935C	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	07/16/13	1307160935C	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	24	ug/L	1	0.31	
600-G-138	07/16/13	1307160935C	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	07/16/13	1307160935C	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.57	
600-G-138	07/16/13	1307160935C	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	07/16/13	1307160935C	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	07/16/13	1307160935C	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	07/16/13	1307160935C	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.61	ug/L	1	0.21	J
600-G-138	07/16/13	1307160935C	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	07/16/13	1307160935C	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	07/16/13	1307160935C	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160935C	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	07/16/13	1307160935C	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	07/16/13	1307160935C	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	07/16/13	1307160935C	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	07/16/13	1307160935C	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/16/13	1307160935C	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	07/16/13	1307160935C	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	07/16/13	1307160935C	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	07/16/13	1307160935C	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	07/16/13	1307160935C	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	07/16/13	1307160935C	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	07/16/13	1307160935C	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160935C	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	07/16/13	1307160935C	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	07/16/13	1307160935C	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	07/16/13	1307160935C	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	07/16/13	1307160935C	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	07/16/13	1307160935C	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	07/16/13	1307160935C	VOA	8260	67-66-3	Chloroform	0.5	ug/L	1	0.25	J
600-G-138	07/16/13	1307160935C	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	07/16/13	1307160935C	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	07/16/13	1307160935C	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	07/16/13	1307160935C	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	07/16/13	1307160935C	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	07/16/13	1307160935C	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160935C	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	07/16/13	1307160935C	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	07/16/13	1307160935C	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160935C	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	07/16/13	1307160935C	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	07/16/13	1307160935C	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	07/16/13	1307160935C	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	07/16/13	1307160935C	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	07/16/13	1307160935C	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	07/16/13	1307160935C	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	07/16/13	1307160935C	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	07/16/13	1307160935C	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	07/16/13	1307160935C	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	07/16/13	1307160935C	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	07/16/13	1307160935C	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	07/16/13	1307160935C	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	07/16/13	1307160935C	VOA	8260	79-01-6	Trichloroethene (TCE)	81	ug/L	1	0.22	
600-G-138	07/16/13	1307160935C	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.35	ug/L	1	0.2	J
600-G-138	07/16/13	1307160935C	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	07/16/13	1307160935C	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	07/16/13	1307160930C	Initial	PARAMS	NA	Conductivity	2180	µS/cm	0	0	
600-G-138	07/16/13	1307160930C	Initial	PARAMS	NA	DTW	145.3	ft	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	07/16/13	1307160930C	Initial	PARAMS	NA	pH	6.96	NA	0	0	
600-G-138	07/16/13	1307160930C	Initial	PARAMS	NA	Temperature	20.8	ºC	0	0	
600-G-138	07/16/13	1307160930C	Initial	PARAMS	NA	Turbidity	0.89	NTU	0	0	
600-G-138	04/05/13	1304051330B	Final	PARAMS	NA	Conductivity	2110	µS/cm	0	0	
600-G-138	04/05/13	1304051330B	Final	PARAMS	NA	pH	7.71	NA	0	0	
600-G-138	04/05/13	1304051330B	Final	PARAMS	NA	Temperature	22.8	ºC	0	0	
600-G-138	04/05/13	1304051330B	Final	PARAMS	NA	Turbidity	4.53	NTU	0	0	
600-G-138	04/05/13	1304051317B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.3	mg/L	0.5	0.03	
600-G-138	04/05/13	1304051316B	PERCHLORATE	6850	14797-73-0	Perchlorate	2.6	ug/L	0.2	0.026	
600-G-138	04/05/13	1304051315B	TDS	SM2540C	NA	Solids, Total Dissolved	1460	mg/L	10	5	
600-G-138	04/05/13	1304051314B	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	211	mg/L	2	0.3	
600-G-138	04/05/13	1304051314B	ANIONS	ANIONS	16887-00-6	Chloride	266	mg/L	8	1.7	
600-G-138	04/05/13	1304051314B	ANIONS	ANIONS	16984-48-8	Fluoride	0.96	mg/L	0.1	0.04	
600-G-138	04/05/13	1304051314B	ANIONS	ANIONS	14808-79-8	Sulfate	478	mg/L	20	6	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7429-90-5	Aluminum, Total	1.22	mg/L	0.1	0.008	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-36-0	Antimony, Total	0.0004	mg/L	0.001	0.0003	J RB
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-38-2	Arsenic, Total	0.0023	mg/L	0.001	0.0004	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-39-3	Barium, Total	0.071	mg/L	0.02	0.0004	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.005	0.0001	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-42-8	Boron, Total	0.64	mg/L	0.2	0.05	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-43-9	Cadmium, Total	0.00005	mg/L	0.001	0.00003	J
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-70-2	Calcium, Total	176	mg/L	1	0.2	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-47-3	Chromium, Total	0.009	mg/L	0.01	0.0009	J
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-48-4	Cobalt, Total	0.0008	mg/L	0.001	0.000008	J
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-50-8	Copper, Total	0.005	mg/L	0.02	0.002	J RB
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-89-6	Iron, Total	0.94	mg/L	0.1	0.006	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-92-1	Lead, Total	0.0008	mg/L	0.05	0.0008	J
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-95-4	Magnesium, Total	111	mg/L	1	0.005	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-96-5	Manganese, Total	0.019	mg/L	0.01	0.0007	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.002	J
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-09-7	Potassium, Total	4.4	mg/L	2	0.07	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7782-49-2	Selenium, Total	0.018	mg/L	0.01	0.004	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-23-5	Sodium, Total	145	mg/L	1	0.1	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-24-6	Strontium, Total	5.84	mg/L	0.1	0.001	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00007	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.01	0.005	
600-G-138	04/05/13	1304051313B	METALS-D	METALS	7440-66-6	Zinc, Total	0.018	mg/L	0.02	0.002	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7429-90-5	Aluminum, Total	1.21	mg/L	0.1	0.008	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-36-0	Antimony, Total	0.0004	mg/L	0.001	0.0003	J RB
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-38-2	Arsenic, Total	0.0023	mg/L	0.001	0.0004	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-39-3	Barium, Total	0.068	mg/L	0.02	0.0004	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.005	0.0001	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-42-8	Boron, Total	0.63	mg/L	0.2	0.05	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-43-9	Cadmium, Total	0.00005	mg/L	0.001	0.00003	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-70-2	Calcium, Total	171	mg/L	1	0.2	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-47-3	Chromium, Total	0.009	mg/L	0.01	0.0009	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-48-4	Cobalt, Total	0.0008	mg/L	0.001	0.000008	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-50-8	Copper, Total	0.006	mg/L	0.02	0.002	J RB
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-89-6	Iron, Total	0.96	mg/L	0.1	0.006	
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-92-1	Lead, Total	0	mg/L	0.05	0.0008	
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-95-4	Magnesium, Total	108	mg/L	1	0.005	
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-96-5	Manganese, Total	0.019	mg/L	0.01	0.0007	
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00004	
600-G-138	04/05/13	1304051312B	METALS	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.002	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-02-0	Nickel, Total	0.004	mg/L	0.04	0.003	J
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-09-7	Potassium, Total	4.3	mg/L	2	0.07	
600-G-138	04/05/13	1304051312B	METALS	METALS	7782-49-2	Selenium, Total	0.019	mg/L	0.01	0.004	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-23-5	Sodium, Total	140	mg/L	1	0.1	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-24-6	Strontium, Total	5.67	mg/L	0.1	0.001	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.001	0.00007	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.01	0.005	
600-G-138	04/05/13	1304051312B	METALS	METALS	7440-66-6	Zinc, Total	0.021	mg/L	0.02	0.002	
600-G-138	04/05/13	1304051311B	NDMA	607	314-40-9	Bromacil	26	ug/L	0.0089	0.0044	
600-G-138	04/05/13	1304051311B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	04/05/13	1304051311B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	04/05/13	1304051310B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	04/05/13	1304051310B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	04/05/13	1304051310B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	04/05/13	1304051310B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	40	ug/L	1	0.31	
600-G-138	04/05/13	1304051310B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	04/05/13	1304051310B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	75-35-4	1,1-Dichloroethene	0.86	ug/L	1	0.57	J
600-G-138	04/05/13	1304051310B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	04/05/13	1304051310B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	04/05/13	1304051310B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	04/05/13	1304051310B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.94	ug/L	1	0.21	J
600-G-138	04/05/13	1304051310B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	04/05/13	1304051310B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	04/05/13	1304051310B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	04/05/13	1304051310B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	04/05/13	1304051310B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	04/05/13	1304051310B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	04/05/13	1304051310B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	04/05/13	1304051310B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	04/05/13	1304051310B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	04/05/13	1304051310B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	04/05/13	1304051310B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/05/13	1304051310B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	04/05/13	1304051310B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	04/05/13	1304051310B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/05/13	1304051310B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	04/05/13	1304051310B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	04/05/13	1304051310B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	04/05/13	1304051310B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	04/05/13	1304051310B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	04/05/13	1304051310B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	04/05/13	1304051310B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	04/05/13	1304051310B	VOA	8260	67-66-3	Chloroform	0.63	ug/L	1	0.25	J
600-G-138	04/05/13	1304051310B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	04/05/13	1304051310B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	04/05/13	1304051310B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	04/05/13	1304051310B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	04/05/13	1304051310B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	04/05/13	1304051310B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	04/05/13	1304051310B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	04/05/13	1304051310B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/05/13	1304051310B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	04/05/13	1304051310B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	04/05/13	1304051310B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	04/05/13	1304051310B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	04/05/13	1304051310B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	04/05/13	1304051310B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	04/05/13	1304051310B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	04/05/13	1304051310B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	04/05/13	1304051310B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	04/05/13	1304051310B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	04/05/13	1304051310B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	04/05/13	1304051310B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	04/05/13	1304051310B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/05/13	1304051310B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	04/05/13	1304051310B	VOA	8260	79-01-6	Trichloroethene (TCE)	99	ug/L	1	0.22	
600-G-138	04/05/13	1304051310B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.52	ug/L	1	0.2	J
600-G-138	04/05/13	1304051310B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	04/05/13	1304051310B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	04/05/13	1304051308B	Initial	PARAMS	NA	Conductivity	2120	µS/cm	0	0	
600-G-138	04/05/13	1304051308B	Initial	PARAMS	NA	DTW	145.46	ft	0	0	
600-G-138	04/05/13	1304051308B	Initial	PARAMS	NA	pH	7.63	NA	0	0	
600-G-138	04/05/13	1304051308B	Initial	PARAMS	NA	Temperature	21.3	ºC	0	0	
600-G-138	04/05/13	1304051308B	Initial	PARAMS	NA	Turbidity	5.73	NTU	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	12/11/12	1212111315B	Final	PARAMS	NA	Conductivity	2220	µS/cm	0	0	
600-G-138	12/11/12	1212111315B	Final	PARAMS	NA	DTW	145.9	ft	0	0	
600-G-138	12/11/12	1212111315B	Final	PARAMS	NA	pH	7.82	NA	0	0	
600-G-138	12/11/12	1212111315B	Final	PARAMS	NA	Temperature	20.4	ºC	0	0	
600-G-138	12/11/12	1212111315B	Final	PARAMS	NA	Turbidity	36.2	NTU	0	0	
600-G-138	12/11/12	1212111312B	NO2,NO3	353.2	NA	Nitrate+Nitrite as Nitrogen	12.6	mg/L	0.5	0.03	
600-G-138	12/11/12	1212111311B	PERCHLORATE	6850	14797-73-0	Perchlorate	2.6	ug/L	0.2	0.026	
600-G-138	12/11/12	1212111310B	ANIONS	ANIONS	NA	Alkalinity, Total as CaCO3	210	mg/L	2	0.3	
600-G-138	12/11/12	1212111310B	ANIONS	ANIONS	16887-00-6	Chloride	286	mg/L	8	1.7	
600-G-138	12/11/12	1212111310B	ANIONS	ANIONS	16984-48-8	Fluoride	0.94	mg/L	0.1	0.04	A
600-G-138	12/11/12	1212111310B	ANIONS	ANIONS	NA	Solids, Total Dissolved	1450	mg/L	16	7	
600-G-138	12/11/12	1212111310B	ANIONS	ANIONS	14808-79-8	Sulfate	521	mg/L	20	6	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7429-90-5	Aluminum, Total	1.73	mg/L	0.1	0.008	QD
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-36-0	Antimony, Total	0	mg/L	0.005	0.0014	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-38-2	Arsenic, Total	0.0036	mg/L	0.005	0.0016	J
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-39-3	Barium, Total	0.077	mg/L	0.02	0.0004	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.005	0.0001	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-42-8	Boron, Total	0.62	mg/L	0.2	0.05	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-43-9	Cadmium, Total	0.0007	mg/L	0.005	0.0002	J
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-70-2	Calcium, Total	172	mg/L	1	0.2	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-47-3	Chromium, Total	0.007	mg/L	0.01	0.0009	J RB
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-48-4	Cobalt, Total	0.0006	mg/L	0.005	0.00004	J
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-50-8	Copper, Total	0.004	mg/L	0.02	0.002	J RB
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-89-6	Iron, Total	1.34	mg/L	0.1	0.006	QD
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-92-1	Lead, Total	0.003	mg/L	0.05	0.0008	J
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-95-4	Magnesium, Total	105	mg/L	1	0.005	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-96-5	Manganese, Total	0.024	mg/L	0.01	0.0007	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00003	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.002	J
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-09-7	Potassium, Total	5.2	mg/L	2	0.07	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7782-49-2	Selenium, Total	0.018	mg/L	0.01	0.004	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-23-5	Sodium, Total	142	mg/L	1	0.1	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-24-6	Strontium, Total	5.79	mg/L	0.1	0.001	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-28-0	Thallium, Total	0	mg/L	0.005	0.0004	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.01	0.005	
600-G-138	12/11/12	1212111309B	METALS-D	METALS	7440-66-6	Zinc, Total	0.017	mg/L	0.02	0.002	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7429-90-5	Aluminum, Total	0.84	mg/L	0.1	0.008	QD
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-36-0	Antimony, Total	0	mg/L	0.005	0.0014	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-38-2	Arsenic, Total	0.0028	mg/L	0.005	0.0016	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-39-3	Barium, Total	0.063	mg/L	0.02	0.0004	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-41-7	Beryllium, Total	0	mg/L	0.005	0.0001	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-42-8	Boron, Total	0.65	mg/L	0.2	0.05	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-43-9	Cadmium, Total	0.0003	mg/L	0.005	0.0002	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-70-2	Calcium, Total	173	mg/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-47-3	Chromium, Total	0.004	mg/L	0.01	0.0009	J RB
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-48-4	Cobalt, Total	0.0004	mg/L	0.005	0.00004	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-50-8	Copper, Total	0.005	mg/L	0.02	0.002	J RB
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-89-6	Iron, Total	0.68	mg/L	0.1	0.006	QD
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-92-1	Lead, Total	0.002	mg/L	0.05	0.0008	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-95-4	Magnesium, Total	108	mg/L	1	0.005	
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-96-5	Manganese, Total	0.012	mg/L	0.01	0.0007	
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-97-6	Mercury, Total	0	mg/L	0.0002	0.00003	
600-G-138	12/11/12	1212111308B	METALS	METALS	7439-98-7	Molybdenum, Total	0.012	mg/L	0.025	0.002	J
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-02-0	Nickel, Total	0	mg/L	0.04	0.003	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-09-7	Potassium, Total	5.1	mg/L	2	0.07	
600-G-138	12/11/12	1212111308B	METALS	METALS	7782-49-2	Selenium, Total	0.019	mg/L	0.01	0.004	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-22-4	Silver, Total	0	mg/L	0.01	0.002	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-23-5	Sodium, Total	139	mg/L	1	0.1	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-24-6	Strontium, Total	5.55	mg/L	0.1	0.001	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-28-0	Thallium, Total	0	mg/L	0.005	0.0004	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-31-5	Tin, Total	0	mg/L	0.5	0.02	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-62-2	Vanadium, Total	0	mg/L	0.01	0.005	
600-G-138	12/11/12	1212111308B	METALS	METALS	7440-66-6	Zinc, Total	0.011	mg/L	0.02	0.002	J
600-G-138	12/11/12	1212111307B	NDMA	607	314-40-9	Bromacil	23	ug/L	0.0089	0.0044	
600-G-138	12/11/12	1212111307B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	12/11/12	1212111307B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	12/11/12	1212111305B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	12/11/12	1212111305B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	12/11/12	1212111305B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	12/11/12	1212111305B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	46	ug/L	1	0.31	
600-G-138	12/11/12	1212111305B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	12/11/12	1212111305B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	75-35-4	1,1-Dichloroethene	0.86	ug/L	1	0.57	J
600-G-138	12/11/12	1212111305B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	12/11/12	1212111305B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	12/11/12	1212111305B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	12/11/12	1212111305B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1	ug/L	1	0.21	
600-G-138	12/11/12	1212111305B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	12/11/12	1212111305B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	12/11/12	1212111305B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	12/11/12	1212111305B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	12/11/12	1212111305B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	12/11/12	1212111305B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	12/11/12	1212111305B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	12/11/12	1212111305B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	
600-G-138	12/11/12	1212111305B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	12/11/12	1212111305B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	12/11/12	1212111305B	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	12/11/12	1212111305B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	12/11/12	1212111305B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	12/11/12	1212111305B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	12/11/12	1212111305B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	12/11/12	1212111305B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	12/11/12	1212111305B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	12/11/12	1212111305B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	12/11/12	1212111305B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	12/11/12	1212111305B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	12/11/12	1212111305B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	12/11/12	1212111305B	VOA	8260	67-66-3	Chloroform	0.64	ug/L	1	0.25	J
600-G-138	12/11/12	1212111305B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.21	
600-G-138	12/11/12	1212111305B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	12/11/12	1212111305B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	12/11/12	1212111305B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	12/11/12	1212111305B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	12/11/12	1212111305B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	12/11/12	1212111305B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	12/11/12	1212111305B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	12/11/12	1212111305B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	12/11/12	1212111305B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	12/11/12	1212111305B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	12/11/12	1212111305B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	12/11/12	1212111305B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	12/11/12	1212111305B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	12/11/12	1212111305B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	12/11/12	1212111305B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	12/11/12	1212111305B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	12/11/12	1212111305B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	12/11/12	1212111305B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	12/11/12	1212111305B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	12/11/12	1212111305B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	12/11/12	1212111305B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	12/11/12	1212111305B	VOA	8260	79-01-6	Trichloroethene (TCE)	110	ug/L	1	0.22	
600-G-138	12/11/12	1212111305B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.49	ug/L	1	0.2	J
600-G-138	12/11/12	1212111305B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	12/11/12	1212111305B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	12/11/12	1212111300B	Initial	PARAMS	NA	Conductivity	2070	µS/cm	0	0	
600-G-138	12/11/12	1212111300B	Initial	PARAMS	NA	DTW	145.4	ft	0	0	
600-G-138	12/11/12	1212111300B	Initial	PARAMS	NA	pH	7.9	NA	0	0	
600-G-138	12/11/12	1212111300B	Initial	PARAMS	NA	Temperature	20.1	ºC	0	0	
600-G-138	12/11/12	1212111300B	Initial	PARAMS	NA	Turbidity	3.36	NTU	0	0	
600-G-138	09/19/12	1209191415	Final	PARAMS	NA	Conductivity	1912	µS/cm	0	0	
600-G-138	09/19/12	1209191415	Final	PARAMS	NA	DTW	145.25	ft	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191415	Final	PARAMS	NA	pH	7.89	NA	0	0	
600-G-138	09/19/12	1209191415	Final	PARAMS	NA	Temperature	23.9	ºC	0	0	
600-G-138	09/19/12	1209191415	Final	PARAMS	NA	Turbidity	720	NTU	0	0	
600-G-138	09/19/12	1209191410	NO2,NO3	353.2	1-005	NITRATE/NITRITE AS N	13	MG/L	0.1	0.03	
600-G-138	09/19/12	1209191409	PERCHLORATE	331.0	14797-73-0	Perchlorate	2.7	ug/L	0.2	0.026	
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	471-34-1	BICARBONATE AS CaCO3	210	MG/L	20		
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	3812-32-6	CARBONATE AS CaCO3	0	MG/L	20		
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	16887-00-6	CHLORIDE	300	MG/L	4	1.2	
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	16984-48-8	FLUORIDE	1.1	MG/L	0.2	0.06	
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	14808-79-8	SULFATE	510	MG/L	20	6	
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	NA	TOTAL ALKALINITY AS CaCO3	210	MG/L	20		
600-G-138	09/19/12	1209191408	ANIONS	ANIONS	10-33-3	TOTAL DISSOLVED SOLIDS	1600	MG/L	40		
600-G-138	09/19/12	1209191406	METALS	METALS	7429-90-5	ALUMINUM	1.9	MG/L	0.1	0.026	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-36-0	ANTIMONY	0	MG/L	0.0003	0.00009	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-38-2	ARSENIC	0	MG/L	0.005	0.0015	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-39-3	BARIUM	0.075	MG/L	0.01	0.0014	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-41-7	BERYLLIUM	0.00021	MG/L	0.004	0.00018	J
600-G-138	09/19/12	1209191406	METALS	METALS	7440-42-8	BORON	0.63	MG/L	0.1	0.012	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-43-9	CADMIUM	0	MG/L	0.005	0.0003	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-70-2	CALCIUM	210	MG/L	0.5	0.06	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-47-3	CHROMIUM	0.0095	MG/L	0.01	0.0006	J
600-G-138	09/19/12	1209191406	METALS	METALS	7440-48-4	COBALT	0	MG/L	0.01	0.0006	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-50-8	COPPER	0.0069	MG/L	0.01	0.0006	J
600-G-138	09/19/12	1209191406	METALS	METALS	7439-89-6	IRON	1.9	MG/L	0.1	0.015	
600-G-138	09/19/12	1209191406	METALS	METALS	7439-92-1	LEAD	0.0024	MG/L	0.003	0.0009	J
600-G-138	09/19/12	1209191406	METALS	METALS	7439-95-4	MAGNESIUM	110	MG/L	0.5	0.06	
600-G-138	09/19/12	1209191406	METALS	METALS	7439-96-5	MANGANESE	0.063	MG/L	0.01	0.0003	
600-G-138	09/19/12	1209191406	METALS	METALS	7439-97-6	MERCURY	0	MG/L	0.0002	0.00006	
600-G-138	09/19/12	1209191406	METALS	METALS	7439-98-7	MOLYBDENUM	0.0076	MG/L	0.01	0.0015	J
600-G-138	09/19/12	1209191406	METALS	METALS	7440-02-0	NICKEL	0.0031	MG/L	0.02	0.0006	J
600-G-138	09/19/12	1209191406	METALS	METALS	7440-09-7	POTASSIUM	5.2	MG/L	1	0.09	
600-G-138	09/19/12	1209191406	METALS	METALS	7782-49-2	SELENIUM	0.018	MG/L	0.005	0.0032	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-22-4	SILVER	0	MG/L	0.01	0.0012	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-23-5	SODIUM	140	MG/L	0.5	0.09	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-24-6	STRONTIUM	5.9	MG/L	0.01	0.0009	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-28-0	THALLIUM	0	MG/L	0.0002	0.00006	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-31-5	TIN	0	MG/L	0.05	0.003	
600-G-138	09/19/12	1209191406	METALS	METALS	7440-62-2	VANADIUM	0.0038	MG/L	0.01	0.0015	J
600-G-138	09/19/12	1209191406	METALS	METALS	7440-66-6	ZINC	0.019	MG/L	0.02	0.0015	J FB
600-G-138	09/19/12	1209191405	SVOA	8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	120-82-1	1,2,4-Trichlorobenzene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	95-50-1	1,2-Dichlorobenzene	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	122-66-7	1,2-Diphenylhydrazine	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	99-35-4	1,3,5-Trinitrobenzene	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	541-73-1	1,3-Dichlorobenzene	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	99-65-0	1,3-Dinitrobenzene	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	106-46-7	1,4-Dichlorobenzene	0	ug/L	10	1.3	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191405	SVOA	8270	130-15-4	1,4-Naphthoquinone	0	ug/L	50	35	
600-G-138	09/19/12	1209191405	SVOA	8270	106-50-3	1,4-Phenylenediamine	0	ug/L	50		*
600-G-138	09/19/12	1209191405	SVOA	8270	90-12-0	1-Methylnaphthalene	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	134-32-7	1-Naphthylamine	0	ug/L	50	19	
600-G-138	09/19/12	1209191405	SVOA	8270	58-90-2	2,3,4,6-Tetrachlorophenol	0	ug/L	10	1.8	
600-G-138	09/19/12	1209191405	SVOA	8270	95-95-4	2,4,5-Trichlorophenol	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	88-06-2	2,4,6-Trichlorophenol	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	120-83-2	2,4-Dichlorophenol	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	105-67-9	2,4-Dimethylphenol	0	ug/L	10	1.6	
600-G-138	09/19/12	1209191405	SVOA	8270	51-28-5	2,4-Dinitrophenol	0	ug/L	50	34	
600-G-138	09/19/12	1209191405	SVOA	8270	121-14-2	2,4-Dinitrotoluene	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	87-65-0	2,6-Dichlorophenol	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	606-20-2	2,6-Dinitrotoluene	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	53-96-3	2-Acetylaminofluorene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	91-58-7	2-Chloronaphthalene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	95-57-8	2-Chlorophenol	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	99-55-8	2-Methyl-5-nitroaniline (5-Nitro-o-toluidine)	0	ug/L	10	1.8	
600-G-138	09/19/12	1209191405	SVOA	8270	91-57-6	2-Methylnaphthalene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	95-48-7	2-Methylphenol	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	91-59-8	2-Naphthylamine	0	ug/L	50	12	
600-G-138	09/19/12	1209191405	SVOA	8270	88-74-4	2-Nitroaniline	0	ug/L	50	14	
600-G-138	09/19/12	1209191405	SVOA	8270	88-75-5	2-Nitrophenol	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	109-06-8	2-Picoline	0	ug/L	10	3	
600-G-138	09/19/12	1209191405	SVOA	8270	15831-10-4	3- and 4-Methylphenol Coelution	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	91-94-1	3,3'-Dichlorobenzidine	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	119-93-7	3,3'-Dimethylbenzidine	0	ug/L	50	37	
600-G-138	09/19/12	1209191405	SVOA	8270	56-49-5	3-Methylcholanthrene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	99-09-2	3-Nitroaniline	0	ug/L	50	12	
600-G-138	09/19/12	1209191405	SVOA	8270	534-52-1	4,6-Dinitro-2-methylphenol	0	ug/L	50	22	
600-G-138	09/19/12	1209191405	SVOA	8270	92-67-1	4-Aminobiphenyl	0	ug/L	50	9.6	
600-G-138	09/19/12	1209191405	SVOA	8270	101-55-3	4-Bromophenyl Phenyl Ether	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	59-50-7	4-Chloro-3-methylphenol	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	100-01-6	4-Nitroaniline	0	ug/L	50	11	
600-G-138	09/19/12	1209191405	SVOA	8270	100-02-7	4-Nitrophenol	0	ug/L	50	9.4	
600-G-138	09/19/12	1209191405	SVOA	8270	56-57-5	4-Nitroquinoline N-Oxide	0	ug/L	50	38	
600-G-138	09/19/12	1209191405	SVOA	8270	57-97-6	7,12-Dimethylbenz(a)anthracene	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	122-09-8	a,a-Dimethylphenethylamine	0	ug/L	50		*
600-G-138	09/19/12	1209191405	SVOA	8270	83-32-9	Acenaphthene	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	0.22	0.035	
600-G-138	09/19/12	1209191405	SVOA	8270	98-86-2	Acetophenone	0	ug/L	10	2.1	
600-G-138	09/19/12	1209191405	SVOA	8270	62-53-3	Aniline	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	120-12-7	Anthracene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	140-57-8	Aramite, Total	0	ug/L	50	13	
600-G-138	09/19/12	1209191405	SVOA	8270	56-55-3	Benz(a)anthracene	0	ug/L	0.22	0.04	
600-G-138	09/19/12	1209191405	SVOA	8270	92-87-5	Benzidine	0	ug/L	100	53	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191405	SVOA	8270	50-32-8	Benzo(a)pyrene	0	ug/L	0.22	0.092	
600-G-138	09/19/12	1209191405	SVOA	8270	205-99-2	Benzo(b)fluoranthene	0	ug/L	0.22	0.039	
600-G-138	09/19/12	1209191405	SVOA	8270	191-24-2	Benzo(g,h,i)perylene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	207-08-9	Benzo(k)fluoranthene	0	ug/L	0.22	0.044	
600-G-138	09/19/12	1209191405	SVOA	8270	100-51-6	Benzyl Alcohol	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	108-60-1	Bis(1-chloroisopropyl) Ether	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	111-91-1	Bis(2-chloroethoxy)methane	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	111-44-4	Bis(2-chloroethyl) Ether	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	117-81-7	Bis(2-ethylhexyl) Phthalate	0.9	ug/L	5.6	0.12	J
600-G-138	09/19/12	1209191405	SVOA	8270	314-40-9	Bromacil	12	ug/L	0		TIC
600-G-138	09/19/12	1209191405	SVOA	8270	85-68-7	Butyl Benzyl Phthalate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	510-15-6	Chlorobenzilate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	218-01-9	Chrysene	0	ug/L	0.22	0.044	
600-G-138	09/19/12	1209191405	SVOA	8270	2303-16-4	Diallate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	53-70-3	Dibenz(a,h)anthracene	0	ug/L	0.22	0.034	
600-G-138	09/19/12	1209191405	SVOA	8270	132-64-9	Dibenzofuran	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	84-66-2	Diethyl Phthalate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	60-51-5	Dimethoate	0	ug/L	50	12	
600-G-138	09/19/12	1209191405	SVOA	8270	131-11-3	Dimethyl Phthalate	0	ug/L	10	0.65	
600-G-138	09/19/12	1209191405	SVOA	8270	84-74-2	Di-n-butyl Phthalate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	117-84-0	Di-n-octyl Phthalate	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	122-39-4	Diphenylamine	0	ug/L	10		*
600-G-138	09/19/12	1209191405	SVOA	8270	298-04-4	Disulfoton	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	62-50-0	Ethyl Methanesulfonate	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	206-44-0	Fluoranthene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	86-73-7	Fluorene	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	118-74-1	Hexachlorobenzene	0	ug/L	0.22	0.034	
600-G-138	09/19/12	1209191405	SVOA	8270	87-68-3	Hexachlorobutadiene	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	77-47-4	Hexachlorocyclopentadiene	0	ug/L	10	2	
600-G-138	09/19/12	1209191405	SVOA	8270	67-72-1	Hexachloroethane	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	70-30-4	Hexachlorophene	0	ug/L	500	370	
600-G-138	09/19/12	1209191405	SVOA	8270	1888-71-7	Hexachloropropene	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	193-39-5	Indeno(1,2,3-cd)pyrene	0	ug/L	0.22	0.054	
600-G-138	09/19/12	1209191405	SVOA	8270	465-73-6	Isodrin	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	78-59-1	Isophorone	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	120-58-1	Isosafrole	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	91-80-5	Methapyrilene	0	ug/L	50	36	
600-G-138	09/19/12	1209191405	SVOA	8270	66-27-3	Methyl Methanesulfonate	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	298-00-0	Methyl Parathion	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	91-20-3	Naphthalene	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	98-95-3	Nitrobenzene	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	55-18-5	N-Nitrosodiethylamine	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	62-75-9	N-Nitrosodimethylamine	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	86-30-6	N-Nitrosodiphenylamine	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	10595-95-6	N-Nitrosomethylethylamine	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	59-89-2	N-Nitrosomorpholine	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	621-64-7	N-Nitroso-N-Dipropylamine	0	ug/L	10	1.6	

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191405	SVOA	8270	100-75-4	N-Nitrosopiperidine	0	ug/L	10	1.6	
600-G-138	09/19/12	1209191405	SVOA	8270	930-55-2	N-Nitrosopyrrolidine	0	ug/L	10	1.6	
600-G-138	09/19/12	1209191405	SVOA	8270	126-68-1	O,O,O-Triethyl Phosphorothioate	0	ug/L	10	1.5	
600-G-138	09/19/12	1209191405	SVOA	8270	95-53-4	o-Toluidine	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	56-38-2	Parathion	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	106-47-8	p-Chloroaniline	0	ug/L	10	1.6	
600-G-138	09/19/12	1209191405	SVOA	8270	60-11-7	p-Dimethylaminoazobenzene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	608-93-5	Pentachlorobenzene	0	ug/L	10	1.2	
600-G-138	09/19/12	1209191405	SVOA	8270	76-01-7	Pentachloroethane	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	82-68-8	Pentachloronitrobenzene (PCNB)	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	62-44-2	Phenacetin	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	85-01-8	Phenanthrene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	108-95-2	Phenol	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	298-02-2	Phorate	0	ug/L	10	1.4	
600-G-138	09/19/12	1209191405	SVOA	8270	23950-58-5	Pronamide	0	ug/L	10	1.1	
600-G-138	09/19/12	1209191405	SVOA	8270	129-00-0	Pyrene	0	ug/L	10	1	
600-G-138	09/19/12	1209191405	SVOA	8270	110-86-1	Pyridine	0	ug/L	50	19	
600-G-138	09/19/12	1209191405	SVOA	8270	94-59-7	Safrole	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191405	SVOA	8270	3689-24-5	Sulfotep	0	ug/L	10	1.7	
600-G-138	09/19/12	1209191405	SVOA	8270	297-97-2	Thionazin	0	ug/L	10	1.8	
600-G-138	09/19/12	1209191405	SVOA	8270	TIC	unknown {1} B	4.8	ug/L	0		TIC
600-G-138	09/19/12	1209191405	SVOA	8270	TIC	unknown {2}	4.7	ug/L	0		TIC
600-G-138	09/19/12	1209191403	NDMA_LL	NDMA_LL	4164-28-7	N-nitrodimethylamine	0	ng/L	0.234	0.82	
600-G-138	09/19/12	1209191403	NDMA_LL	NDMA_LL	62-75-9	N-Nitrosodimethylamine	0.84	ng/L	0.234	0.83	FB
600-G-138	09/19/12	1209191402	NDMA	607	314-40-9	Bromacil	26	ug/L	0.0089	0.0044	
600-G-138	09/19/12	1209191402	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	09/19/12	1209191402	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0089	0.0044	
600-G-138	09/19/12	1209191400	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.22	
600-G-138	09/19/12	1209191400	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.36	
600-G-138	09/19/12	1209191400	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.25	
600-G-138	09/19/12	1209191400	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	60	ug/L	1	0.31	
600-G-138	09/19/12	1209191400	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.34	
600-G-138	09/19/12	1209191400	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	75-35-4	1,1-Dichloroethene	0.76	ug/L	1	0.57	J
600-G-138	09/19/12	1209191400	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.7	
600-G-138	09/19/12	1209191400	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.74	
600-G-138	09/19/12	1209191400	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.24	
600-G-138	09/19/12	1209191400	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.2	ug/L	1	0.21	
600-G-138	09/19/12	1209191400	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.36	
600-G-138	09/19/12	1209191400	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	20	
600-G-138	09/19/12	1209191400	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.32	
600-G-138	09/19/12	1209191400	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.81	
600-G-138	09/19/12	1209191400	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.27	
600-G-138	09/19/12	1209191400	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	1.7	
600-G-138	09/19/12	1209191400	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	11	
600-G-138	09/19/12	1209191400	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	8.6	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191400	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.26	
600-G-138	09/19/12	1209191400	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.67	
600-G-138	09/19/12	1209191400	VOA	8260	67-64-1	Acetone	0	ug/L	10	1.3	
600-G-138	09/19/12	1209191400	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	4.7	
600-G-138	09/19/12	1209191400	VOA	8260	107-02-8	Acrolein	0	ug/L	10	3	
600-G-138	09/19/12	1209191400	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	09/19/12	1209191400	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.32	
600-G-138	09/19/12	1209191400	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.42	
600-G-138	09/19/12	1209191400	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.29	
600-G-138	09/19/12	1209191400	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.22	
600-G-138	09/19/12	1209191400	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.45	
600-G-138	09/19/12	1209191400	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.29	
600-G-138	09/19/12	1209191400	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.24	
600-G-138	09/19/12	1209191400	VOA	8260	67-66-3	Chloroform	0.66	ug/L	1	0.25	J
600-G-138	09/19/12	1209191400	VOA	8260	74-87-3	Chloromethane	0.21	ug/L	2	0.21	J
600-G-138	09/19/12	1209191400	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.3	
600-G-138	09/19/12	1209191400	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.24	
600-G-138	09/19/12	1209191400	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.25	
600-G-138	09/19/12	1209191400	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.31	
600-G-138	09/19/12	1209191400	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.32	
600-G-138	09/19/12	1209191400	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.46	
600-G-138	09/19/12	1209191400	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	09/19/12	1209191400	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.32	
600-G-138	09/19/12	1209191400	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.44	
600-G-138	09/19/12	1209191400	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.98	
600-G-138	09/19/12	1209191400	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.33	
600-G-138	09/19/12	1209191400	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.5	
600-G-138	09/19/12	1209191400	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.62	
600-G-138	09/19/12	1209191400	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.29	
600-G-138	09/19/12	1209191400	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.27	
600-G-138	09/19/12	1209191400	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	3.1	
600-G-138	09/19/12	1209191400	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.3	
600-G-138	09/19/12	1209191400	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.96	
600-G-138	09/19/12	1209191400	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.33	
600-G-138	09/19/12	1209191400	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	09/19/12	1209191400	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.7	
600-G-138	09/19/12	1209191400	VOA	8260	79-01-6	Trichloroethene (TCE)	110	ug/L	1	0.22	
600-G-138	09/19/12	1209191400	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.54	ug/L	1	0.2	J
600-G-138	09/19/12	1209191400	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	1.1	
600-G-138	09/19/12	1209191400	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.32	
600-G-138	09/19/12	1209191350	Initial	PARAMS	NA	Conductivity	1896	µS/cm	0	0	
600-G-138	09/19/12	1209191350	Initial	PARAMS	NA	DTW	145.21	ft	0	0	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	09/19/12	1209191350	Initial	PARAMS	NA	pH	7.8	NA	0	0	
600-G-138	09/19/12	1209191350	Initial	PARAMS	NA	Temperature	23.2	ºC	0	0	
600-G-138	09/19/12	1209191350	Initial	PARAMS	NA	Turbidity	675	NTU	0	0	
600-G-138	06/27/12	1207121330	Final	PARAMS	NA	Conductivity	1869	µS/cm	0	0	
600-G-138	06/27/12	1207121330	Final	PARAMS	NA	DTW	145.32	ft	0	0	
600-G-138	06/27/12	1207121330	Final	PARAMS	NA	pH	7.5	NA	0	0	
600-G-138	06/27/12	1207121330	Final	PARAMS	NA	Temperature	22.4	ºC	0	0	
600-G-138	06/27/12	1207121328	NO2,NO3	353.2	1-005	NITRATE/NITRITE AS N	12	MG/L	0.1	0.03	
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	471-34-1	BICARBONATE AS CaCO3	210	MG/L	20		
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	3812-32-6	CARBONATE AS CaCO3	0	MG/L	20		
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	16887-00-6	CHLORIDE	310	MG/L	4	1.2	
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	16984-48-8	FLUORIDE	0.85	MG/L	0.2	0.06	
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	14808-79-8	SULFATE	520	MG/L	20	6	
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	NA	TOTAL ALKALINITY AS CaCO3	210	MG/L	20		
600-G-138	06/27/12	1207121327	ANIONS	ANIONS	10-33-3	TOTAL DISSOLVED SOLIDS	1500	MG/L	40		
600-G-138	06/27/12	1207121326	METALS	METALS	7429-90-5	ALUMINUM	0.82	MG/L	0.1	0.026	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-36-0	ANTIMONY	0.00012	MG/L	0.0003	0.00009	J
600-G-138	06/27/12	1207121326	METALS	METALS	7440-38-2	ARSENIC	0	MG/L	0.005	0.0015	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-39-3	BARIUM	0.059	MG/L	0.01	0.0014	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-41-7	BERYLLIUM	0.00036	MG/L	0.004	0.00018	J
600-G-138	06/27/12	1207121326	METALS	METALS	7440-42-8	BORON	0.62	MG/L	0.1	0.012	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-43-9	CADMIUM	0	MG/L	0.005	0.0003	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-70-2	CALCIUM	180	MG/L	0.5	0.06	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-47-3	CHROMIUM	0.005	MG/L	0.01	0.0006	J
600-G-138	06/27/12	1207121326	METALS	METALS	7440-48-4	COBALT	0	MG/L	0.01	0.0006	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-50-8	COPPER	0.0018	MG/L	0.01	0.0006	J
600-G-138	06/27/12	1207121326	METALS	METALS	7439-89-6	IRON	0.66	MG/L	0.1	0.015	
600-G-138	06/27/12	1207121326	METALS	METALS	7439-92-1	LEAD	0	MG/L	0.003	0.0009	
600-G-138	06/27/12	1207121326	METALS	METALS	7439-95-4	MAGNESIUM	110	MG/L	0.5	0.06	
600-G-138	06/27/12	1207121326	METALS	METALS	7439-96-5	MANGANESE	0.015	MG/L	0.01	0.0003	
600-G-138	06/27/12	1207121326	METALS	METALS	7439-97-6	MERCURY	0	MG/L	0.0002	0.00006	
600-G-138	06/27/12	1207121326	METALS	METALS	7439-98-7	MOLYBDENUM	0.0063	MG/L	0.01	0.0015	J
600-G-138	06/27/12	1207121326	METALS	METALS	7440-02-0	NICKEL	0	MG/L	0.02	0.0006	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-09-7	POTASSIUM	5	MG/L	1	0.09	
600-G-138	06/27/12	1207121326	METALS	METALS	7782-49-2	SELENIUM	0.016	MG/L	0.005	0.0032	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-22-4	SILVER	0	MG/L	0.01	0.0012	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-23-5	SODIUM	130	MG/L	0.5	0.09	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-24-6	STRONTIUM	5.7	MG/L	0.01	0.0009	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-28-0	THALLIUM	0	MG/L	0.0002	0.00006	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-31-5	TIN	0	MG/L	0.05	0.003	
600-G-138	06/27/12	1207121326	METALS	METALS	7440-62-2	VANADIUM	0.002	MG/L	0.01	0.0015	J
600-G-138	06/27/12	1207121326	METALS	METALS	7440-66-6	ZINC	0.013	MG/L	0.02	0.0015	J
600-G-138	06/27/12	1207121325	SVOA	8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	120-82-1	1,2,4-Trichlorobenzene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	95-50-1	1,2-Dichlorobenzene	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	122-66-7	1,2-Diphenylhydrazine	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	99-35-4	1,3,5-Trinitrobenzene	0	ug/L	9.4	1.3	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	06/27/12	1207121325	SVOA	8270	541-73-1	1,3-Dichlorobenzene	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	99-65-0	1,3-Dinitrobenzene	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	106-46-7	1,4-Dichlorobenzene	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	130-15-4	1,4-Naphthoquinone	0	ug/L	47	35	
600-G-138	06/27/12	1207121325	SVOA	8270	106-50-3	1,4-Phenylenediamine	0	ug/L	47		*
600-G-138	06/27/12	1207121325	SVOA	8270	90-12-0	1-Methylnaphthalene	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	134-32-7	1-Naphthylamine	0	ug/L	47	19	
600-G-138	06/27/12	1207121325	SVOA	8270	58-90-2	2,3,4,6-Tetrachlorophenol	0	ug/L	9.4	1.8	
600-G-138	06/27/12	1207121325	SVOA	8270	95-95-4	2,4,5-Trichlorophenol	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	88-06-2	2,4,6-Trichlorophenol	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	120-83-2	2,4-Dichlorophenol	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	105-67-9	2,4-Dimethylphenol	0	ug/L	9.4	1.6	
600-G-138	06/27/12	1207121325	SVOA	8270	51-28-5	2,4-Dinitrophenol	0	ug/L	47	34	
600-G-138	06/27/12	1207121325	SVOA	8270	121-14-2	2,4-Dinitrotoluene	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	87-65-0	2,6-Dichlorophenol	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	606-20-2	2,6-Dinitrotoluene	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	53-96-3	2-Acetylaminofluorene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	91-58-7	2-Chloronaphthalene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	95-57-8	2-Chlorophenol	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	99-55-8	2-Methyl-5-nitroaniline (5-Nitro-o-toluidine)	0	ug/L	9.4	1.8	
600-G-138	06/27/12	1207121325	SVOA	8270	91-57-6	2-Methylnaphthalene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	95-48-7	2-Methylphenol	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	91-59-8	2-Naphthylamine	0	ug/L	47	12	
600-G-138	06/27/12	1207121325	SVOA	8270	88-74-4	2-Nitroaniline	0	ug/L	47	14	
600-G-138	06/27/12	1207121325	SVOA	8270	88-75-5	2-Nitrophenol	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	109-06-8	2-Picoline	0	ug/L	9.4	3	
600-G-138	06/27/12	1207121325	SVOA	8270	15831-10-4	3- and 4-Methylphenol Coelution	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	91-94-1	3,3'-Dichlorobenzidine	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	119-93-7	3,3'-Dimethylbenzidine	0	ug/L	47	37	
600-G-138	06/27/12	1207121325	SVOA	8270	56-49-5	3-Methylcholanthrene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	99-09-2	3-Nitroaniline	0	ug/L	47	12	
600-G-138	06/27/12	1207121325	SVOA	8270	534-52-1	4,6-Dinitro-2-methylphenol	0	ug/L	47	22	
600-G-138	06/27/12	1207121325	SVOA	8270	92-67-1	4-Aminobiphenyl	0	ug/L	47	9.6	
600-G-138	06/27/12	1207121325	SVOA	8270	101-55-3	4-Bromophenyl Phenyl Ether	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	59-50-7	4-Chloro-3-methylphenol	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	100-01-6	4-Nitroaniline	0	ug/L	47	11	
600-G-138	06/27/12	1207121325	SVOA	8270	100-02-7	4-Nitrophenol	0	ug/L	47	9.4	
600-G-138	06/27/12	1207121325	SVOA	8270	56-57-5	4-Nitroquinoline N-Oxide	0	ug/L	47	38	
600-G-138	06/27/12	1207121325	SVOA	8270	57-97-6	7,12-Dimethylbenz(a)anthracene	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	122-09-8	a,a-Dimethylphenethylamine	0	ug/L	47		*
600-G-138	06/27/12	1207121325	SVOA	8270	83-32-9	Acenaphthene	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	0.19	0.076	
600-G-138	06/27/12	1207121325	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	98-86-2	Acetophenone	0	ug/L	9.4	2.1	
600-G-138	06/27/12	1207121325	SVOA	8270	62-53-3	Aniline	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	120-12-7	Anthracene	0	ug/L	9.4	1	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	06/27/12	1207121325	SVOA	8270	140-57-8	Aramite, Total	0	ug/L	47	13	
600-G-138	06/27/12	1207121325	SVOA	8270	56-55-3	Benz(a)anthracene	0	ug/L	0.19	0.041	
600-G-138	06/27/12	1207121325	SVOA	8270	92-87-5	Benzidine	0	ug/L	94	53	
600-G-138	06/27/12	1207121325	SVOA	8270	50-32-8	Benzo(a)pyrene	0	ug/L	0.19	0.042	
600-G-138	06/27/12	1207121325	SVOA	8270	205-99-2	Benzo(b)fluoranthene	0	ug/L	0.19	0.026	
600-G-138	06/27/12	1207121325	SVOA	8270	191-24-2	Benzo(g,h,i)perylene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	207-08-9	Benzo(k)fluoranthene	0	ug/L	0.19	0.029	
600-G-138	06/27/12	1207121325	SVOA	8270	100-51-6	Benzyl Alcohol	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	108-60-1	Bis(1-chloroisopropyl) Ether	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	111-91-1	Bis(2-chloroethoxy)methane	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	111-44-4	Bis(2-chloroethyl) Ether	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	117-81-7	Bis(2-ethylhexyl) Phthalate	2.5	ug/L	4.7	0.23	J RB
600-G-138	06/27/12	1207121325	SVOA	8270	314-40-9	Bromacil	7.9	ug/L	0		TIC
600-G-138	06/27/12	1207121325	SVOA	8270	85-68-7	Butyl Benzyl Phthalate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	510-15-6	Chlorobenzilate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	218-01-9	Chrysene	0	ug/L	0.19	0.029	
600-G-138	06/27/12	1207121325	SVOA	8270	2303-16-4	Diallate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	53-70-3	Dibenz(a,h)anthracene	0	ug/L	0.19	0.045	
600-G-138	06/27/12	1207121325	SVOA	8270	132-64-9	Dibenzofuran	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	84-66-2	Diethyl Phthalate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	60-51-5	Dimethoate	0	ug/L	47	12	
600-G-138	06/27/12	1207121325	SVOA	8270	131-11-3	Dimethyl Phthalate	0	ug/L	9.4	0.65	
600-G-138	06/27/12	1207121325	SVOA	8270	84-74-2	Di-n-butyl Phthalate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	117-84-0	Di-n-octyl Phthalate	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	122-39-4	Diphenylamine	0	ug/L	9.4		*
600-G-138	06/27/12	1207121325	SVOA	8270	298-04-4	Disulfoton	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	62-50-0	Ethyl Methanesulfonate	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	206-44-0	Fluoranthene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	86-73-7	Fluorene	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	118-74-1	Hexachlorobenzene	0	ug/L	0.19	0.035	
600-G-138	06/27/12	1207121325	SVOA	8270	87-68-3	Hexachlorobutadiene	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	77-47-4	Hexachlorocyclopentadiene	0	ug/L	9.4	2	
600-G-138	06/27/12	1207121325	SVOA	8270	67-72-1	Hexachloroethane	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	70-30-4	Hexachlorophene	0	ug/L	470	370	
600-G-138	06/27/12	1207121325	SVOA	8270	1888-71-7	Hexachloropropene	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	193-39-5	Indeno(1,2,3-cd)pyrene	0	ug/L	0.19	0.049	
600-G-138	06/27/12	1207121325	SVOA	8270	465-73-6	Isodrin	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	78-59-1	Isophorone	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	120-58-1	Isosafrole	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	91-80-5	Methapyrilene	0	ug/L	47	36	
600-G-138	06/27/12	1207121325	SVOA	8270	66-27-3	Methyl Methanesulfonate	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	298-00-0	Methyl Parathion	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	91-20-3	Naphthalene	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	98-95-3	Nitrobenzene	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	55-18-5	N-Nitrosodiethylamine	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	62-75-9	N-Nitrosodimethylamine	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	86-30-6	N-Nitrosodiphenylamine	0	ug/L	9.4	1.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	06/27/12	1207121325	SVOA	8270	10595-95-6	N-Nitrosomethylethylamine	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	59-89-2	N-Nitrosomorpholine	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	621-64-7	N-Nitroso-N-Dipropylamine	0	ug/L	9.4	1.6	
600-G-138	06/27/12	1207121325	SVOA	8270	100-75-4	N-Nitrosopiperidine	0	ug/L	9.4	1.6	
600-G-138	06/27/12	1207121325	SVOA	8270	930-55-2	N-Nitrosopyrrolidine	0	ug/L	9.4	1.6	
600-G-138	06/27/12	1207121325	SVOA	8270	126-68-1	O,O,O-Triethyl Phosphorothioate	0	ug/L	9.4	1.5	
600-G-138	06/27/12	1207121325	SVOA	8270	95-53-4	o-Toluidine	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	56-38-2	Parathion	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	106-47-8	p-Chloroaniline	0	ug/L	9.4	1.6	
600-G-138	06/27/12	1207121325	SVOA	8270	60-11-7	p-Dimethylaminoazobenzene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	608-93-5	Pentachlorobenzene	0	ug/L	9.4	1.2	
600-G-138	06/27/12	1207121325	SVOA	8270	76-01-7	Pentachloroethane	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	82-68-8	Pentachloronitrobenzene (PCNB)	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	62-44-2	Phenacetin	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	85-01-8	Phenanthrene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	108-95-2	Phenol	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	298-02-2	Phorate	0	ug/L	9.4	1.4	
600-G-138	06/27/12	1207121325	SVOA	8270	23950-58-5	Pronamide	0	ug/L	9.4	1.1	
600-G-138	06/27/12	1207121325	SVOA	8270	129-00-0	Pyrene	0	ug/L	9.4	1	
600-G-138	06/27/12	1207121325	SVOA	8270	110-86-1	Pyridine	0	ug/L	47	19	
600-G-138	06/27/12	1207121325	SVOA	8270	94-59-7	Safrole	0	ug/L	9.4	1.3	
600-G-138	06/27/12	1207121325	SVOA	8270	3689-24-5	Sulfotep	0	ug/L	9.4	1.7	
600-G-138	06/27/12	1207121325	SVOA	8270	297-97-2	Thionazin	0	ug/L	9.4	1.8	
600-G-138	06/27/12	1207121325	SVOA	8270	NA	Unknown	11	ug/L	0		TIC
600-G-138	06/27/12	1207121323	NDMA_LL	NDMA_LL	4164-28-7	N-nitrodimethylamine	0	ng/L	0.236	3.2	
600-G-138	06/27/12	1207121323	NDMA_LL	NDMA_LL	62-75-9	N-Nitrosodimethylamine	0.963	ng/L	0.236	0.38	RB FB
600-G-138	06/27/12	1207121322	NDMA	607	314-40-9	Bromacil	24	ug/L	0.0099	0.005	
600-G-138	06/27/12	1207121322	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0099	0.005	
600-G-138	06/27/12	1207121322	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0099	0.005	
600-G-138	06/27/12	1207121320	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.23	
600-G-138	06/27/12	1207121320	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	89	ug/L	1	0.31	
600-G-138	06/27/12	1207121320	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.23	
600-G-138	06/27/12	1207121320	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	75-35-4	1,1-Dichloroethene	1.3	ug/L	1	0.29	
600-G-138	06/27/12	1207121320	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.46	
600-G-138	06/27/12	1207121320	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.38	
600-G-138	06/27/12	1207121320	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1.3	ug/L	1	0.35	A
600-G-138	06/27/12	1207121320	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.28	
600-G-138	06/27/12	1207121320	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	06/27/12	1207121320	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	06/27/12	1207121320	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.51	
600-G-138	06/27/12	1207121320	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.35	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	06/27/12	1207121320	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	5.9	
600-G-138	06/27/12	1207121320	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	9.8	
600-G-138	06/27/12	1207121320	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.29	
600-G-138	06/27/12	1207121320	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.27	
600-G-138	06/27/12	1207121320	VOA	8260	67-64-1	Acetone	0	ug/L	10	0.98	
600-G-138	06/27/12	1207121320	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	3.7	
600-G-138	06/27/12	1207121320	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.76	
600-G-138	06/27/12	1207121320	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	06/27/12	1207121320	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.21	
600-G-138	06/27/12	1207121320	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.27	
600-G-138	06/27/12	1207121320	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.31	
600-G-138	06/27/12	1207121320	VOA	8260	75-15-0	Carbon Disulfide	0.4	ug/L	1	0.2	J
600-G-138	06/27/12	1207121320	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.27	
600-G-138	06/27/12	1207121320	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.31	
600-G-138	06/27/12	1207121320	VOA	8260	67-66-3	Chloroform	0.78	ug/L	1	0.22	J
600-G-138	06/27/12	1207121320	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.24	
600-G-138	06/27/12	1207121320	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.24	
600-G-138	06/27/12	1207121320	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.25	
600-G-138	06/27/12	1207121320	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.56	
600-G-138	06/27/12	1207121320	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	06/27/12	1207121320	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.22	
600-G-138	06/27/12	1207121320	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.26	
600-G-138	06/27/12	1207121320	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.39	
600-G-138	06/27/12	1207121320	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.38	
600-G-138	06/27/12	1207121320	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.36	
600-G-138	06/27/12	1207121320	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.25	
600-G-138	06/27/12	1207121320	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.3	
600-G-138	06/27/12	1207121320	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.66	
600-G-138	06/27/12	1207121320	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	06/27/12	1207121320	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.54	
600-G-138	06/27/12	1207121320	VOA	8260	79-01-6	Trichloroethene (TCE)	130	ug/L	1	0.23	
600-G-138	06/27/12	1207121320	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.82	ug/L	1	0.2	J
600-G-138	06/27/12	1207121320	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	0.62	
600-G-138	06/27/12	1207121320	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.23	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	06/27/12	1207121310	Initial	PARAMS	NA	Conductivity	1905	µS/cm	0	0	
600-G-138	06/27/12	1207121310	Initial	PARAMS	NA	DTW	145.35	ft	0	0	
600-G-138	06/27/12	1207121310	Initial	PARAMS	NA	pH	7.89	NA	0	0	
600-G-138	06/27/12	1207121310	Initial	PARAMS	NA	Temperature	25.3	ºC	0	0	
600-G-138	06/27/12	1207121310	Initial	PARAMS	NA	Turbidity	4.41	NTU	0	0	
600-G-138	06/27/12	1206271027	NDMA	607	314-40-9	Bromacil	23	ug/L	0.0097	0.0049	
600-G-138	06/27/12	1206271027	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0097	0.0049	
600-G-138	06/27/12	1206271027	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0097	0.0049	
600-G-138	06/27/12	1206271020	Initial	PARAMS	NA	Conductivity	2060	µS/cm	0	0	
600-G-138	06/27/12	1206271020	Initial	PARAMS	NA	DTW	145.38	ft	0	0	
600-G-138	06/27/12	1206271020	Initial	PARAMS	NA	pH	7.54	NA	0	0	
600-G-138	06/27/12	1206271020	Initial	PARAMS	NA	Temperature	32.9	ºC	0	0	
600-G-138	06/27/12	1206271020	Initial	PARAMS	NA	Turbidity	6.24	NTU	0	0	
600-G-138	04/10/12	1204101327	Final	PARAMS	NA	Conductivity	2250	µS/cm	0	0	
600-G-138	04/10/12	1204101327	Final	PARAMS	NA	pH	8.12	NA	0	0	
600-G-138	04/10/12	1204101327	Final	PARAMS	NA	Temperature	25.5	ºC	0	0	
600-G-138	04/10/12	1204101326	NO2,NO3	353.2	1-005	NITRATE/NITRITE AS N	12	MG/L	0.1	0.03	
600-G-138	04/10/12	1204101325	PERCHLORATE	331.0	14797-73-0	Perchlorate	2.68	ug/L	0.4	0.1	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7429-90-5	ALUMINUM	4.3	MG/L	0.1	0.026	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-36-0	ANTIMONY	0.00012	MG/L	0.0003	0.00009	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-38-2	ARSENIC	0.0043	MG/L	0.005	0.0015	J RB
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-39-3	BARIUM	0.11	MG/L	0.01	0.0014	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-41-7	BERYLLIUM	0	MG/L	0.004	0.00018	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-42-8	BORON	0.58	MG/L	0.1	0.012	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-43-9	CADMIUM	0	MG/L	0.005	0.0003	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-70-2	CALCIUM	260	MG/L	0.5	0.06	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-47-3	CHROMIUM	0.013	MG/L	0.01	0.0006	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-48-4	COBALT	0.00063	MG/L	0.01	0.0006	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-50-8	COPPER	0.01	MG/L	0.01	0.0006	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-89-6	IRON	3.8	MG/L	0.1	0.015	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-92-1	LEAD	0.0036	MG/L	0.003	0.0009	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-95-4	MAGNESIUM	120	MG/L	0.5	0.06	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-96-5	MANGANESE	0.12	MG/L	0.01	0.0003	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-97-6	MERCURY	0	MG/L	0.0002	0.00006	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7439-98-7	MOLYBDENUM	0.0073	MG/L	0.01	0.0015	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-02-0	NICKEL	0.0053	MG/L	0.02	0.0006	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-09-7	POTASSIUM	6.5	MG/L	1	0.09	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7782-49-2	SELENIUM	0.019	MG/L	0.005	0.0032	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-22-4	SILVER	0	MG/L	0.01	0.0012	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-23-5	SODIUM	130	MG/L	0.5	0.09	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-24-6	STRONTIUM	6	MG/L	0.01	0.0009	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-28-0	THALLIUM	0.00008	MG/L	0.0002	0.00006	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-31-5	TIN	0	MG/L	0.05	0.003	
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-62-2	VANADIUM	0.007	MG/L	0.01	0.0015	J
600-G-138	04/10/12	1204101324	METALS-D	METALS	7440-66-6	ZINC	0.032	MG/L	0.02	0.0015	
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	471-34-1	BICARBONATE AS CaCO3	210	MG/L	20		
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	3812-32-6	CARBONATE AS CaCO3	0	MG/L	20		

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	16887-00-6	CHLORIDE	310	MG/L	4	1.2	
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	16984-48-8	FLUORIDE	1	MG/L	0.2	0.06	
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	14808-79-8	SULFATE	500	MG/L	20	6	
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	NA	TOTAL ALKALINITY AS CaCO3	210	MG/L	20		
600-G-138	04/10/12	1204101323	ANIONS	ANIONS	10-33-3	TOTAL DISSOLVED SOLIDS	1600	MG/L	40		
600-G-138	04/10/12	1204101321	METALS	METALS	7429-90-5	ALUMINUM	4.8	MG/L	0.1	0.026	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-36-0	ANTIMONY	0.00018	MG/L	0.0003	0.00009	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-38-2	ARSENIC	0	MG/L	0.005	0.0015	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-39-3	BARIUM	0.13	MG/L	0.01	0.0014	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-41-7	BERYLLIUM	0	MG/L	0.004	0.00018	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-42-8	BORON	0.58	MG/L	0.1	0.012	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-43-9	CADMIUM	0	MG/L	0.005	0.0003	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-70-2	CALCIUM	250	MG/L	0.5	0.06	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-47-3	CHROMIUM	0.015	MG/L	0.01	0.0006	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-48-4	COBALT	0.001	MG/L	0.01	0.0006	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-50-8	COPPER	0.011	MG/L	0.01	0.0006	
600-G-138	04/10/12	1204101321	METALS	METALS	7439-89-6	IRON	4.3	MG/L	0.1	0.015	
600-G-138	04/10/12	1204101321	METALS	METALS	7439-92-1	LEAD	0.0024	MG/L	0.003	0.0009	J
600-G-138	04/10/12	1204101321	METALS	METALS	7439-95-4	MAGNESIUM	120	MG/L	0.5	0.06	
600-G-138	04/10/12	1204101321	METALS	METALS	7439-96-5	MANGANESE	0.12	MG/L	0.01	0.0003	
600-G-138	04/10/12	1204101321	METALS	METALS	7439-97-6	MERCURY	0	MG/L	0.0002	0.00006	
600-G-138	04/10/12	1204101321	METALS	METALS	7439-98-7	MOLYBDENUM	0.0069	MG/L	0.01	0.0015	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-02-0	NICKEL	0.0069	MG/L	0.02	0.0006	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-09-7	POTASSIUM	6.6	MG/L	1	0.09	
600-G-138	04/10/12	1204101321	METALS	METALS	7782-49-2	SELENIUM	0.018	MG/L	0.005	0.0032	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-22-4	SILVER	0	MG/L	0.01	0.0012	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-23-5	SODIUM	130	MG/L	0.5	0.09	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-24-6	STRONTIUM	6	MG/L	0.01	0.0009	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-28-0	THALLIUM	0.0001	MG/L	0.0002	0.00006	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-31-5	TIN	0	MG/L	0.05	0.003	
600-G-138	04/10/12	1204101321	METALS	METALS	7440-62-2	VANADIUM	0.0075	MG/L	0.01	0.0015	J
600-G-138	04/10/12	1204101321	METALS	METALS	7440-66-6	ZINC	0.036	MG/L	0.02	0.0015	
600-G-138	04/10/12	1204101320	SVOA	8270	95-94-3	1,2,4,5-Tetrachlorobenzene	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	120-82-1	1,2,4-Trichlorobenzene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	95-50-1	1,2-Dichlorobenzene	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	122-66-7	1,2-Diphenylhydrazine	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	99-35-4	1,3,5-Trinitrobenzene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	541-73-1	1,3-Dichlorobenzene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	99-65-0	1,3-Dinitrobenzene	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	106-46-7	1,4-Dichlorobenzene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	130-15-4	1,4-Naphthoquinone	0	ug/L	47	35	
600-G-138	04/10/12	1204101320	SVOA	8270	106-50-3	1,4-Phenylenediamine	0	ug/L	47		*
600-G-138	04/10/12	1204101320	SVOA	8270	90-12-0	1-Methylnaphthalene	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	134-32-7	1-Naphthylamine	0	ug/L	47	19	
600-G-138	04/10/12	1204101320	SVOA	8270	108-60-1	2,2'-Oxybis(1-chloropropane)	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	58-90-2	2,3,4,6-Tetrachlorophenol	0	ug/L	9.4	1.8	
600-G-138	04/10/12	1204101320	SVOA	8270	95-95-4	2,4,5-Trichlorophenol	0	ug/L	9.4	1.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/10/12	1204101320	SVOA	8270	88-06-2	2,4,6-Trichlorophenol	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	120-83-2	2,4-Dichlorophenol	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	105-67-9	2,4-Dimethylphenol	0	ug/L	9.4	1.6	
600-G-138	04/10/12	1204101320	SVOA	8270	51-28-5	2,4-Dinitrophenol	0	ug/L	47	34	
600-G-138	04/10/12	1204101320	SVOA	8270	121-14-2	2,4-Dinitrotoluene	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	87-65-0	2,6-Dichlorophenol	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	606-20-2	2,6-Dinitrotoluene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	53-96-3	2-Acetylaminofluorene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	91-58-7	2-Chloronaphthalene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	95-57-8	2-Chlorophenol	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	99-55-8	2-Methyl-5-nitroaniline (5-Nitro-o-toluidine)	0	ug/L	9.4	1.8	
600-G-138	04/10/12	1204101320	SVOA	8270	91-57-6	2-Methylnaphthalene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	95-48-7	2-Methylphenol	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	91-59-8	2-Naphthylamine	0	ug/L	47	12	
600-G-138	04/10/12	1204101320	SVOA	8270	88-74-4	2-Nitroaniline	0	ug/L	47	14	
600-G-138	04/10/12	1204101320	SVOA	8270	88-75-5	2-Nitrophenol	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	109-06-8	2-Picoline	0	ug/L	9.4	3	
600-G-138	04/10/12	1204101320	SVOA	8270	15831-10-4	3- and 4-Methylphenol Coelution	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	91-94-1	3,3'-Dichlorobenzidine	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	119-93-7	3,3'-Dimethylbenzidine	0	ug/L	47	37	
600-G-138	04/10/12	1204101320	SVOA	8270	56-49-5	3-Methylcholanthrene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	99-09-2	3-Nitroaniline	0	ug/L	47	12	
600-G-138	04/10/12	1204101320	SVOA	8270	534-52-1	4,6-Dinitro-2-methylphenol	0	ug/L	47	22	
600-G-138	04/10/12	1204101320	SVOA	8270	92-67-1	4-Aminobiphenyl	0	ug/L	47	9.6	
600-G-138	04/10/12	1204101320	SVOA	8270	101-55-3	4-Bromophenyl Phenyl Ether	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	59-50-7	4-Chloro-3-methylphenol	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	100-01-6	4-Nitroaniline	0	ug/L	47	11	
600-G-138	04/10/12	1204101320	SVOA	8270	100-02-7	4-Nitrophenol	0	ug/L	47	9.4	
600-G-138	04/10/12	1204101320	SVOA	8270	56-57-5	4-Nitroquinoline N-Oxide	0	ug/L	47	38	
600-G-138	04/10/12	1204101320	SVOA	8270	57-97-6	7,12-Dimethylbenz(a)anthracene	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	122-09-8	a,a-Dimethylphenethylamine	0	ug/L	47		*
600-G-138	04/10/12	1204101320	SVOA	8270	83-32-9	Acenaphthene	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	0.076	0.076	
600-G-138	04/10/12	1204101320	SVOA	8270	208-96-8	Acenaphthylene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	98-86-2	Acetophenone	0	ug/L	9.4	2.1	
600-G-138	04/10/12	1204101320	SVOA	8270	62-53-3	Aniline	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	120-12-7	Anthracene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	140-57-8	Aramite, Total	0	ug/L	47	13	
600-G-138	04/10/12	1204101320	SVOA	8270	56-55-3	Benz(a)anthracene	0	ug/L	0.041	0.041	
600-G-138	04/10/12	1204101320	SVOA	8270	92-87-5	Benzidine	0	ug/L	94	53	
600-G-138	04/10/12	1204101320	SVOA	8270	50-32-8	Benzo(a)pyrene	0	ug/L	0.042	0.042	
600-G-138	04/10/12	1204101320	SVOA	8270	205-99-2	Benzo(b)fluoranthene	0	ug/L	0.026	0.026	A
600-G-138	04/10/12	1204101320	SVOA	8270	191-24-2	Benzo(g,h,i)perylene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	207-08-9	Benzo(k)fluoranthene	0	ug/L	0.029	0.029	
600-G-138	04/10/12	1204101320	SVOA	8270	100-51-6	Benzyl Alcohol	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	111-91-1	Bis(2-chloroethoxy)methane	0	ug/L	9.4	1	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/10/12	1204101320	SVOA	8270	111-44-4	Bis(2-chloroethyl) Ether	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	117-81-7	Bis(2-ethylhexyl) Phthalate	0	ug/L	0.5	0.23	
600-G-138	04/10/12	1204101320	SVOA	8270	314-40-9	Bromacil	8	ug/L	0		TIC
600-G-138	04/10/12	1204101320	SVOA	8270	85-68-7	Butyl Benzyl Phthalate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	510-15-6	Chlorobenzilate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	218-01-9	Chrysene	0	ug/L	0.029	0.029	
600-G-138	04/10/12	1204101320	SVOA	8270	2303-16-4	Diallate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	53-70-3	Dibenz(a,h)anthracene	0	ug/L	0.045	0.045	
600-G-138	04/10/12	1204101320	SVOA	8270	132-64-9	Dibenzofuran	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	84-66-2	Diethyl Phthalate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	60-51-5	Dimethoate	0	ug/L	47	12	
600-G-138	04/10/12	1204101320	SVOA	8270	131-11-3	Dimethyl Phthalate	0	ug/L	9.4	0.65	
600-G-138	04/10/12	1204101320	SVOA	8270	84-74-2	Di-n-butyl Phthalate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	117-84-0	Di-n-octyl Phthalate	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	122-39-4	Diphenylamine	0	ug/L	9.4		*
600-G-138	04/10/12	1204101320	SVOA	8270	298-04-4	Disulfoton	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	62-50-0	Ethyl Methanesulfonate	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	206-44-0	Fluoranthene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	86-73-7	Fluorene	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	118-74-1	Hexachlorobenzene	0	ug/L	0.035	0.035	
600-G-138	04/10/12	1204101320	SVOA	8270	87-68-3	Hexachlorobutadiene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	77-47-4	Hexachlorocyclopentadiene	0	ug/L	9.4	2	
600-G-138	04/10/12	1204101320	SVOA	8270	67-72-1	Hexachloroethane	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	70-30-4	Hexachlorophene	0	ug/L	470	370	
600-G-138	04/10/12	1204101320	SVOA	8270	1888-71-7	Hexachloropropene	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	193-39-5	Indeno(1,2,3-cd)pyrene	0	ug/L	0.049	0.049	
600-G-138	04/10/12	1204101320	SVOA	8270	465-73-6	Isodrin	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	78-59-1	Isophorone	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	120-58-1	Isosafrole	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	91-80-5	Methapyrilene	0	ug/L	47	36	
600-G-138	04/10/12	1204101320	SVOA	8270	66-27-3	Methyl Methanesulfonate	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	298-00-0	Methyl Parathion	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	91-20-3	Naphthalene	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	98-95-3	Nitrobenzene	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	55-18-5	N-Nitrosodiethylamine	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	62-75-9	N-Nitrosodimethylamine	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	86-30-6	N-Nitrosodiphenylamine	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	10595-95-6	N-Nitrosomethylethylamine	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	59-89-2	N-Nitrosomorpholine	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	621-64-7	N-Nitroso-N-Dipropylamine	0	ug/L	9.4	1.6	
600-G-138	04/10/12	1204101320	SVOA	8270	100-75-4	N-Nitrosopiperidine	0	ug/L	9.4	1.6	
600-G-138	04/10/12	1204101320	SVOA	8270	930-55-2	N-Nitrosopyrrolidine	0	ug/L	9.4	1.6	
600-G-138	04/10/12	1204101320	SVOA	8270	126-68-1	O,O,O-Triethyl Phosphorothioate	0	ug/L	9.4	1.5	
600-G-138	04/10/12	1204101320	SVOA	8270	95-53-4	o-Toluidine	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	56-38-2	Parathion	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	106-47-8	p-Chloroaniline	0	ug/L	9.4	1.6	
600-G-138	04/10/12	1204101320	SVOA	8270	60-11-7	p-Dimethylaminoazobenzene	0	ug/L	9.4	1	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/10/12	1204101320	SVOA	8270	608-93-5	Pentachlorobenzene	0	ug/L	9.4	1.2	
600-G-138	04/10/12	1204101320	SVOA	8270	76-01-7	Pentachloroethane	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	82-68-8	Pentachloronitrobenzene (PCNB)	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	62-44-2	Phenacetin	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	85-01-8	Phenanthrene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	108-95-2	Phenol	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	298-02-2	Phorate	0	ug/L	9.4	1.4	
600-G-138	04/10/12	1204101320	SVOA	8270	23950-58-5	Pronamide	0	ug/L	9.4	1.1	
600-G-138	04/10/12	1204101320	SVOA	8270	129-00-0	Pyrene	0	ug/L	9.4	1	
600-G-138	04/10/12	1204101320	SVOA	8270	110-86-1	Pyridine	0	ug/L	47	19	
600-G-138	04/10/12	1204101320	SVOA	8270	94-59-7	Safrole	0	ug/L	9.4	1.3	
600-G-138	04/10/12	1204101320	SVOA	8270	3689-24-5	Sulfotep	0	ug/L	9.4	1.7	
600-G-138	04/10/12	1204101320	SVOA	8270	297-97-2	Thionazin	0	ug/L	9.4	1.8	
600-G-138	04/10/12	1204101317	NDMA	607	314-40-9	Bromacil	24	ug/L	0.038	0.019	D
600-G-138	04/10/12	1204101317	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.038	0.019	
600-G-138	04/10/12	1204101317	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.038	0.019	
600-G-138	04/10/12	1204101315	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.23	
600-G-138	04/10/12	1204101315	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	27	ug/L	1	0.31	
600-G-138	04/10/12	1204101315	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.23	
600-G-138	04/10/12	1204101315	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	75-35-4	1,1-Dichloroethene	0	ug/L	1	0.29	
600-G-138	04/10/12	1204101315	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.46	
600-G-138	04/10/12	1204101315	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.38	
600-G-138	04/10/12	1204101315	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	0.82	ug/L	1	0.35	J
600-G-138	04/10/12	1204101315	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.28	
600-G-138	04/10/12	1204101315	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	04/10/12	1204101315	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	04/10/12	1204101315	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.51	
600-G-138	04/10/12	1204101315	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.35	
600-G-138	04/10/12	1204101315	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	5.9	
600-G-138	04/10/12	1204101315	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	9.8	
600-G-138	04/10/12	1204101315	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.29	
600-G-138	04/10/12	1204101315	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.27	
600-G-138	04/10/12	1204101315	VOA	8260	67-64-1	Acetone	0	ug/L	10	0.98	
600-G-138	04/10/12	1204101315	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	3.7	
600-G-138	04/10/12	1204101315	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.76	
600-G-138	04/10/12	1204101315	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	04/10/12	1204101315	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.21	
600-G-138	04/10/12	1204101315	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.27	
600-G-138	04/10/12	1204101315	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.31	
600-G-138	04/10/12	1204101315	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	04/10/12	1204101315	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.27	
600-G-138	04/10/12	1204101315	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.31	
600-G-138	04/10/12	1204101315	VOA	8260	67-66-3	Chloroform	0.52	ug/L	1	0.22	J
600-G-138	04/10/12	1204101315	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.24	
600-G-138	04/10/12	1204101315	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.24	
600-G-138	04/10/12	1204101315	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.25	
600-G-138	04/10/12	1204101315	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.56	
600-G-138	04/10/12	1204101315	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	04/10/12	1204101315	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.22	
600-G-138	04/10/12	1204101315	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.26	
600-G-138	04/10/12	1204101315	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.39	
600-G-138	04/10/12	1204101315	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.38	
600-G-138	04/10/12	1204101315	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.36	
600-G-138	04/10/12	1204101315	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.25	
600-G-138	04/10/12	1204101315	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.3	
600-G-138	04/10/12	1204101315	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.66	
600-G-138	04/10/12	1204101315	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	04/10/12	1204101315	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.54	
600-G-138	04/10/12	1204101315	VOA	8260	79-01-6	Trichloroethene (TCE)	84	ug/L	1	0.23	
600-G-138	04/10/12	1204101315	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.34	ug/L	1	0.2	J
600-G-138	04/10/12	1204101315	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	0.62	
600-G-138	04/10/12	1204101315	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.23	
600-G-138	04/10/12	1204100945	Initial	PARAMS	NA	Conductivity	2210	µS/cm	0	0	
600-G-138	04/10/12	1204100945	Initial	PARAMS	NA	pH	8.78	NA	0	0	
600-G-138	04/10/12	1204100945	Initial	PARAMS	NA	Temperature	25	ºC	0	0	
600-G-138	04/10/12	1204100945	Initial	PARAMS	NA	Turbidity	44.6	NTU	0	0	
600-G-138	01/11/12	1201111320B	Final	PARAMS	NA	Conductivity	2460	µS/cm	0	0	
600-G-138	01/11/12	1201111320B	Final	PARAMS	NA	DTW	145.4	ft	0	0	
600-G-138	01/11/12	1201111320B	Final	PARAMS	NA	pH	8.57	NA	0	0	
600-G-138	01/11/12	1201111320B	Final	PARAMS	NA	Temperature	20.2	ºC	0	0	
600-G-138	01/11/12	1201111320B	Final	PARAMS	NA	Turbidity	46.1	NTU	0	0	
600-G-138	01/11/12	1201111311B	NDMA	607	314-40-9	Bromacil	26.73	ug/L	0.0094	0.005	
600-G-138	01/11/12	1201111311B	NDMA	607	4164-28-7	N-Nitrodimethylamine	0	ug/L	0.0094	0.005	
600-G-138	01/11/12	1201111311B	NDMA	607	62-75-9	N-Nitrosodimethylamine	0	ug/L	0.0094	0.005	
600-G-138	01/11/12	1201111310B	VOA	8260	630-20-6	1,1,1,2-Tetrachloroethane	0	ug/L	1	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/11/12	1201111310B	VOA	8260	71-55-6	1,1,1-Trichloroethane (TCA)	0	ug/L	1	0.23	
600-G-138	01/11/12	1201111310B	VOA	8260	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	51	ug/L	1	0.31	
600-G-138	01/11/12	1201111310B	VOA	8260	79-00-5	1,1,2-Trichloroethane	0	ug/L	1	0.23	
600-G-138	01/11/12	1201111310B	VOA	8260	75-34-3	1,1-Dichloroethane (1,1-DCA)	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	75-35-4	1,1-Dichloroethene	0.87	ug/L	1	0.29	J
600-G-138	01/11/12	1201111310B	VOA	8260	96-18-4	1,2,3-Trichloropropane	0	ug/L	1	0.46	
600-G-138	01/11/12	1201111310B	VOA	8260	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0	ug/L	2	0.38	
600-G-138	01/11/12	1201111310B	VOA	8260	106-93-4	1,2-Dibromoethane	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (CFC 123a)	1	ug/L	1	0.35	
600-G-138	01/11/12	1201111310B	VOA	8260	107-06-2	1,2-Dichloroethane	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	78-87-5	1,2-Dichloropropane	0	ug/L	1	0.28	
600-G-138	01/11/12	1201111310B	VOA	8260	123-91-1	1,4-Dioxane	0	ug/L	100	13	
600-G-138	01/11/12	1201111310B	VOA	8260	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	0	ug/L	1	0.27	
600-G-138	01/11/12	1201111310B	VOA	8260	78-93-3	2-Butanone (MEK)	0	ug/L	5	0.51	
600-G-138	01/11/12	1201111310B	VOA	8260	126-99-8	2-Chloro-1,3-butadiene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	591-78-6	2-Hexanone	0	ug/L	5	0.35	
600-G-138	01/11/12	1201111310B	VOA	8260	78-83-1	2-Methyl-1-propanol (Isobutyl Alcohol)	0	ug/L	100	5.9	
600-G-138	01/11/12	1201111310B	VOA	8260	67-63-0	2-Propanol	0	ug/L	50	9.8	
600-G-138	01/11/12	1201111310B	VOA	8260	107-05-1	3-Chloro-1-propene (Allyl Chloride)	0	ug/L	2	0.29	
600-G-138	01/11/12	1201111310B	VOA	8260	108-10-1	4-Methyl-2-pentanone	0	ug/L	5	0.27	
600-G-138	01/11/12	1201111310B	VOA	8260	67-64-1	Acetone	0	ug/L	10	0.98	
600-G-138	01/11/12	1201111310B	VOA	8260	75-05-8	Acetonitrile	0	ug/L	25	3.7	
600-G-138	01/11/12	1201111310B	VOA	8260	107-02-8	Acrolein	0	ug/L	10	0.76	
600-G-138	01/11/12	1201111310B	VOA	8260	107-13-1	Acrylonitrile	0	ug/L	5	1.4	
600-G-138	01/11/12	1201111310B	VOA	8260	71-43-2	Benzene	0	ug/L	1	0.21	
600-G-138	01/11/12	1201111310B	VOA	8260	75-27-4	Bromodichloromethane	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	75-25-2	Bromoform	0	ug/L	1	0.27	
600-G-138	01/11/12	1201111310B	VOA	8260	74-83-9	Bromomethane	0	ug/L	2	0.31	
600-G-138	01/11/12	1201111310B	VOA	8260	75-15-0	Carbon Disulfide	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	56-23-5	Carbon Tetrachloride	0	ug/L	1	0.27	
600-G-138	01/11/12	1201111310B	VOA	8260	108-90-7	Chlorobenzene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	75-00-3	Chloroethane	0	ug/L	2	0.31	
600-G-138	01/11/12	1201111310B	VOA	8260	67-66-3	Chloroform	0.62	ug/L	1	0.22	J
600-G-138	01/11/12	1201111310B	VOA	8260	74-87-3	Chloromethane	0	ug/L	2	0.24	
600-G-138	01/11/12	1201111310B	VOA	8260	156-59-2	cis-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	10061-01-5	cis-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	110-82-7	Cyclohexane	0	ug/L	10	0.24	
600-G-138	01/11/12	1201111310B	VOA	8260	124-48-1	Dibromochloromethane	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	74-95-3	Dibromomethane	0	ug/L	1	0.25	
600-G-138	01/11/12	1201111310B	VOA	8260	75-71-8	Dichlorodifluoromethane (CFC 12)	0	ug/L	1	0.56	
600-G-138	01/11/12	1201111310B	VOA	8260	75-43-4	Dichlorofluoromethane (CFC 21)	0	ug/L	1	0.24	
600-G-138	01/11/12	1201111310B	VOA	8260	75-09-2	Dichloromethane	0	ug/L	1	0.22	
600-G-138	01/11/12	1201111310B	VOA	8260	97-63-2	Ethyl Methacrylate	0	ug/L	2	0.26	
600-G-138	01/11/12	1201111310B	VOA	8260	100-41-4	Ethylbenzene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	74-88-4	Iodomethane	0	ug/L	5	0.39	
600-G-138	01/11/12	1201111310B	VOA	8260	179601-23-1	m,p-Xylenes	0	ug/L	2	0.2	

Appendix A - Chemical Analytical Results for Groundwater Sampling at 600-G-138

Well Name	Event Date	Sample Number	Sample Type	Analysis	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag
600-G-138	01/11/12	1201111310B	VOA	8260	126-98-7	Methacrylonitrile	0	ug/L	5	0.38	
600-G-138	01/11/12	1201111310B	VOA	8260	80-62-6	Methyl Methacrylate	0	ug/L	2	0.36	
600-G-138	01/11/12	1201111310B	VOA	8260	1634-04-4	Methyl tert-Butyl Ether	0	ug/L	10	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	108-87-2	Methylcyclohexane	0	ug/L	10	0.25	
600-G-138	01/11/12	1201111310B	VOA	8260	95-47-6	o-Xylene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	107-12-0	Propionitrile	0	ug/L	5	1.3	
600-G-138	01/11/12	1201111310B	VOA	8260	100-42-5	Styrene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	127-18-4	Tetrachloroethene (PCE)	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	109-99-9	Tetrahydrofuran (THF)	0	ug/L	5	0.66	
600-G-138	01/11/12	1201111310B	VOA	8260	108-88-3	Toluene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	156-60-5	trans-1,2-Dichloroethene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	10061-02-6	trans-1,3-Dichloropropene	0	ug/L	1	0.2	
600-G-138	01/11/12	1201111310B	VOA	8260	110-57-6	trans-1,4-Dichloro-2-butene	0	ug/L	1	0.54	
600-G-138	01/11/12	1201111310B	VOA	8260	79-01-6	Trichloroethene (TCE)	110	ug/L	1	0.23	
600-G-138	01/11/12	1201111310B	VOA	8260	75-69-4	Trichlorofluoromethane (CFC 11)	0.59	ug/L	1	0.2	J
600-G-138	01/11/12	1201111310B	VOA	8260	108-05-4	Vinyl Acetate	0	ug/L	5	0.62	
600-G-138	01/11/12	1201111310B	VOA	8260	75-01-4	Vinyl Chloride	0	ug/L	1	0.23	
600-G-138	01/11/12	1201111300B	Initial	PARAMS	NA	Conductivity	2380	µS/cm	0	0	
600-G-138	01/11/12	1201111300B	Initial	PARAMS	NA	DTW	145.36	ft	0	0	
600-G-138	01/11/12	1201111300B	Initial	PARAMS	NA	pH	8.46	NA	0	0	
600-G-138	01/11/12	1201111300B	Initial	PARAMS	NA	Temperature	20.4	ºC	0	0	
600-G-138	01/11/12	1201111300B	Initial	PARAMS	NA	Turbidity	9.17	NTU	0	0	

Appendix B
Chemical Analytical Results for Soil Vapor Sampling at MSVM Well 600-SGW-5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.27		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.22		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.53		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.25		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.24		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.27		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.36		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.33		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.34		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.26		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.33		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.2	UG/M3	21	0.45	J	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	591-78-6	2-Hexanone	0.79	UG/M3	2.1	0.27	J	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.1	0.9		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.35		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	67-64-1	Acetone	13	UG/M3	21	4.9	J	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.49		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.45		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	21	0.66		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.29		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.27		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	67-66-3	Chloroform	0.54	UG/M3	2.1	0.29	J	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.35		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.34		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.62		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.29		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	64-17-5	Ethanol	2.9	UG/M3	21	1.5	J FB	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.31		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-69-4	Freon 11	1.4	UG/M3	2.1	0.33	J FB	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	76-13-1	Freon 113	58	UG/M3	2.1	0.31		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.34		4.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-71-8	Freon 12	1.8	UG/M3	2.1	0.36	J FB	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	0.98		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	0.98		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.1	0.35		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.45		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.45		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.1	0.57		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.26		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.62		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.32		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.35		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	2.1	0.28		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.1	0.27		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	108-88-3	Toluene	0.35	UG/M3	2.1	0.27	J FB	4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.45		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	79-01-6	Trichloroethene	14	UG/M3	2.1	0.3		4.1
600-SGW-5-7.5	01/25/23	2301251030	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.23		4.1
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.26		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.21		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.31		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.51		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.24		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.23		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0.38	UG/M3	2	0.26	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.32		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.31		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.7	UG/M3	20	0.43	J FB	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	67-63-0	2-Propanol	29	UG/M3	3.9	0.86		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.28		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.33		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	67-64-1	Acetone	9.8	UG/M3	20	4.7	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.47		3.93

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	71-43-2	Benzene	1.1	UG/M3	2	0.3	J FB	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.3		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.43		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.63		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	67-66-3	Chloroform	1	UG/M3	2	0.28	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.3		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.59		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.27		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	64-17-5	Ethanol	13	UG/M3	20	1.5	J FB	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0.35	UG/M3	2	0.29	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-69-4	Freon 11	2.4	UG/M3	2	0.32	FB	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	76-13-1	Freon 113	200	UG/M3	2	0.3		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.33		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-71-8	Freon 12	2.5	UG/M3	2	0.34	FB	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.94		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	354-23-4	Freon 123a	16	UG/M3	0		TIC	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.94		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	142-82-5	Heptane	1.4	UG/M3	2	0.33	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.43		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.43		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	179601-23-1	m,p-Xylene	1	UG/M3	3.9	0.55	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.59		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	95-47-6	o-Xylene	0.52	UG/M3	2	0.3	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	100-42-5	Styrene	0.53	UG/M3	2	0.34	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.71	UG/M3	2	0.27	J	3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.26		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	108-88-3	Toluene	11	UG/M3	2	0.26		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.43		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	79-01-6	Trichloroethene	25	UG/M3	2	0.28		3.93
600-SGW-5-7.5	10/25/22	2210250910	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.22		3.93
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.29		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.24		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.2	0.32		4.38

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.57		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.35		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.26		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.29		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.39		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.35		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.36		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0.62	UG/M3	2.2	0.28	J	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.35		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	6.1	UG/M3	22	0.48	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	591-78-6	2-Hexanone	0.68	UG/M3	2.2	0.29	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.4	0.96		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.37		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	67-64-1	Acetone	42	UG/M3	22	5.3	FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.2	0.53		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	71-43-2	Benzene	0.44	UG/M3	2.2	0.34	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.2	0.48		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-15-0	Carbon Disulfide	23	UG/M3	22	0.7		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.2	0.31		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.2	0.29		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	67-66-3	Chloroform	1.7	UG/M3	2.2	0.31	J	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	74-87-3	Chloromethane	0.6	UG/M3	2.2	0.38	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.36		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.4	0.66		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.31		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	64-17-5	Ethanol	4.1	UG/M3	22	1.6	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.2	0.33		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-69-4	Freon 11	4.1	UG/M3	2.2	0.35	FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	76-13-1	Freon 113	190	UG/M3	2.2	0.33		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.2	0.37		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2.2	0.38	FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.2	1.1		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.2	1.1		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.2	0.37		4.38

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.48		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.2	0.48		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.4	0.61		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.28		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.2	0.66		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.2	0.34		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.2	0.38		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.4	UG/M3	2.2	0.3	J	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.2	0.29		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	108-88-3	Toluene	0.73	UG/M3	2.2	0.28	J FB	4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.48		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	79-01-6	Trichloroethene	34	UG/M3	2.2	0.32		4.38
600-SGW-5-7.5	07/26/22	2207261022	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.38
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.7	0.35		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.7	0.29		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0.71	UG/M3	2.7	0.39	J	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.7	0.69		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.7	0.33		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.7	0.42		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.7	0.31		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.7	0.35		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.7	0.47		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.7	0.42		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.7	0.43		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.7	0.33		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.7	0.42		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2	UG/M3	27	0.58	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.7	0.35		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	67-63-0	2-Propanol	1.8	UG/M3	5.3	1.2	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.7	0.38		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.7	0.45		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	27	6.4		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.7	0.64		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	71-43-2	Benzene	0.42	UG/M3	2.7	0.41	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.7	0.58		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	27	0.85		5.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.7	0.38		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.7	0.35		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	67-66-3	Chloroform	4.2	UG/M3	2.7	0.38	FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.7	0.46		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.7	0.4		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.7	0.44		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	5.3	0.8		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.7	0.37		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	64-17-5	Ethanol	14	UG/M3	27	2	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.7	0.4		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-69-4	Freon 11	7.4	UG/M3	2.7	0.43	FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	76-13-1	Freon 113	1500	UG/M3	27	4	D FB	53
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.7	0.45		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-71-8	Freon 12	2	UG/M3	2.7	0.46	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.7	1.3		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	354-23-4	Freon 123a	130	UG/M3	0		TIC FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.7	1.3		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.7	0.45		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.7	0.58		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.7	0.58		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	5.3	0.74		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.7	0.33		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-09-2	Methylene Chloride	0.84	UG/M3	2.7	0.8	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.7	0.41		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.7	0.46		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	2.7	0.37		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.7	0.36		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	108-88-3	Toluene	1.4	UG/M3	2.7	0.34	J FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.7	0.39		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.7	0.58		5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	79-01-6	Trichloroethene	130	UG/M3	2.7	0.38	FB	5.3
600-SGW-5-7.5	04/20/22	2204200953	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.7	0.3		5.3
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	3	0.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	3	0.32		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	3	0.47		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	3	0.78		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	3	0.37		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	3	0.47		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	3	0.35		6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	3	0.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	3	0.53		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	3	0.48		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	3	0.49		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	3	0.38		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	3	0.48		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	30	0.66		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	3	0.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	6	1.3		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	3	0.43		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	3	0.51		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	30	7.2		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	3	0.72		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	3	0.66		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	30	0.96		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	3	0.43		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	3	0.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	67-66-3	Chloroform	0.74	UG/M3	3	0.43	J	6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	3	0.52		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	3	0.45		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	3	0.5		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	6	0.9		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	3	0.42		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	30	2.2		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	3	0.45		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-69-4	Freon 11	1.3	UG/M3	3	0.49	J FB	6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	76-13-1	Freon 113	39	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	3	0.5		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-71-8	Freon 12	2.2	UG/M3	3	0.52	J FB	6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	3	1.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	354-23-4	Freon 123a	35	UG/M3	0		TIC	6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	3	1.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	3	0.51		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	3	0.66		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	3	0.66		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	6	0.84		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	3	0.38		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	3	0.9		6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	3	0.46		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	3	0.52		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.64	UG/M3	3	0.41	J	6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	3	0.4		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	3	0.39		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	3	0.44		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	3	0.66		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	79-01-6	Trichloroethene	16	UG/M3	3	0.43		6
600-SGW-5-7.5	01/19/22	2201191005	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	3	0.34		6
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.23	A	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.56		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.25		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.38		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.35		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.6	UG/M3	22	0.47	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	591-78-6	2-Hexanone	0.33	UG/M3	2.2	0.28	J	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	67-63-0	2-Propanol	3.3	UG/M3	4.3	0.95	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	67-64-1	Acetone	9.6	UG/M3	22	5.2	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.2	0.52		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	22	0.69		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	67-66-3	Chloroform	0.36	UG/M3	2.2	0.31	J	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.2	0.37		4.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.36		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.3	0.65		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.3		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	64-17-5	Ethanol	2.2	UG/M3	22	1.6	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-69-4	Freon 11	1.6	UG/M3	2.2	0.35	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	76-13-1	Freon 113	34	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.2	0.36		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-71-8	Freon 12	2.1	UG/M3	2.2	0.37	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.2	1		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.2	1		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.3	0.6		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.2	0.65		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.2	UG/M3	2.2	0.3	J	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.2	0.29		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	108-88-3	Toluene	0.33	UG/M3	2.2	0.28	J FB	4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	79-01-6	Trichloroethene	7.4	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/21/21	2110211020	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.3
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.27		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.32		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.53		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0.43	UG/M3	2	0.3	J	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.27		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.36		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.26		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	17	UG/M3	20	0.45	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	591-78-6	2-Hexanone	1.3	UG/M3	2	0.27	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	67-63-0	2-Propanol	1.5	UG/M3	4.1	0.89	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	67-64-1	Acetone	130	UG/M3	20	4.9	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.49		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	71-43-2	Benzene	0.32	UG/M3	2	0.31	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.45		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	74-83-9	Bromomethane	2.6	UG/M3	2	0.3	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-15-0	Carbon Disulfide	2.1	UG/M3	20	0.65	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.29		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.27		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	67-66-3	Chloroform	2.5	UG/M3	2	0.29	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	74-87-3	Chloromethane	2.3	UG/M3	2	0.35	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.34		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.61		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	64-17-5	Ethanol	7.7	UG/M3	20	1.5	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-69-4	Freon 11	5.6	UG/M3	2	0.33	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	76-13-1	Freon 113	410	UG/M3	2	0.31	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	2	0.35		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.97		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.97		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	142-82-5	Heptane	0.41	UG/M3	2	0.34	J	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.45		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.45		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.1	0.57		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.26		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-09-2	Methylene Chloride	2	UG/M3	2	0.61	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.35		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.49	UG/M3	2	0.28	J	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0.28	UG/M3	2	0.27	J FB	4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	108-88-3	Toluene	0.72	UG/M3	2	0.26	J FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.45		4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	79-01-6	Trichloroethene	55	UG/M3	2	0.29	FB	4.05
600-SGW-5-7.5	07/27/21	2107270800	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4.05
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.24		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.58		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0.72	UG/M3	2.2	0.33	J	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.26		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.39		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.36		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.2	0.28		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.6	UG/M3	22	0.49	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	67-63-0	2-Propanol	1.6	UG/M3	4.4	0.97	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.32		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0.56	UG/M3	2.2	0.32	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	67-64-1	Acetone	22	UG/M3	22	5.3	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.2	0.53		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	71-43-2	Benzene	0.65	UG/M3	2.2	0.34	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-15-0	Carbon Disulfide	150	UG/M3	22	0.71		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	108-90-7	Chlorobenzene	1.8	UG/M3	2.2	0.31	J	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	67-66-3	Chloroform	2.4	UG/M3	2.2	0.31	FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.37		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.4	0.66		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.31		4.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	64-17-5	Ethanol	14	UG/M3	22	1.6	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0.44	UG/M3	2.2	0.33	J	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-69-4	Freon 11	3.2	UG/M3	2.2	0.36	FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	76-13-1	Freon 113	350	UG/M3	2.2	0.34	FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.2	0.37		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	2.2	0.38	FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.2	1.1		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	354-23-4	Freon 123a	190	UG/M3	0		TIC FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.2	1.1		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	179601-23-1	m,p-Xylene	1.2	UG/M3	4.4	0.62	J	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.28	A	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.8	UG/M3	2.2	0.66	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	95-47-6	o-Xylene	0.6	UG/M3	2.2	0.34	J	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.7	UG/M3	2.2	0.31		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.2	0.3		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	108-88-3	Toluene	1.8	UG/M3	2.2	0.29	J FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	79-01-6	Trichloroethene	47	UG/M3	2.2	0.32	FB	4.43
600-SGW-5-7.5	04/27/21	2104270950	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.43
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.9	0.25		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.21		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.5		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.24		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.23		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.25		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.34		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.31		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.32		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0.42	UG/M3	1.9	0.24	J	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.31		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.99	UG/M3	19	0.42	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	591-78-6	2-Hexanone	0.27	UG/M3	1.9	0.25	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	3.9	0.85		3.85

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.33		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	67-64-1	Acetone	5.5	UG/M3	19	4.6	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.46		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	1.9	0.42		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-15-0	Carbon Disulfide	1.3	UG/M3	19	0.62	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0.36	UG/M3	1.9	0.28	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.27		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	1.9	0.25		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	67-66-3	Chloroform	0.52	UG/M3	1.9	0.27	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	1.9	0.33		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.29		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.32		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.58		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.27		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	64-17-5	Ethanol	3.3	UG/M3	19	1.4	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.29		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-69-4	Freon 11	1.2	UG/M3	1.9	0.31	J FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	76-13-1	Freon 113	17	UG/M3	1.9	0.29	FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	1.9	0.32		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-71-8	Freon 12	2.4	UG/M3	1.9	0.33	FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	1.9	0.92		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	354-23-4	Freon 123a	18	UG/M3	0		TIC FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	1.9	0.92		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	1.9	0.33		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.42		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	1.9	0.42		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	3.9	0.54		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.24		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	1.9	0.3		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	1.9	0.33		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	1.9	0.27		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.26		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	1.9	0.25		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.28		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.42		3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	79-01-6	Trichloroethene	9.2	UG/M3	1.9	0.28	FB	3.85
600-SGW-5-7.5	01/19/21	2101191038	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.22		3.85

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.23		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.56		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.25		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.38		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.35		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.34		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.7	UG/M3	22	0.47	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.3	0.95		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	67-64-1	Acetone	8	UG/M3	22	5.2	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.2	0.52		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-15-0	Carbon Disulfide	9.7	UG/M3	22	0.69	J	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0.37	UG/M3	2.2	0.32	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.2	0.28		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	67-66-3	Chloroform	0	UG/M3	2.2	0.31		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.36		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.3	0.65		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.3		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	64-17-5	Ethanol	8	UG/M3	22	1.6	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-69-4	Freon 11	1.4	UG/M3	2.2	0.35	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	76-13-1	Freon 113	9.7	UG/M3	2.2	0.33	FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.2	0.36		4.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-71-8	Freon 12	2.4	UG/M3	2.2	0.37	FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.2	1		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.2	1		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.3	0.6		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.27		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.2	0.65		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.2	0.33		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.2	0.37		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	2.2	0.3		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	23	UG/M3	2.2	0.29	FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	108-88-3	Toluene	0.89	UG/M3	2.2	0.28	J FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.47		4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	79-01-6	Trichloroethene	2.3	UG/M3	2.2	0.31	FB	4.3
600-SGW-5-7.5	10/29/20	2010291030	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.3
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.26		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.8	UG/M3	20	0.44	J FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	67-63-0	2-Propanol	1.5	UG/M3	4	0.88	J FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	67-64-1	Acetone	13	UG/M3	20	4.8	J FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-15-0	Carbon Disulfide	3.6	UG/M3	20	0.64	J RB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	67-66-3	Chloroform	2.3	UG/M3	2	0.28	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	64-17-5	Ethanol	13	UG/M3	20	1.5	J FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-69-4	Freon 11	5.8	UG/M3	2	0.32	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	76-13-1	Freon 113	300	UG/M3	2	0.3	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2	0.35	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.96		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	354-23-4	Freon 123a	140	UG/M3	0		TIC FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.96		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	142-82-5	Heptane	1.5	UG/M3	2	0.34	J	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	110-54-3	Hexane	2	UG/M3	2	0.44	J	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4	0.56		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.6		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	100-42-5	Styrene	0.43	UG/M3	2	0.34	J	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.93	UG/M3	2	0.28	J	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	50	UG/M3	2	0.27	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	108-88-3	Toluene	0.63	UG/M3	2	0.26	J FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	79-01-6	Trichloroethene	53	UG/M3	2	0.29	FB	4
600-SGW-5-7.5	07/22/20	2007220740	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.26		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.29		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.21		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.29		3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0.35	UG/M3	2	0.29	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.23		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.8	UG/M3	20	0.44	J FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	67-63-0	2-Propanol	74	UG/M3	4	0.87		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0.94	UG/M3	2	0.29	J FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	20	4.8		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.29		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0.68	UG/M3	20	0.64	J FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.29		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	67-66-3	Chloroform	2.5	UG/M3	2	0.28	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	110-82-7	Cyclohexane	1.2	UG/M3	4	0.6	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	64-17-5	Ethanol	53	UG/M3	20	1.5	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0.99	UG/M3	2	0.3	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-69-4	Freon 11	3.3	UG/M3	2	0.32	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	76-13-1	Freon 113	390	UG/M3	2	0.3	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.33		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-71-8	Freon 12	2.2	UG/M3	2	0.35	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.95		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	354-23-4	Freon 123a	240	UG/M3	0		TIC FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.95		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	142-82-5	Heptane	0.61	UG/M3	2	0.34	J	3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	179601-23-1	m,p-Xylene	2.2	UG/M3	4	0.56	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-09-2	Methylene Chloride	0.94	UG/M3	2	0.6	J FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	95-47-6	o-Xylene	0.8	UG/M3	2	0.31	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	100-42-5	Styrene	1.1	UG/M3	2	0.34	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.43	UG/M3	2	0.27	J	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	28	UG/M3	2	0.27	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	108-88-3	Toluene	8.7	UG/M3	2	0.26	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.29		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	79-01-6	Trichloroethene	57	UG/M3	2	0.29	FB	3.98
600-SGW-5-7.5	04/27/20	2004271010	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		3.98
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.22		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.54		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.24		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.36		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.34		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.26		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	21	0.45		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	67-63-0	2-Propanol	1.4	UG/M3	4.1	0.91	J FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.3		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	21	5		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.5		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	21	0.66		4.13

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.29		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	67-66-3	Chloroform	1.5	UG/M3	2.1	0.29	J FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.34		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.62		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.29		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	21	1.5		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-69-4	Freon 11	2.6	UG/M3	2.1	0.33	FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	76-13-1	Freon 113	340	UG/M3	2.1	0.31	FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-71-8	Freon 12	2.2	UG/M3	2.1	0.36	FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	0.99		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	354-23-4	Freon 123a	180	UG/M3	0		TIC FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	0.99		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.1	0.58		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.26		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.62		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	2.1	0.28		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.1	0.28		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	108-88-3	Toluene	0.36	UG/M3	2.1	0.27	J FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	79-01-6	Trichloroethene	45	UG/M3	2.1	0.3	FB	4.13
600-SGW-5-7.5	01/17/20	2001171010	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.13
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.9	0.26		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.21		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.5		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.24		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.31		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.23		3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.26		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.34		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.31		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.32		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.24		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.31		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	UG/M3	19	0.43	J FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	1.9	0.26		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	67-63-0	2-Propanol	8.2	UG/M3	3.9	0.85	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.28		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.33		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.28		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	19	4.7		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.47		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	1.9	0.43		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0.89	UG/M3	19	0.62	J FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0.38	UG/M3	1.9	0.29	J FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.28		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	1.9	0.26		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	67-66-3	Chloroform	0.36	UG/M3	1.9	0.28	J FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	1.9	0.33		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.32		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.58		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.27		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	64-17-5	Ethanol	4.9	UG/M3	19	1.4	J FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-69-4	Freon 11	2.3	UG/M3	1.9	0.31	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	76-13-1	Freon 113	25	UG/M3	1.9	0.29	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	1.9	0.33		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	1.9	0.34	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	1.9	0.93		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	354-23-4	Freon 123a	20	UG/M3	0		TIC FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	1.9	0.93		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	1.9	0.33		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.43		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	1.9	0.43		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	3.9	0.54		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.24		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.1	UG/M3	1.9	0.58	J FB	3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	1.9	0.33		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	127-18-4	Tetrachloroethene	3.4	UG/M3	1.9	0.27		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.26		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	108-88-3	Toluene	7.4	UG/M3	1.9	0.25	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.43		3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	79-01-6	Trichloroethene	7	UG/M3	1.9	0.28	FB	3.88
600-SGW-5-7.5	10/30/19	1910301005	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.22		3.88
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.27		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.31		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.27		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.7	UG/M3	20	0.44	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	591-78-6	2-Hexanone	0.72	UG/M3	2	0.27	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4	0.89		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0.29	UG/M3	2	0.29	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	67-64-1	Acetone	25	UG/M3	20	4.8	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	71-43-2	Benzene	1.2	UG/M3	2	0.31	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-15-0	Carbon Disulfide	14	UG/M3	20	0.64	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	108-90-7	Chlorobenzene	0.61	UG/M3	2	0.29	J	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.27		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	67-66-3	Chloroform	0.67	UG/M3	2	0.29	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.35		4.03

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	64-17-5	Ethanol	3.9	UG/M3	20	1.5	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	100-41-4	Ethyl Benzene	1.1	UG/M3	2	0.3	J	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-69-4	Freon 11	6.7	UG/M3	2	0.33	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	76-13-1	Freon 113	89	UG/M3	2	0.31	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-71-8	Freon 12	2.1	UG/M3	2	0.35	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.97		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	354-23-4	Freon 123a	56	UG/M3	0		TIC FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.97		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	179601-23-1	m,p-Xylene	1.5	UG/M3	4	0.56	J	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	95-47-6	o-Xylene	0.56	UG/M3	2	0.31	J	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.35		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.68	UG/M3	2	0.28	J FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0.37	UG/M3	2	0.27	J RB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	108-88-3	Toluene	2.4	UG/M3	2	0.26	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	20	UG/M3	2	0.3		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	79-01-6	Trichloroethene	14	UG/M3	2	0.29	FB	4.03
600-SGW-5-7.5	07/23/19	1907230825	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4.03
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.22		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.54		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	15	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.24		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	5.6	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.36		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.34		4.13

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.26		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.33		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	UG/M3	21	0.45	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.1	0.91		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	3.3	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.3		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	21	5		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.5		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	71-43-2	Benzene	1.9	UG/M3	2.1	0.32	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0.94	UG/M3	21	0.66	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.29		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.27		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	67-66-3	Chloroform	1.6	UG/M3	2.1	0.29	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.34		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.62		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.29		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	64-17-5	Ethanol	2.2	UG/M3	21	1.5	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0.71	UG/M3	2.1	0.31	J	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-69-4	Freon 11	4.6	UG/M3	2.1	0.33	FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	76-13-1	Freon 113	340	UG/M3	2.1	0.31	FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-71-8	Freon 12	1.9	UG/M3	2.1	0.36	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	0.99		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	354-23-4	Freon 123a	160	UG/M3	0		TIC FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	0.99		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	142-82-5	Heptane	0.38	UG/M3	2.1	0.35	J	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	179601-23-1	m,p-Xylene	13	UG/M3	4.1	0.58		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0.42	UG/M3	2.1	0.26	J	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.62		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	95-47-6	o-Xylene	4.7	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.32		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.35		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.95	UG/M3	2.1	0.28	J FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	5.7	UG/M3	2.1	0.28	FB	4.13

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	108-88-3	Toluene	2.5	UG/M3	2.1	0.27	FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.45		4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	79-01-6	Trichloroethene	40	UG/M3	2.1	0.3	FB	4.13
600-SGW-5-7.5	05/02/19	1905020905	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.13
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.23		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.55		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.25		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.37		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.34		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.35		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.27		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.34		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.5	UG/M3	21	0.46	J TB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.34	UG/M3	2.1	0.28	J FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	67-63-0	2-Propanol	1.2	UG/M3	4.2	0.93	J TB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.36		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	21	5.1		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.51		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2.1	0.46		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	21	0.68		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.3		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	67-66-3	Chloroform	2.1	UG/M3	2.1	0.3	FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	2.1	0.36		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.32		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.35		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4.2	0.63		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.3		4.23

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	64-17-5	Ethanol	3.7	UG/M3	21	1.6	J TB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.32		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-69-4	Freon 11	3.4	UG/M3	2.1	0.34	FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	76-13-1	Freon 113	390	UG/M3	2.1	0.32	FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	2.1	0.37	FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2.1	1	*	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	354-23-4	Freon 123a	160	UG/M3	0	0	TIC FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2.1	1		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2.1	0.36		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.46		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2.1	0.46		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	4.2	0.59		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.27		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.63		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2.1	0.36		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	2.1	0.29		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2.1	0.28		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	108-88-3	Toluene	4.2	UG/M3	2.1	0.27	TB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.46		4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	79-01-6	Trichloroethene	53	UG/M3	2.1	0.3	FB	4.23
600-SGW-5-7.5	01/28/19	1901280845	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.23
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.26		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.21		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.31		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.51		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.24		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.31		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.23		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.32		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.4	UG/M3	20	0.43	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.39	UG/M3	2	0.26	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	4	0.87		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2	0.28		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	67-64-1	Acetone	9.4	UG/M3	20	4.7	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.47		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2	0.43		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	5	UG/M3	20	0.63	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	2	0.26		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	67-66-3	Chloroform	2.1	UG/M3	2	0.28	FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	2	0.34		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4	0.59		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	64-17-5	Ethanol	2.5	UG/M3	20	1.5	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-69-4	Freon 11	5.5	UG/M3	2	0.32	FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	76-13-1	Freon 113	360	UG/M3	20	3	D FB	39.5
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2	0.33		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	UG/M3	2	0.34	FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2	0.34		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.43		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2	0.43		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	4	0.55		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2	0.3		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2	0.34		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0.47	UG/M3	2	0.27	J FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.26		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	2	0.26		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.29		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.43		3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	79-01-6	Trichloroethene	61	UG/M3	2	0.28	FB	3.95
600-SGW-5-7.5	10/24/18	1810240850	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.24		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.58		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.26		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.39		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.36		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	1.6	UG/M3	2.2	0.28	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.35		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5.3	UG/M3	22	0.49	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	2.2	0.29		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	67-63-0	2-Propanol	3	UG/M3	4.4	0.97	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.32		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	1.1	UG/M3	2.2	0.32	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	67-64-1	Acetone	150	UG/M3	22	5.3	FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	1.5	UG/M3	2.2	0.53	J	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	74-83-9	Bromomethane	0.34	UG/M3	2.2	0.33	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	54	UG/M3	22	0.71	FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2.2	0.31		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-00-3	Chloroethane	0.38	UG/M3	2.2	0.29	J	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	67-66-3	Chloroform	1.4	UG/M3	2.2	0.31	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	74-87-3	Chloromethane	1.5	UG/M3	2.2	0.38	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.37		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4.4	0.66		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.31		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	22	1.6		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-69-4	Freon 11	12	UG/M3	2.2	0.36	FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	76-13-1	Freon 113	250	UG/M3	2.2	0.34	FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2.2	0.37		4.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-71-8	Freon 12	2	UG/M3	2.2	0.38	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2.2	1.1		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	354-23-4	Freon 123a	140	UG/M3	0		TIC FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2.2	1.1		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	4.4	0.62		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.28		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	2.2	0.66		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2.2	0.34		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2.2	0.38		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	1.2	UG/M3	2.2	0.31	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2.2	0.3		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	108-88-3	Toluene	1.2	UG/M3	2.2	0.29	J FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.49		4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	79-01-6	Trichloroethene	39	UG/M3	2.2	0.32	FB	4.43
600-SGW-5-7.5	08/15/18	1808151010	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.43
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2	0.87		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.56		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	UG/M3	20	0.83	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	4	1.7		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0.93	UG/M3	2	0.64	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	67-64-1	Acetone	9.2	UG/M3	20	3.1	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.44		3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	2	0.76		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	1.3	UG/M3	20	0.6	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	67-66-3	Chloroform	1.7	UG/M3	2	0.68	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.56		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4	1.2		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	64-17-5	Ethanol	8.6	UG/M3	20	3.2	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-69-4	Freon 11	11	UG/M3	2	0.68	FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	76-13-1	Freon 113	230	UG/M3	2	0.68	FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2	0.76		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-71-8	Freon 12	2	UG/M3	2	0.68	FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2	0.95		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	354-23-4	Freon 123a	98	UG/M3	0		TIC FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2	0.95		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.56		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	1.3	UG/M3	4	1.2	J	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.72	UG/M3	2	0.68	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2	0.6		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	1.2	UG/M3	2	0.56	J FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.8		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	108-88-3	Toluene	4.2	UG/M3	2	0.68	FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.76		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.64		3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	79-01-6	Trichloroethene	34	UG/M3	2	0.56	FB	3.98
600-SGW-5-7.5	04/27/18	1804271005	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2	0.68		3.98
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.9	0.65		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.65		3.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.84		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.53		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.8	UG/M3	19	0.8	J FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	3.8	1.6		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	67-64-1	Acetone	9.5	UG/M3	19	2.9	J FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.42		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	1.9	0.72		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0.73	UG/M3	19	0.57	J FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	1.9	0.65		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	67-66-3	Chloroform	1.3	UG/M3	1.9	0.65	J FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.53		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	3.8	1.1		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	64-17-5	Ethanol	7.3	UG/M3	19	3	J FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-69-4	Freon 11	9.7	UG/M3	1.9	0.65	FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	76-13-1	Freon 113	260	UG/M3	1.9	0.65	FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	1.9	0.72		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	1.9	0.65	FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	1.9	0.91		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	354-23-4	Freon 123a	110	UG/M3	0		TIC FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	1.9	0.91		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	1.9	0.65		3.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.53		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	3.8	1.1		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.65		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-09-2	Methylene Chloride	2.4	UG/M3	1.9	0.65	J RB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	1.9	0.57		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2	UG/M3	1.9	0.53	FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.76		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	1.9	0.65		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.72		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.61		3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	79-01-6	Trichloroethene	44	UG/M3	1.9	0.53	FB	3.8
600-SGW-5-7.5	03/06/18	1803060815	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.65		3.8
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.85		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	UG/M3	2	0.87		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.54		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.55		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.2	UG/M3	20	0.83	J FB	3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5	UG/M3	19	0.81	J FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	591-78-6	2-Hexanone	1	UG/M3	1.9	0.62	J FB	3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	UG/M3	4	1.7		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	3.9	1.6		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	67-64-1	Acetone	19	UG/M3	20	3	J FB	3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	67-64-1	Acetone	27	UG/M3	19	3	FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.43		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.43		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	71-43-2	Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	1.9	0.74		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	UG/M3	20	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	19	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	67-66-3	Chloroform	1.6	UG/M3	2	0.67	J FB	3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	67-66-3	Chloroform	1.6	UG/M3	1.9	0.66	J FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.54		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	98-82-8	Cumene	0	UG/M3	2	0.59		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	3.9	1.1		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	UG/M3	4	1.1		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	19	3.1		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	UG/M3	20	3.2		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-69-4	Freon 11	2.7	UG/M3	1.9	0.66	FB	3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-69-4	Freon 11	2.6	UG/M3	2	0.67	FB	3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	76-13-1	Freon 113	310	UG/M3	2	0.67	FB	3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	76-13-1	Freon 113	310	UG/M3	1.9	0.66	FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	1.9	0.74		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-71-8	Freon 12	2.2	UG/M3	2	0.67	FB	3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	UG/M3	1.9	0.66	FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	1.9	0.93		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	354-23-4	Freon 123a	140	UG/M3	0		TIC FB	3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	354-23-4	Freon 123a	130	UG/M3	0		TIC FB	3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	1.9	0.93		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	142-82-5	Heptane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.54		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	110-54-3	Hexane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	UG/M3	4	1.2		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	3.9	1.2		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	1.9	0.58		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	100-42-5	Styrene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0.6	UG/M3	1.9	0.54	J FB	3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.78		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.79		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	108-88-3	Toluene	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.74		3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.62		3.88
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	79-01-6	Trichloroethene	41	UG/M3	1.9	0.54	FB	3.88
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	42	UG/M3	2	0.55	FB	3.95
600-SGW-5-7.5	02/24/18	1802241008	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	02/24/18	1802241007	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.66		3.88
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.85		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.2	UG/M3	19	0.81	J FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	3.9	1.6		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	67-64-1	Acetone	6.9	UG/M3	19	3	J FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.42		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	1.9	0.73		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	19	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	67-66-3	Chloroform	1.4	UG/M3	1.9	0.65	J FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	1.9	0.58		3.85

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	3.9	1.1		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	19	3.1		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-69-4	Freon 11	31	UG/M3	1.9	0.65	FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	76-13-1	Freon 113	250	UG/M3	1.9	0.65	FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	1.9	0.73		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	UG/M3	1.9	0.65	FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	1.9	0.92		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	354-23-4	Freon 123a	65	UG/M3	0		TIC FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	1.9	0.92		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	3.9	1.2		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.5	UG/M3	1.9	0.54	FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.77		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.73		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	79-01-6	Trichloroethene	43	UG/M3	1.9	0.54	FB	3.85
600-SGW-5-7.5	10/27/17	1710271030	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.65		3.85
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.64		4.03

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	UG/M3	2	0.87		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2	0.89		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.56		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2	UG/M3	20	0.85	J FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.4	UG/M3	20	0.83	J FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	4	1.7		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	UG/M3	4	1.7		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	67-64-1	Acetone	16	UG/M3	20	3.1	J FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	67-64-1	Acetone	22	UG/M3	20	3	FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	UG/M3	4	0.43		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	4	0.44		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	71-43-2	Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	2	0.76		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0.69	UG/M3	20	0.6	J A FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	UG/M3	20	0.59		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	67-66-3	Chloroform	1.5	UG/M3	2	0.68	J FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	67-66-3	Chloroform	1.7	UG/M3	2	0.67	J FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.56		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	98-82-8	Cumene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	UG/M3	4	1.1		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4	1.2		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	64-17-5	Ethanol	4.7	UG/M3	20	3.2	J FB	3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	20	3.2		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-69-4	Freon 11	120	UG/M3	2	0.67	A	3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-69-4	Freon 11	7.1	UG/M3	2	0.68	A FB	4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	76-13-1	Freon 113	360	UG/M3	2	0.68	QD FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	76-13-1	Freon 113	470	UG/M3	20	6.7	D QD FB	39.5
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2	0.76		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	2	0.68	FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-71-8	Freon 12	2.4	UG/M3	2	0.67	FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2	0.97		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	354-23-4	Freon 123a	130	UG/M3	0		TIC FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	354-23-4	Freon 123a	160	UG/M3	0		TIC FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	UG/M3	2	0.95		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2	0.97		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	142-82-5	Heptane	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.56		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	110-54-3	Hexane	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	UG/M3	4	1.2		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	4	1.2		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	1.4	UG/M3	2	0.67	J FB	3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2	0.6		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	100-42-5	Styrene	0	UG/M3	2	0.59		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	UG/M3	2	0.55		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	2	0.56		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.81		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.79		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	108-88-3	Toluene	0.87	UG/M3	2	0.67	J FB	3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.76		4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.75		3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.64		4.03
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	79-01-6	Trichloroethene	40	UG/M3	2	0.56	FB	4.03
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	44	UG/M3	2	0.55	FB	3.95
600-SGW-5-7.5	08/26/17	1708260950	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	UG/M3	2	0.67		3.95
600-SGW-5-7.5	08/26/17	1708260949	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2	0.68		4.03
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	47	20		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	47	13		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	470	20		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	93	39		93

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	470	72		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	47	10		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	47	18		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	470	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	47	13		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	93	27		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	470	74		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-69-4	Freon 11	5800	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	76-13-1	Freon 113	8700	UG/M3	47	16	FB	93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	47	18		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	47	22		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	354-23-4	Freon 123a	160	UG/M3	0		TIC FB	93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	47	22		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	47	13		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	93	28		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	47	14		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	47	13		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	47	19		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	47	16		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	47	18		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	47	15		93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	79-01-6	Trichloroethene	54	UG/M3	47	13	FB	93
600-SGW-5-7.5	07/31/17	1707310900	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	47	16		93

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.1	0.93		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2.1	0.59		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	8.4	ug/m3	21	0.89	J FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.92	ug/m3	2.1	0.68	J FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	67-63-0	2-Propanol	2.2	ug/m3	4.2	1.8	J FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	67-64-1	Acetone	38	ug/m3	21	3.3	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.1	0.46		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.1	0.8		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	35	ug/m3	21	0.63	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	67-66-3	Chloroform	3	ug/m3	2.1	0.72	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.1	0.59		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.2	1.2		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	64-17-5	Ethanol	4	ug/m3	21	3.4	J FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-69-4	Freon 11	4.8	ug/m3	2.1	0.72	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	76-13-1	Freon 113	960	ug/m3	21	7.2	D FB	42.25
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.1	0.8		4.23

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2.1	0.72	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.1	1		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	354-23-4	Freon 123a	250	ug/m3	0		TIC FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.1	1		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.1	0.59		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4.2	1.3		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2.1	0.63		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2.1	0.59		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.1	0.85		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.1	0.8		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.1	0.68		4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	79-01-6	Trichloroethene	77	ug/m3	2.1	0.59	FB	4.23
600-SGW-5-7.5	04/24/17	1704241015	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.1	0.72		4.23
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	6.1	2.7		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	6.1	1.7		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	61	2.6		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	12	5.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	67-64-1	Acetone	12	ug/m3	61	9.4	J FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	6.1	1.3		12.21

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	6.1	2.3		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	2.2	ug/m3	61	1.8	J A FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	67-66-3	Chloroform	3.7	ug/m3	6.1	2.1	J FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	6.1	1.7		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	12	3.5		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	61	9.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-69-4	Freon 11	4.3	ug/m3	6.1	2.1	J FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	76-13-1	Freon 113	1100	ug/m3	6.1	2.1	FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	6.1	2.3		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	6.1	2.9		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	354-23-4	Freon 123a	300	ug/m3	0		TIC FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	6.1	2.9		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	6.1	1.7		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	12	3.7		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	6.1	1.8		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	10	ug/m3	6.1	1.7	FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	6.1	2.4		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	6.1	2.3		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	6.1	2		12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	79-01-6	Trichloroethene	75	ug/m3	6.1	1.7	FB	12.21
600-SGW-5-7.5	01/18/17	1701181305	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	6.1	2.1		12.21
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1.9	0.66		3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.9	0.85		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	ug/m3	19	0.81	J FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3.9	1.6		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	67-64-1	Acetone	23	ug/m3	19	3	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.9	0.43		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1.9	0.74		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	48	ug/m3	19	0.58	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	67-66-3	Chloroform	1.7	ug/m3	1.9	0.66	J FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3.9	1.1		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	19	3.1		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-69-4	Freon 11	2.2	ug/m3	1.9	0.66	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	76-13-1	Freon 113	300	ug/m3	1.9	0.66	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.9	0.74		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	1.9	0.66	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1.9	0.93		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0			3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.9	0.93		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1.9	0.66		3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	3.9	1.2		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.9	0.78		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.9	0.74		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	79-01-6	Trichloroethene	49	ug/m3	1.9	0.54	FB	3.88
600-SGW-5-7.5	12/06/16	1612060950	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.9	0.66		3.88
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0.72	ug/m3	2	0.65	J	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.9		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.57		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.6	ug/m3	20	0.86	J FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.82	ug/m3	2	0.65	J FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	67-63-0	2-Propanol	120	ug/m3	4.1	1.7		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	67-64-1	Acetone	51	ug/m3	20	3.1	FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.45		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.77		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.61		4.08

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.57		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.2		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20	3.3		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-69-4	Freon 11	3.1	ug/m3	2	0.69	FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	76-13-1	Freon 113	67	ug/m3	2	0.69	FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.77		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-71-8	Freon 12	2	ug/m3	2	0.69	J FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.98		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.98		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.57		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4.1	1.2		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.61		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2	0.57		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.82		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.77		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.65		4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	79-01-6	Trichloroethene	11	ug/m3	2	0.57	FB	4.08
600-SGW-5-7.5	07/13/16	1607130845	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.69		4.08
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	3.8	1.3		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	ug/m3	3.8	1.3		7.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	3.8	1.7		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	4.2	1.8		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	4.2	1.2		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	42	1.8		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	13	ug/m3	38	1.6	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	8.4	3.5		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	67-63-0	2-Propanol	5.1	ug/m3	7.5	3.2	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	42	6.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	67-64-1	Acetone	0	ug/m3	38	5.8		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	3.8	0.83		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	4.2	0.92		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	4.2	1.3		8.35

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	3.8	1.4		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	4.2	1.6		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	42	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	16	ug/m3	38	1.1	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	3.8	1.3		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	67-66-3	Chloroform	4.2	ug/m3	4.2	1.4	FB	8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	67-66-3	Chloroform	3.9	ug/m3	3.8	1.3	FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	4.2	1.2		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	8.4	2.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	7.5	2.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	42	6.7		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	64-17-5	Ethanol	11	ug/m3	38	6	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-69-4	Freon 11	3.8	ug/m3	4.2	1.4	J FB	8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-69-4	Freon 11	3.5	ug/m3	3.8	1.3	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	76-13-1	Freon 113	840	ug/m3	15	5.1	D FB	30
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	76-13-1	Freon 113	930	ug/m3	17	5.7	D FB	33.4
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	4.2	1.6		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	3.8	1.4		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-71-8	Freon 12	2.5	ug/m3	3.8	1.3	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	4.2	1.4	J FB	8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	4.2	2		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	ug/m3	3.8	1.8		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	354-23-4	Freon 123a	340	ug/m3	0		TIC FB	7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	354-23-4	Freon 123a	360	ug/m3	0		TIC FB	8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	4.2	2		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	3.8	1.8		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	3.8	1.3		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	4.2	1.4		8.35

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	4.2	1.2		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	8.4	2.5		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	7.5	2.3		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	3.8	1.3		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	1.7	ug/m3	3.8	1.3	J FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	4.2	1.2		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	3.8	1.1		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	3.8	1.5		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	4.2	1.7		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	108-88-3	Toluene	13	ug/m3	3.8	1.3	FB	7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	3.8	1.4		7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	4.2	1.6		8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	4.2	1.3		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	3.8	1.2		7.5
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	100	ug/m3	3.8	1.1	FB	7.5
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	79-01-6	Trichloroethene	110	ug/m3	4.2	1.2	FB	8.35
600-SGW-5-7.5	04/20/16	1604201358	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	4.2	1.4		8.35
600-SGW-5-7.5	04/20/16	1604201359	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	3.8	1.3		7.5
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.89		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.57		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.8	ug/m3	20	0.85	J FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.71	ug/m3	2	0.65	J FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	67-63-0	2-Propanol	18	ug/m3	4.1	1.7	FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	67-64-1	Acetone	15	ug/m3	20	3.1	J FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.45		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	67-66-3	Chloroform	5.4	ug/m3	2	0.69	FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.2		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	64-17-5	Ethanol	36	ug/m3	20	3.2	FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-69-4	Freon 11	4.7	ug/m3	2	0.69	FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	76-13-1	Freon 113	1500	ug/m3	20	6.9	D FB	40.5
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.97		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	354-23-4	Freon 123a	320	ug/m3	0		TIC FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.97		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4.1	1.2		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.81		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	79-01-6	Trichloroethene	150	ug/m3	2	0.57	FB	4.05
600-SGW-5-7.5	01/20/16	1601201330	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.5	1.1		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2.5	0.71		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.8	ug/m3	25	1.1	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	5.1	2.1		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	67-64-1	Acetone	8.2	ug/m3	25	3.9	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.5	0.56		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.5	0.96		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	3	ug/m3	25	0.76	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	67-66-3	Chloroform	1.5	ug/m3	2.5	0.86	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.5	0.71		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	5.1	1.5		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.5	0.81		5.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	64-17-5	Ethanol	7.6	ug/m3	25	4	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-69-4	Freon 11	2.7	ug/m3	2.5	0.86	FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	76-13-1	Freon 113	450	ug/m3	2.5	0.86	FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.5	0.96		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-71-8	Freon 12	1.9	ug/m3	2.5	0.86	J FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.5	1.2		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	354-23-4	Freon 123a	110	ug/m3	0		TIC FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.5	1.2		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.5	0.71		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	5.1	1.5		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2.5	0.76		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2.5	0.71		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.5	1		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	108-88-3	Toluene	8.9	ug/m3	2.5	0.86	FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.5	0.96		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.5	0.81		5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	79-01-6	Trichloroethene	50	ug/m3	2.5	0.71	FB	5.05
600-SGW-5-7.5	10/22/15	1510220945	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.5	0.86		5.05
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.68		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.68		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.88		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.56		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.3	ug/m3	20	0.84	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	67-63-0	2-Propanol	7.5	ug/m3	4	1.7	FB	4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	67-64-1	Acetone	16	ug/m3	20	3.1	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.44		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.76		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.68		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	67-66-3	Chloroform	1.7	ug/m3	2	0.68	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.56		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4	1.2		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	64-17-5	Ethanol	5.2	ug/m3	20	3.2	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-69-4	Freon 11	5.2	ug/m3	2	0.68	FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	76-13-1	Freon 113	440	ug/m3	20	6.8	D FB	40
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.76		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-71-8	Freon 12	2	ug/m3	2	0.68	FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.96		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	354-23-4	Freon 123a	99	ug/m3	0		TIC FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.96		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.68		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.56		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4	1.2		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.68		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.95	ug/m3	2	0.68	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.6		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0.77	ug/m3	2	0.56	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.8		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	108-88-3	Toluene	1	ug/m3	2	0.68	J FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.76		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.64		4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	79-01-6	Trichloroethene	48	ug/m3	2	0.56	FB	4
600-SGW-5-7.5	08/04/15	1508040855	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.68		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	7.1	3.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	7.1	2		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	3.7	ug/m3	7.1	2.3	J FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	11	ug/m3	71	3	J FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	14	6		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	67-64-1	Acetone	71	ug/m3	71	11	J FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	7.1	1.6		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	7.1	2.7		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	71	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	7.1	2		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	14	4.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	64-17-5	Ethanol	18	ug/m3	71	11	J FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-69-4	Freon 11	3.1	ug/m3	7.1	2.4	J FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	76-13-1	Freon 113	420	ug/m3	7.1	2.4	FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	7.1	2.7		14.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	7.1	3.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	354-23-4	Freon 123a	190	ug/m3	0		TIC FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	7.1	3.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	7.1	2		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	14	4.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	7.1	2.1		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	7.1	2		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	7.1	2.9		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	108-88-3	Toluene	19	ug/m3	7.1	2.4	FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	7.1	2.7		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	7.1	2.3		14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	79-01-6	Trichloroethene	37	ug/m3	7.1	2	FB	14.25
600-SGW-5-7.5	04/16/15	1504160906	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	7.1	2.4		14.25
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	1.6	ug/m3	4	1.2	J	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	4	1.7		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	4	1.1		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.3	ug/m3	40	1.7	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	8	3.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	67-64-1	Acetone	33	ug/m3	40	6.1	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	4	0.87		7.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	4	1.5		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	40	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	4	1.1		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	8	2.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	64-17-5	Ethanol	7.1	ug/m3	40	6.4	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-69-4	Freon 11	1.7	ug/m3	4	1.4	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	76-13-1	Freon 113	210	ug/m3	4	1.4	FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	4	1.5		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-71-8	Freon 12	1.9	ug/m3	4	1.4	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	4	1.9		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	4	1.9		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	142-82-5	Heptane	3.2	ug/m3	4	1.4	J	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	4	1.1		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	8	2.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5.7	ug/m3	4	1.4	FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	4	1.2		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	4	1.1		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	3.2	ug/m3	4	1.6	J FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	108-88-3	Toluene	4.4	ug/m3	4	1.4	FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	4	1.5		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	4	1.3		7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	79-01-6	Trichloroethene	25	ug/m3	4	1.1	FB	7.95
600-SGW-5-7.5	01/28/15	1501281000	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	4	1.4		7.95
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4	1.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	4	1.4		8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	4	1.8		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	4	1.1		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.6	ug/m3	40	1.7	J FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	8	3.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	67-64-1	Acetone	14	ug/m3	40	6.2	J FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	4	0.88		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	4	1.5		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	40	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	4	1.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	67-66-3	Chloroform	2.2	ug/m3	4	1.4	J FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	4	1.1		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	8	2.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	40	6.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-69-4	Freon 11	2.8	ug/m3	4	1.4	J FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	76-13-1	Freon 113	600	ug/m3	4	1.4	FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	4	1.5		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	ug/m3	4	1.4	J FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	4	1.9		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	354-23-4	Freon 123a	94	ug/m3	0		TIC FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	4	1.9		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	4	1.4		8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	4	1.1		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	8	2.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	4	1.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	4	1.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	4	1.2		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	4	1.1		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	4	1.6		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	4	1.4		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	4	1.5		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	4	1.3		8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	79-01-6	Trichloroethene	65	ug/m3	4	1.1	FB	8
600-SGW-5-7.5	11/20/14	1411201020	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	4	1.4		8
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	23	9.9		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	23	6.3		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	230	9.5		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	67-63-0	2-Propanol	79	ug/m3	45	19	FB	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	67-64-1	Acetone	51	ug/m3	230	35	J FB	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	23	5		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	23	8.6		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	230	6.8		45.14

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	23	6.3		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	45	13		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	230	36		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-69-4	Freon 11	20	ug/m3	23	7.7	J FB	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	76-13-1	Freon 113	3800	ug/m3	23	7.7	FB	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	23	8.6		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	23	11		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	23	11		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	23	6.3		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	45	14		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	23	6.8		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	23	6.3		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	23	9		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	23	8.6		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	23	7.2		45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	79-01-6	Trichloroethene	7.5	ug/m3	23	6.3	J FB	45.14
600-SGW-5-7.5	10/09/14	1410091027	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	23	7.7		45.14
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	3.4	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.2	0.7		4.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.2	0.97		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2.2	0.62		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	22	0.92		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	67-63-0	2-Propanol	12	ug/m3	4.4	1.8	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	67-64-1	Acetone	17	ug/m3	22	3.4	J FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.2	0.48		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.2	0.84		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	22	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	67-66-3	Chloroform	3.3	ug/m3	2.2	0.75	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.2	0.62		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.4	1.3		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	22	3.5		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-69-4	Freon 11	4.1	ug/m3	2.2	0.75	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	76-13-1	Freon 113	290	ug/m3	2.2	0.75	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.2	0.84		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2.2	0.75	J FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.2	1.1		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	354-23-4	Freon 123a	65	ug/m3	0		TIC * FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.2	1.1	*	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.2	0.62		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4.4	1.3		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2.2	0.75		4.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2.2	0.66		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	6.1	ug/m3	2.2	0.62	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.2	0.88		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.2	0.84		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.2	0.7		4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	79-01-6	Trichloroethene	77	ug/m3	2.2	0.62	FB	4.4
600-SGW-5-7.5	07/30/14	1407300945	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.2	0.75		4.4
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	5.8	2.6		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	5.8	1.6		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	8.4	ug/m3	58	2.4	J TB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	12	4.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	67-64-1	Acetone	31	ug/m3	58	8.9	J TB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	5.8	1.3		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	5.8	2.2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	72	ug/m3	58	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	67-66-3	Chloroform	3	ug/m3	5.8	2	J FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	5.8	1.7		11.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	5.8	1.6		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	12	3.4		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	58	9.3		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-69-4	Freon 11	3.2	ug/m3	5.8	2	J FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	76-13-1	Freon 113	790	ug/m3	5.8	2	FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	5.8	2.2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	ug/m3	5.8	2	J FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	5.8	2.8		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	354-23-4	Freon 123a	200	ug/m3	0		TIC FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	5.8	2.8		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	5.8	1.6		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	12	3.5		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-09-2	Methylene Chloride	2.2	ug/m3	5.8	2	J FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	5.8	1.7		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	5.8	1.6		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	2.6	ug/m3	5.8	2.3	J FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	108-88-3	Toluene	6.1	ug/m3	5.8	2	FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	5.8	2.2		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	5.8	1.9		11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	79-01-6	Trichloroethene	82	ug/m3	5.8	1.6	FB	11.6
600-SGW-5-7.5	04/21/14	1404211320	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	5.8	2		11.6
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.8	0.78		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.8	0.49		3.53

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	18	0.74		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	67-63-0	2-Propanol	6.7	ug/m3	3.5	1.5	FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	67-64-1	Acetone	7.1	ug/m3	18	2.7	J FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.8	0.39		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1.8	0.67		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	18	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	67-66-3	Chloroform	2.2	ug/m3	1.8	0.6	FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.8	0.49		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3.5	1		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	18	2.8		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-69-4	Freon 11	5.6	ug/m3	1.8	0.6	FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	76-13-1	Freon 113	1100	ug/m3	18	6	D FB	35.25
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.8	0.67		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	ug/m3	1.8	0.6	FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1.8	0.85		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.8	0.85		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.8	0.49		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	3.5	1.1		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.8	0.53		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1.8	0.49		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.8	0.71		3.53

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	108-88-3	Toluene	1.7	ug/m3	1.8	0.6	J FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.8	0.67		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.8	0.56		3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	79-01-6	Trichloroethene	85	ug/m3	1.8	0.49	FB	3.53
600-SGW-5-7.5	01/29/14	1401290950	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.8	0.6		3.53
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	9.6	4.2		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	9.6	2.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	96	4		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	19	8.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	96	15		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	9.6	2.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	9.6	3.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	96	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	67-66-3	Chloroform	5.4	ug/m3	9.6	3.3	J FB	19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	9.6	2.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	19	5.6		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	9.6	3.1		19.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	96	15		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-69-4	Freon 11	5.3	ug/m3	9.6	3.3	J FB	19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	76-13-1	Freon 113	1900	ug/m3	9.6	3.3	FB	19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	9.6	3.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	9.6	4.6		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	354-23-4	Freon 123a	220	ug/m3	0		TIC FB	19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	9.6	4.6		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	9.6	2.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	19	5.8		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	9.6	2.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	9.6	2.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	9.6	3.9		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	9.6	3.7		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	9.6	3.1		19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	79-01-6	Trichloroethene	170	ug/m3	9.6	2.7	FB	19.25
600-SGW-5-7.5	11/13/13	1311131310	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	9.6	3.3		19.25
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0.72	ug/m3	1.9	0.57	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.9	0.84		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.9	0.54		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	17	ug/m3	19	0.8	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	591-78-6	2-Hexanone	1.9	ug/m3	1.9	0.61	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3.8	1.6		3.83

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0.68	ug/m3	1.9	0.61	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	67-64-1	Acetone	89	ug/m3	19	2.9	FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.9	0.42		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	74-83-9	Bromomethane	1.9	ug/m3	1.9	0.73	FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	2.1	ug/m3	19	0.57	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	74-87-3	Chloromethane	1.9	ug/m3	1.9	0.57	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.9	0.54		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3.8	1.1		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	64-17-5	Ethanol	5.6	ug/m3	19	3.1	J FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-69-4	Freon 11	2.7	ug/m3	1.9	0.65	A FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	76-13-1	Freon 113	61	ug/m3	1.9	0.65	FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.9	0.73		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	ug/m3	1.9	0.65	FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1.9	0.92		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	354-23-4	Freon 123a	7.3	ug/m3	0		TIC FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.9	0.92		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.9	0.54		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	3.8	1.1		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.9	0.57		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1.9	0.54		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.9	0.77		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1.9	0.65		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.9	0.73		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.9	0.61		3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	79-01-6	Trichloroethene	8.7	ug/m3	1.9	0.54	FB	3.83
600-SGW-5-7.5	07/16/13	1307160740	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.9	0.65		3.83

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.9	0.5		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.9	0.69		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.9	0.5		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	12	ug/m3	19	0.77	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	591-78-6	2-Hexanone	3.2	ug/m3	1.9	0.73	FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	67-63-0	2-Propanol	1.5	ug/m3	3.9	1.3	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0.63	ug/m3	1.9	0.62	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	67-64-1	Acetone	37	ug/m3	19	4.2	FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	19	0.5		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	67-66-3	Chloroform	0.63	ug/m3	1.9	0.54	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.9	0.5		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3.9	1		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	64-17-5	Ethanol	3.7	ug/m3	19	3.5	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-69-4	Freon 11	1.4	ug/m3	1.9	0.5	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	76-13-1	Freon 113	50	ug/m3	1.9	0.77	FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.9	0.54		3.85

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	ug/m3	1.9	0.54	FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1.9	0.92		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.9	0.92		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	142-82-5	Heptane	1.1	ug/m3	1.9	0.54	J FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	3.9	1.1		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.98	ug/m3	1.9	0.58	J RB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1.9	0.62		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.9	0.65		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1.9	0.46		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.9	1		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1.9	0.54		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.9	0.5		3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	79-01-6	Trichloroethene	17	ug/m3	1.9	0.54	FB	3.85
600-SGW-5-7.5	03/25/13	1303250821	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.9	0.58		3.85
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.1	0.54		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.1	0.74		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	3.5	ug/m3	2.1	0.62	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	1.1	ug/m3	2.1	0.62	J	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0.62	ug/m3	2.1	0.62	J	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.1	0.54		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	9.1	ug/m3	21	0.83	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	591-78-6	2-Hexanone	2	ug/m3	2.1	0.78	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4.1	1.4		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0.93	ug/m3	2.1	0.62	J	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	1.3	ug/m3	2.1	0.66	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	67-64-1	Acetone	31	ug/m3	21	4.5	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.1	0.62		4.13

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	3.6	ug/m3	21	0.54	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	67-66-3	Chloroform	2.2	ug/m3	2.1	0.58	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.1	0.54		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.1		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	21	3.8		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	1.9	ug/m3	2.1	0.62	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-69-4	Freon 11	6.5	ug/m3	2.1	0.54	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	76-13-1	Freon 113	570	ug/m3	21	8.3	D FB	41.25
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2.1	0.58	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.1	0.99		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	354-23-4	Freon 123a	95	ug/m3	0		TIC FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.1	0.95		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.1	0.66		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	8.3	ug/m3	4.1	1.2	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.1	0.58		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.78	ug/m3	2.1	0.62	J RB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	95-47-6	o-Xylene	3.3	ug/m3	2.1	0.66	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.1	0.7		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	100-42-5	Styrene	4.8	ug/m3	2.1	0.62	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0.56	ug/m3	2.1	0.5	J FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.1	1.1		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	108-88-3	Toluene	16	ug/m3	2.1	0.58	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.1	0.54		4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	79-01-6	Trichloroethene	53	ug/m3	2.1	0.58	FB	4.13
600-SGW-5-7.5	06/14/12	1206140950	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.1	0.62		4.13
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2.1	0.7		4.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.1	0.98		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.1	0.86		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.3	ug/m3	21	0.94	J FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4.1	1.6		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	67-64-1	Acetone	8	ug/m3	21	3.6	J FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	21	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	67-66-3	Chloroform	2.6	ug/m3	2.1	0.78	FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.4		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	21	6.6		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-69-4	Freon 11	2.4	ug/m3	2.1	0.66	FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	76-13-1	Freon 113	800	ug/m3	21	6.6	D FB	41
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2.1	0.74	FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.1	0.98		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	354-23-4	Freon 123a	96	ug/m3	0		TIC FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.1	0.94		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.1	0.66		4.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4.1	1.2		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.68	ug/m3	2.1	0.62	J RB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.1	0.9		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	79-01-6	Trichloroethene	83	ug/m3	2.1	0.62	FB	4.1
600-SGW-5-7.5	03/24/12	1203241416	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.97		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.97		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	12	5.6		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	12	4.5		23.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	12	4.9		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.85		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.85		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.1	ug/m3	20	0.93	J FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.6	ug/m3	20	0.93	J FB	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	120	5.4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	12	4.2		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2	0.72		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	591-78-6	2-Hexanone	1.1	ug/m3	2	0.73	J FB	4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4.1	1.6		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4	1.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	23	9.4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	67-64-1	Acetone	15	ug/m3	20	3.6	J FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	67-64-1	Acetone	6.4	ug/m3	20	3.5	J FB	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	120	21		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.61		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	12	4.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0.88	ug/m3	20	0.61	J FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	120	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	12	4.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	67-66-3	Chloroform	2.6	ug/m3	2	0.77	FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	12	4.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	12	4.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.73		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.72		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	12	4.2		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	23	7.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4	1.3		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.3		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	12	3.3		23.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	120	37		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20	6.4		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20	6.5		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-69-4	Freon 11	9.7	ug/m3	12	3.7	J FB	23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-69-4	Freon 11	1.3	ug/m3	2	0.64	J FB	4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-69-4	Freon 11	3.3	ug/m3	2	0.65	FB	4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	76-13-1	Freon 113	950	ug/m3	20	6.5	D FB	40.5
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	76-13-1	Freon 113	120	ug/m3	2	0.64	FB	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	76-13-1	Freon 113	2200	ug/m3	12	3.7	FB	23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2	0.73	FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-71-8	Freon 12	1.9	ug/m3	2	0.72	J FB	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	12	4.2		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	12	5.6		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.97		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.97		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	354-23-4	Freon 123a	110	ug/m3	0		TIC FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	354-23-4	Freon 123a	60	ug/m3	0		TIC FB	23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	12	5.4		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.93		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.93		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	12	4.2		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.72		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.73		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	23	6.8		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4	1.2		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4.1	1.2		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-09-2	Methylene Chloride	4.2	ug/m3	12	3.5	J FB	23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.79	ug/m3	2	0.6	J RB	4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.77	ug/m3	2	0.61	J RB	4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.61		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.6		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	12	3.5		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	12	3.3		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2	0.56		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2	0.57		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.89		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.89		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	12	5.2		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.69		4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.68		4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	12	4		23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	12	3.7		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.64		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.65		4.05
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	79-01-6	Trichloroethene	78	ug/m3	2	0.61	FB	4.05
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	79-01-6	Trichloroethene	30	ug/m3	2	0.6	FB	4.03
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	79-01-6	Trichloroethene	58	ug/m3	12	3.5	FB	23.43
600-SGW-5-7.5	03/23/12	1203231141	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	12	4.5		23.43
600-SGW-5-7.5	03/23/12	1203230926	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.76		4.03
600-SGW-5-7.5	03/23/12	1203231737	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.77		4.05
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	6.3	2.1		12.62

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	16	7.8		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	13	6.1		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	6.3	3		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2.1	0.98		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	6.3	2.4		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2.1	0.86		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	6.3	2.6		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	13	5.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	16	6.8		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	16	5.2		32.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	160	7.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	130	5.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.5	ug/m3	63	2.9	J FB	12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4	ug/m3	21	0.94	J FB	4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	6.3	2.3		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	13	4.6		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	16	5.8		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	32	13		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	25	10		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	13	5		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4.1	1.6		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	160	29		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	130	22		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	67-64-1	Acetone	24	ug/m3	63	11	J FB	12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	67-64-1	Acetone	15	ug/m3	21	3.6	J FB	4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2.1	0.66		4.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	6.3	2.4		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	7.3	ug/m3	160	4.9	J FB	32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	130	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	63	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0.82	ug/m3	21	0.62	J FB	4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	6.3	2.4		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	67-66-3	Chloroform	3.3	ug/m3	6.3	2.4	J FB	12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	67-66-3	Chloroform	2.6	ug/m3	2.1	0.78	FB	4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	6.3	2.4		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	16	5.8		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	13	4.6		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	6.3	2.3		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	13	3.8		25.38

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4.1	1.4		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	13	4.2		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	25	8.4		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	32	11		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	21	6.6		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	63	20		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	130	41		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	160	52		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-69-4	Freon 11	2.7	ug/m3	2.1	0.66	FB	4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-69-4	Freon 11	3	ug/m3	6.3	2	J FB	12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-69-4	Freon 11	6.3	ug/m3	13	4.1	J FB	25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-69-4	Freon 11	14	ug/m3	16	5.2	J FB	32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	76-13-1	Freon 113	3400	ug/m3	41	13	D FB	81
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	76-13-1	Freon 113	2300	ug/m3	13	4.1	FB	25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	76-13-1	Freon 113	1000	ug/m3	6.3	2	FB	12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	76-13-1	Freon 113	870	ug/m3	21	6.6	D FB	41
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	16	5.8		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	13	4.6		25.38
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	6.3	2.3		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-71-8	Freon 12	2	ug/m3	2.1	0.74	J FB	4.1
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2.1	0.98		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	6.3	3		12.62
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	13	6.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	16	7.8		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	354-23-4	Freon 123a	95	ug/m3	0		TIC FB	32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	354-23-4	Freon 123a	130	ug/m3	0		TIC FB	25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	NA	Freon 123a	120	ug/m3	0		TIC	4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	6.3	2.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2.1	0.94		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	13	5.8		25.38

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	16	7.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	6.3	2.3		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2.1	0.74		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	13	4.6		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	16	5.8		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	13	3.7		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4.1	1.2		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	25	7.4		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	32	9.4		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-09-2	Methylene Chloride	2.3	ug/m3	6.3	1.9	J FB	12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.7	ug/m3	2.1	0.62	J RB	4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5	ug/m3	13	3.8	J FB	25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5.2	ug/m3	16	4.9	J FB	32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	16	4.9		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	13	3.8		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2.1	0.62		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	6.3	1.9		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	6.3	1.8		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2.1	0.57		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	13	3.6		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	16	4.5		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	16	7.1		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	13	5.6		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.1	0.9		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	6.3	2.8		12.62

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	108-88-3	Toluene	8.2	ug/m3	13	4.1	J FB	25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	16	5.5		32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	13	4.3		25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2.1	0.7		4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	6.3	2.1		12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	6.3	2		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2.1	0.66		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	13	4.1		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	16	5.2		32.4
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	79-01-6	Trichloroethene	81	ug/m3	16	4.9	FB	32.4
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	79-01-6	Trichloroethene	95	ug/m3	13	3.8	FB	25.38
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	79-01-6	Trichloroethene	92	ug/m3	2.1	0.62	FB	4.1
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	79-01-6	Trichloroethene	110	ug/m3	6.3	1.9	FB	12.62
600-SGW-5-7.5	03/22/12	1203221400	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	6.3	2.4		12.62
600-SGW-5-7.5	03/22/12	1203221008	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2.1	0.78		4.1
600-SGW-5-7.5	03/22/12	1203221517	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	13	4.8		25.38
600-SGW-5-7.5	03/22/12	1203221651	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	16	6.2		32.4
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4.2	0.93		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	5.3	0.88		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4.2	0.72		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	3.1	0.63		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	3.1	0.64		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	4	ug/m3	23	3.3	J RB A	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	3.8	0.52		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0.97	ug/m3	6	0.81	J RB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4.6	0.92		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	3.1	0.55		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	3.6	0.53		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	3.8	0.44		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.7	1		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	1.1	ug/m3	4.6	0.67	J RB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	1.3	ug/m3	4.6	0.82	J RB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	11	1.9		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	3.6	0.32		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	9.1	1		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	13	1.6		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	7.6	0.82		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	9.7	2.7		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	3.8	0.59		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	3.2	0.56		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	67-64-1	Acetone	6.2	ug/m3	7.4	1.7	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0.61	ug/m3	4	0.6	J RB	1.55

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2.5	0.26		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	5.2	0.53		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	8	1.2		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	3	0.68		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	9.6	1.4		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	4.9	0.63		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	3.6	0.62		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	8.2	1.2		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	67-66-3	Chloroform	2.1	ug/m3	3.8	0.58	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	6.4	1.9		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	3.1	0.83		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	3.5	0.72		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	3.8	0.42		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2.7	0.57		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	6.6	0.83		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-43-4	Dichlorofluoromethane	0	ug/m3	13	3.3		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	5.8	1.1		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	3.4	0.62		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-69-4	Freon 11	1.8	ug/m3	4.4	1.2	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	76-13-1	Freon 113	200	ug/m3	5.9	1.4	FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	5.4	1.2		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	ug/m3	3.8	0.68	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	19	3.5		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	354-23-4	Freon 123a	15	ug/m3	97	3.6	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	3.2	0.37		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	33	5.2		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2.7	0.39		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	3.4	0.76		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2.8	0.33		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-09-2	Methylene Chloride	2.2	ug/m3	2.7	0.28	J FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	3.4	0.34		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	3.8	0.35		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	3.3	0.52		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	5.2	1		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2.3	0.48		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2.9	0.39		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	3.1	1.1		1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0.64	ug/m3	3.5	0.57	J RB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	79-01-6	Trichloroethene	57	ug/m3	4.2	0.8	FB	1.55
600-SGW-5-7.5	11/03/11	1111031015	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.33		1.55
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.27		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.2	UG/M3	2	0.31	J	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4.03

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.27		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	20	0.44		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.27		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4	0.89		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	20	4.8		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	71-43-2	Benzene	0.94	UG/M3	2	0.31	J FB	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.64		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.29		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.27		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	67-66-3	Chloroform	36	UG/M3	2	0.29		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.35		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	20	1.5		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-69-4	Freon 11	6.8	UG/M3	2	0.33	FB	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	76-13-1	Freon 113	1700	UG/M3	20	3.1	D	40.25
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-71-8	Freon 12	1.9	UG/M3	2	0.35	J FB	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.97		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	354-23-4	Freon 123a	590	UG/M3	0		TIC	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.97		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4.03

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4	0.56		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.6		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.35		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.4	UG/M3	2	0.28	J	4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.27		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	2	0.26		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4.03
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	79-01-6	Trichloroethene	700	UG/M3	20	2.9	D	40.25
600-SGW-5-52.5	01/25/23	2301251038	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4.03
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1.8	0.24		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.8	0.27		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.8	0.19		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0.9	UG/M3	1.8	0.28	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	1.8	0.27		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.8	0.47		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0.48	UG/M3	1.8	0.27	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.8	0.22		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	1.8	0.21		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	1.7	UG/M3	1.8	0.24	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	1.8	0.32		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.8	0.29		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.8	0.3		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	1.8	0.23		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.8	0.29		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	8.2	UG/M3	18	0.4	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	1.8	0.24		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	67-63-0	2-Propanol	130	UG/M3	3.6	0.79		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	1.8	0.26		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	1.8	0.31		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0.63	UG/M3	1.8	0.26	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	67-64-1	Acetone	31	UG/M3	18	4.3		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.8	0.43		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	71-43-2	Benzene	3.3	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	1.8	0.4		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	1.8	0.27		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	18	0.58		3.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	1.8	0.27		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	1.8	0.26		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	1.8	0.24		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	67-66-3	Chloroform	28	UG/M3	1.8	0.26		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	74-87-3	Chloromethane	0.35	UG/M3	1.8	0.31	J FB	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.8	0.27		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.8	0.3		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	110-82-7	Cyclohexane	2.9	UG/M3	3.6	0.54	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	1.8	0.25		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	64-17-5	Ethanol	48	UG/M3	18	1.3		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	100-41-4	Ethyl Benzene	1.4	UG/M3	1.8	0.27	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-69-4	Freon 11	4.9	UG/M3	1.8	0.29	FB	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	76-13-1	Freon 113	1500	UG/M3	18	2.7	D	36
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	1.8	0.3		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-71-8	Freon 12	2.1	UG/M3	1.8	0.31	FB	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	1.8	0.86		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	354-23-4	Freon 123a	31	UG/M3	0		TIC	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	1.8	0.86		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	142-82-5	Heptane	3	UG/M3	1.8	0.31		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	1.8	0.4		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	110-54-3	Hexane	0.96	UG/M3	1.8	0.4	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	179601-23-1	m,p-Xylene	3.8	UG/M3	3.6	0.5		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.8	0.23		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-09-2	Methylene Chloride	0.72	UG/M3	1.8	0.54	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	95-47-6	o-Xylene	1.7	UG/M3	1.8	0.28	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	1.8	0.28		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	100-42-5	Styrene	3.2	UG/M3	1.8	0.31		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.5	UG/M3	1.8	0.25		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0.6	UG/M3	1.8	0.24	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	108-88-3	Toluene	36	UG/M3	1.8	0.23		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0.28	UG/M3	1.8	0.27	J	3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.8	0.4		3.6
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	79-01-6	Trichloroethene	530	UG/M3	18	2.6	D	36
600-SGW-5-52.5	10/25/22	2210250916	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	1.8	0.21		3.6
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	17	1.9		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	17	4.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	17	2.2		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	17	2.1		34.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	17	3.1		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	17	2.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	17	2.9		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	17	2.2		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	17	2.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.9	UG/M3	170	3.8	J FB	34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	35	7.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	17	2.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	17	3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	17	2.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	170	42		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	17	4.2		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	17	3.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	170	5.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	17	2.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	67-66-3	Chloroform	56	UG/M3	17	2.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	17	3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	17	2.9		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	35	5.2		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	17	2.4		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	170	13		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-69-4	Freon 11	10	UG/M3	17	2.8	J FB	34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	76-13-1	Freon 113	2800	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	17	2.9		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-71-8	Freon 12	3	UG/M3	17	3	J FB	34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	17	8.4		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	354-23-4	Freon 123a	1000	UG/M3	0		TIC	34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	17	8.4		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	17	3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	17	3.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	17	3.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	35	4.9		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	17	2.2		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	17	5.2		34.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	17	2.7		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	17	3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	17	2.4		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	17	2.3		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	17	2.6		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	17	3.8		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	79-01-6	Trichloroethene	880	UG/M3	17	2.5		34.8
600-SGW-5-52.5	07/26/22	2207261026	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	17	2		34.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	11	1.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	11	1.2		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.3	UG/M3	11	1.8	J	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	11	3		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	11	1.4		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	11	1.3		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	11	1.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	11	2		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	11	1.9		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	11	1.4		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5.3	UG/M3	110	2.5	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	11	1.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	67-63-0	2-Propanol	11	UG/M3	23	5	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	11	1.6		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	11	1.9		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	110	27		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	11	2.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	11	2.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	110	3.6		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	11	1.6		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	11	1.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	67-66-3	Chloroform	50	UG/M3	11	1.6	FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	11	2		22.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	11	1.9		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	23	3.4		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	11	1.6		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	64-17-5	Ethanol	34	UG/M3	110	8.4	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-69-4	Freon 11	14	UG/M3	11	1.8	FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	76-13-1	Freon 113	4300	UG/M3	46	6.9	D FB	91
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	11	1.9		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-71-8	Freon 12	2.8	UG/M3	11	2	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	11	5.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	354-23-4	Freon 123a	600	UG/M3	0		TIC FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	11	5.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	11	1.9		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	11	2.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	11	2.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	23	3.2		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	11	1.4		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-09-2	Methylene Chloride	3.6	UG/M3	11	3.4	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	11	1.8		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	11	2		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	11	1.6		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	11	1.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	108-88-3	Toluene	10	UG/M3	11	1.5	J FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	11	1.7		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	11	2.5		22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	79-01-6	Trichloroethene	830	UG/M3	11	1.6	FB	22.8
600-SGW-5-52.5	04/20/22	2204200959	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	11	1.3		22.8
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	4.4	0.58		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	4.4	0.47		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.2	UG/M3	4.4	0.68	J	8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	4.4	1.1		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	4.4	0.54		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	4.4	0.69		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	4.4	0.52		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	4.4	0.58		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	4.4	0.77		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	4.4	0.7		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	4.4	0.72		8.75

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	4.4	0.55		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	4.4	0.7		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	44	0.96		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	4.4	0.58		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	8.8	1.9		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	4.4	0.63		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	4.4	0.74		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	4.4	0.64		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	44	11		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	4.4	1.1		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	4.4	0.96		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	44	1.4		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	4.4	0.62		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	4.4	0.58		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	67-66-3	Chloroform	38	UG/M3	4.4	0.62		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	4.4	0.75		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	4.4	0.66		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	4.4	0.73		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	8.8	1.3		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	4.4	0.61		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	44	3.2		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	4.4	0.66		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-69-4	Freon 11	6.4	UG/M3	4.4	0.71	FB	8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	76-13-1	Freon 113	1900	UG/M3	22	3.3		43.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	4.4	0.74		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-71-8	Freon 12	2.5	UG/M3	4.4	0.76	J FB	8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	4.4	2.1		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	354-23-4	Freon 123a	660	UG/M3	0		TIC	8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	4.4	2.1		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	4.4	0.74		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	4.4	0.96		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	4.4	0.96		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	8.8	1.2		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	4.4	0.55		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	4.4	1.3		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	4.4	0.67		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	4.4	0.75		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.86	UG/M3	4.4	0.6	J	8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	4.4	0.59		8.75

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	4.4	0.57		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	4.4	0.65		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	4.4	0.96		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	79-01-6	Trichloroethene	780	UG/M3	4.4	0.63		8.75
600-SGW-5-52.5	01/19/22	2201191013	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	4.4	0.5		8.75
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.23	A	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.1	UG/M3	2.1	0.33	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.55		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.25		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.37		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.34		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.35		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.27		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.34		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.2	UG/M3	21	0.46	J FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	591-78-6	2-Hexanone	0.4	UG/M3	2.1	0.28	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	67-63-0	2-Propanol	66	UG/M3	4.2	0.93		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.36		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	67-64-1	Acetone	25	UG/M3	21	5.1	FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.51		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	71-43-2	Benzene	0.96	UG/M3	2.1	0.33	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.46		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-15-0	Carbon Disulfide	1.8	UG/M3	21	0.68	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.3		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.28		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	67-66-3	Chloroform	35	UG/M3	2.1	0.3		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.36		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.32		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.35		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.2	0.63		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.3		4.23

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	64-17-5	Ethanol	19	UG/M3	21	1.6	J FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.32		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-69-4	Freon 11	5.8	UG/M3	2.1	0.34	FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	76-13-1	Freon 113	1700	UG/M3	21	3.2	D	42.3
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2.1	0.37	FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	1		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	354-23-4	Freon 123a	120	UG/M3	0		TIC	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	1		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	142-82-5	Heptane	0.4	UG/M3	2.1	0.36	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.46		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.46		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.2	0.59		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.27		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.63		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.33		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.36		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.1	UG/M3	2.1	0.29	J	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	2.8	UG/M3	2.1	0.28	FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	108-88-3	Toluene	4.7	UG/M3	2.1	0.27	FB	4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.46		4.23
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	79-01-6	Trichloroethene	570	UG/M3	21	3	D	42.3
600-SGW-5-52.5	10/21/21	2110211031	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.23
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.36	UG/M3	2.3	0.31	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.3	0.25		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.1	UG/M3	2.3	0.36	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.3	0.6		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.3	0.29		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.3	0.37		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.3	0.27		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.3	0.31		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.3	0.36		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.3	0.41		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.3	0.37		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.3	0.38		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.3	0.29		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.3	0.37		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.6	UG/M3	23	0.51	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	591-78-6	2-Hexanone	0.42	UG/M3	2.3	0.31	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.7	1		4.65

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.3	0.33		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.3	0.4		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	67-64-1	Acetone	9.5	UG/M3	23	5.6	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.3	0.56		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	71-43-2	Benzene	0.59	UG/M3	2.3	0.36	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.3	0.36		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.3	0.51		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-15-0	Carbon Disulfide	34	UG/M3	23	0.74		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.3	0.33		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.3	0.31		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	67-66-3	Chloroform	61	UG/M3	2.3	0.33		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.3	0.4		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.3	0.35		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.3	0.39		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.3	0.36		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.7	0.7		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.3	0.33		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	64-17-5	Ethanol	2.3	UG/M3	23	1.7	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.3	0.35		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-69-4	Freon 11	9.8	UG/M3	2.3	0.38		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	76-13-1	Freon 113	2700	UG/M3	23	3.5	D	46.5
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.3	0.39		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-71-8	Freon 12	2.8	UG/M3	2.3	0.4		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.3	1.1		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	354-23-4	Freon 123a	570	UG/M3	0		TIC	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.3	1.1		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.3	0.4		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.3	0.51		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.3	0.51		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.7	0.65		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.3	0.29		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.1	UG/M3	2.3	0.7	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.3	0.36		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.3	0.36		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.3	0.4		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.5	UG/M3	2.3	0.32	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	21	UG/M3	2.3	0.31		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	108-88-3	Toluene	2.3	UG/M3	2.3	0.3	J	4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.3	0.34		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.3	0.51		4.65
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	79-01-6	Trichloroethene	910	UG/M3	23	3.3	D	46.5
600-SGW-5-52.5	07/27/21	2107270809	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.3	0.27		4.65

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	14	1.5		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	14	3.6		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	14	1.7		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	14	2.2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	14	1.6		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	14	2.4		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	14	2.2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	14	2.2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	14	1.7		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	14	2.2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	140	3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	27	6		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	14	2.3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	140	33		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	14	3.3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	14	3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-15-0	Carbon Disulfide	32	UG/M3	140	4.4	J	27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	14	1.9		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	67-66-3	Chloroform	56	UG/M3	14	1.9		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	14	2.4		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	14	2.3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	27	4.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	14	1.9		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	140	10		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-69-4	Freon 11	8.3	UG/M3	14	2.2	J	27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	76-13-1	Freon 113	2600	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	14	2.3		27.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-71-8	Freon 12	2.5	UG/M3	14	2.4	J	27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	14	6.6		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	354-23-4	Freon 123a	86	UG/M3	0		TIC	27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	14	6.6		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	14	2.3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	14	3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	14	3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	27	3.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	14	1.7	A	27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	14	4.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	14	2.1		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	14	2.4		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	14	1.9		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	14	1.8		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	14	3		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	79-01-6	Trichloroethene	960	UG/M3	14	2		27.3
600-SGW-5-52.5	04/27/21	2104271000	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	14	1.6		27.3
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.3	UG/M3	2	0.26	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.46	UG/M3	20	0.44	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4	0.88		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	67-64-1	Acetone	5.4	UG/M3	20	4.8	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	71-43-2	Benzene	0.36	UG/M3	2	0.31	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.64		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	67-66-3	Chloroform	56	UG/M3	2	0.28		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	20	1.5		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-69-4	Freon 11	8.5	UG/M3	2	0.32		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	76-13-1	Freon 113	2100	UG/M3	32	4.9	D	64
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	2	0.35		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	306-83-2	Freon 123	1.5	UG/M3	2	0.96	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	354-23-4	Freon 123a	820	UG/M3	0		TIC	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.96		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4	0.56		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.6		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.5	UG/M3	2	0.28	J	4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.27		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	79-01-6	Trichloroethene	680	UG/M3	32	4.6	D	64
600-SGW-5-52.5	01/19/21	2101191045	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	4.5	0.59		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	4.5	0.66		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	4.5	0.48		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.9	UG/M3	4.5	0.7	J	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	4.5	0.66		8.94

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	4.5	1.2		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	4.5	0.66		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	4.5	0.55		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	4.5	0.71		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	4.5	0.53		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	4.5	0.59		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	4.5	0.79		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	4.5	0.72		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	4.5	0.73		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	4.5	0.56		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	4.5	0.72		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	9.7	UG/M3	45	0.98	J	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	4.5	0.59		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	8.9	2		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	4.5	0.64		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	4.5	0.76		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	4.5	0.65		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	45	11		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	4.5	1.1		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	4.5	0.98		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	4.5	0.66		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-15-0	Carbon Disulfide	26	UG/M3	45	1.4	J	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	4.5	0.66		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	4.5	0.64		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	4.5	0.59		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	67-66-3	Chloroform	61	UG/M3	4.5	0.64		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	4.5	0.77		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	4.5	0.67		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	4.5	0.74		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	8.9	1.3		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	4.5	0.63		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	64-17-5	Ethanol	4.8	UG/M3	45	3.3	J RB	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	4.5	0.67		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-69-4	Freon 11	9.7	UG/M3	4.5	0.72		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	76-13-1	Freon 113	2500	UG/M3	27	4.1	D	53.7
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	4.5	0.75		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	4.5	0.78	J	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	4.5	2.1		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	354-23-4	Freon 123a	650	UG/M3	0		TIC	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	4.5	2.1		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	4.5	0.76		8.94

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	4.5	0.98		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	4.5	0.98		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	8.9	1.3		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	4.5	0.56		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	4.5	1.3		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	4.5	0.69		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	4.5	0.77		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.3	UG/M3	4.5	0.62	J	8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	4.5	0.6		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	4.5	0.58		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	4.5	0.66		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	4.5	0.98		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	79-01-6	Trichloroethene	890	UG/M3	4.5	0.64		8.94
600-SGW-5-52.5	10/29/20	2010291036	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	4.5	0.51		8.94
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.9	0.38		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.9	0.31		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.8	UG/M3	2.9	0.45	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.9	0.75		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.9	0.36		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.9	0.46		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.9	0.34		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.9	0.38		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.9	0.45		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.9	0.51		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.9	0.46		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.9	0.48		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.9	0.37		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.9	0.46		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.6	UG/M3	29	0.64	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.9	0.38		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	67-63-0	2-Propanol	6	UG/M3	5.8	1.3		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.9	0.42		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.9	0.49		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.9	0.42		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	67-64-1	Acetone	24	UG/M3	29	7	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.9	0.7		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	71-43-2	Benzene	0.57	UG/M3	2.9	0.45	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.9	0.45		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.9	0.64		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-15-0	Carbon Disulfide	2.8	UG/M3	29	0.93	J RB	5.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.9	0.41		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.9	0.38		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	67-66-3	Chloroform	49	UG/M3	2.9	0.41		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.9	0.5		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.9	0.44		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.9	0.48		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.9	0.45		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	5.8	0.87		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.9	0.41		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	64-17-5	Ethanol	28	UG/M3	29	2.1	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.9	0.44		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-69-4	Freon 11	8.2	UG/M3	2.9	0.47		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	76-13-1	Freon 113	2400	UG/M3	29	4.4	D	58
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.9	0.49		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-71-8	Freon 12	2.5	UG/M3	2.9	0.5	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	306-83-2	Freon 123	1.4	UG/M3	2.9	1.4	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	354-23-4	Freon 123a	440	UG/M3	0		TIC	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.9	1.4		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	142-82-5	Heptane	2.6	UG/M3	2.9	0.49	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.9	0.64		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	110-54-3	Hexane	4.2	UG/M3	2.9	0.64		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	5.8	0.81		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.9	0.37		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.3	UG/M3	2.9	0.87	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.9	0.45		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.9	0.45		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.9	0.5		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.5	UG/M3	2.9	0.4	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	1.5	UG/M3	2.9	0.39	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	108-88-3	Toluene	1.9	UG/M3	2.9	0.38	J	5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.9	0.43		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.9	0.64		5.8
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	79-01-6	Trichloroethene	800	UG/M3	29	4.2	D	58
600-SGW-5-52.5	07/22/20	2007220747	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.9	0.33		5.8
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	20	2.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	20	2.2		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	20	5.2		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	20	2.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	20	3.2		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	20	2.4		40.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	20	2.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	20	3.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	20	3.2		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	20	3.3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	20	2.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	20	3.2		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	200	4.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	20	2.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	40	8.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	20	2.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	20	3.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	20	2.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	200	48		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	20	4.8		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	20	4.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	200	6.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	20	2.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	20	2.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	67-66-3	Chloroform	54	UG/M3	20	2.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	20	3.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	20	3.3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	40	6		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	20	2.8		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	64-17-5	Ethanol	29	UG/M3	200	15	J	40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-69-4	Freon 11	8.3	UG/M3	20	3.3	J	40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	76-13-1	Freon 113	2900	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	20	3.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	20	3.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	20	9.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	354-23-4	Freon 123a	700	UG/M3	0		TIC	40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	20	9.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	20	3.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	20	4.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	20	4.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	40	5.6		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	20	2.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	20	6		40.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	20	3.1		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	20	3.5		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	20	2.8		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	20	2.7		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	20	2.6		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	20	3		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	20	4.4		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	79-01-6	Trichloroethene	1000	UG/M3	20	2.9		40.25
600-SGW-5-52.5	04/27/20	2004271018	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	20	2.3		40.25
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.35	UG/M3	2	0.26	J	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.1	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	20	0.44		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4	0.88		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	20	4.8		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	71-43-2	Benzene	0.37	UG/M3	2	0.31	J	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.64		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	67-66-3	Chloroform	58	UG/M3	2	0.28		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	20	1.5		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-69-4	Freon 11	9.5	UG/M3	2	0.32		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	76-13-1	Freon 113	2600	UG/M3	32	4.9	D	64
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-71-8	Freon 12	2.2	UG/M3	2	0.35		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	306-83-2	Freon 123	1.9	UG/M3	2	0.96	J	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	354-23-4	Freon 123a	860	UG/M3	0		TIC	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.96		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4	0.56		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.6		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.34		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.8	UG/M3	2	0.28	J	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.27		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	108-88-3	Toluene	0.5	UG/M3	2	0.26	J	4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	79-01-6	Trichloroethene	900	UG/M3	32	4.6	D	64
600-SGW-5-52.5	01/17/20	2001171016	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	17	2.3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	17	1.9		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	17	4.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	17	2.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	17	2.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	17	2.1		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	17	2.3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	17	3.1		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	17	2.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	17	2.9		34.89

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	17	2.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	17	2.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	170	3.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	17	2.3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	35	7.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	17	2.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	17	3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	17	2.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	170	42		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	17	4.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	17	3.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	170	5.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	17	2.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	17	2.3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	67-66-3	Chloroform	70	UG/M3	17	2.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	17	3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	17	2.9		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	35	5.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	17	2.4		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	170	13		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-69-4	Freon 11	11	UG/M3	17	2.8	J	34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	76-13-1	Freon 113	3200	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	17	2.9		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	17	3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	17	8.4		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	354-23-4	Freon 123a	760	UG/M3	0		TIC	34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	17	8.4		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	17	3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	17	3.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	17	3.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	35	4.9		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	17	2.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	17	5.2		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	17	2.7		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	17	3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	17	2.4		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	17	2.3		34.89

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	17	2.3		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	17	2.6		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	17	3.8		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	17	2.5		34.89
600-SGW-5-52.5	10/30/19	1910301010	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	17	2		34.89
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.4	UG/M3	2.1	0.28	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.23		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.2	UG/M3	2.1	0.33		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.54		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.25		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.28		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.32		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.37		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.33		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.34		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.26		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.33		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.46	UG/M3	21	0.46	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2.1	0.28		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.2	0.92		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.35		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.3		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	21	5		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.5		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	71-43-2	Benzene	0.49	UG/M3	2.1	0.32	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.32		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.46		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	21	0.67		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.3		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.28		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	67-66-3	Chloroform	62	UG/M3	2.1	0.3		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.36		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.35		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.32		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.2	0.63		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.29		4.18

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	21	1.5		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.31		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-69-4	Freon 11	9.1	UG/M3	2.1	0.34		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	76-13-1	Freon 113	2900	UG/M3	42	6.3	D	83.5
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-71-8	Freon 12	2.2	UG/M3	2.1	0.36		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	1		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	354-23-4	Freon 123a	680	UG/M3	0		TIC	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	1		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.1	0.35		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.46		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.46		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.2	0.58		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.26		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2.1	0.63		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.32		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.32		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.36		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.8	UG/M3	2.1	0.29	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.1	0.28		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	108-88-3	Toluene	0.37	UG/M3	2.1	0.27	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	1.3	UG/M3	2.1	0.31	J	4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.46		4.18
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	79-01-6	Trichloroethene	940	UG/M3	42	6	D	83.5
600-SGW-5-52.5	07/23/19	1907230835	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.18
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.36	UG/M3	2	0.27	J	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.3	UG/M3	2	0.32		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.53		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.27		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.36		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.26		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.96	UG/M3	20	0.45	J	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.27		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.1	0.89		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	20	4.9		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.49		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	71-43-2	Benzene	0.32	UG/M3	2	0.31	J	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.45		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.65		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.29		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.27		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	67-66-3	Chloroform	57	UG/M3	2	0.29		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.35		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.34		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.61		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	20	1.5		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-69-4	Freon 11	8.9	UG/M3	2	0.33		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	76-13-1	Freon 113	2700	UG/M3	41	6.2	D	81
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-71-8	Freon 12	2	UG/M3	2	0.35		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	306-83-2	Freon 123	1.9	UG/M3	2	0.97	J	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	354-23-4	Freon 123a	810	UG/M3	0		TIC	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.97		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.45		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.45		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.1	0.57		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.26		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	2	0.61		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.35		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.9	UG/M3	2	0.28		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.27		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	108-88-3	Toluene	0.41	UG/M3	2	0.26	J	4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.45		4.05
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	79-01-6	Trichloroethene	860	UG/M3	41	5.8	D	81
600-SGW-5-52.5	05/02/19	1905020910	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	8.7	0.93		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	2.2	UG/M3	8.7	1.3	J	17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	8.7	2.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	8.7	1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	8.7	1.5		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	87	1.9		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	17	3.8		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	8.7	1.5		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	87	21		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	8.7	2.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	8.7	1.9		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	87	2.8		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	67-66-3	Chloroform	68	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	8.7	1.5		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	17	2.6		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	87	6.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-69-4	Freon 11	11	UG/M3	8.7	1.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	76-13-1	Freon 113	3400	UG/M3	35	5.3	D	69.2
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	8.7	1.5		17.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	UG/M3	8.7	1.5	J	17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	8.7	4.2	*	17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	354-23-4	Freon 123a	690	UG/M3	0	0	TIC	17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	8.7	4.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	8.7	1.5		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	8.7	1.9		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	8.7	1.9		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	17	2.4		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	8.7	2.6		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	8.7	1.5		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	1.3	UG/M3	8.7	1.2	J	17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	8.7	1.1		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	8.7	1.3		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	8.7	1.9		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	79-01-6	Trichloroethene	1200	UG/M3	8.7	1.2		17.3
600-SGW-5-52.5	01/28/19	1901280851	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	8.7	0.99		17.3
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	18	2.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	18	1.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	18	2.8		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	18	4.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	18	2.2		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	18	2.8		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	18	2.1		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	18	2.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	18	3.1		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	18	2.8		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	18	2.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	18	2.2		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	18	2.8		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	180	3.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	18	2.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	35	7.8		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	18	2.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	18	3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	180	42		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	18	4.2		35.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	18	3.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	180	5.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	18	2.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	18	2.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	67-66-3	Chloroform	65	UG/M3	18	2.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	18	3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	18	2.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	35	5.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	18	2.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	180	13		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-69-4	Freon 11	9.6	UG/M3	18	2.9	J	35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	76-13-1	Freon 113	3800	UG/M3	40	6	D	79.5
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	18	3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	18	3.1		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	18	8.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	18	8.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	18	3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	18	3.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	18	3.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	35	4.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	18	2.2		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	18	5.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	18	2.7		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	18	3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	18	2.4		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	18	2.4		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	18	2.3		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	18	2.6		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	18	3.9		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	79-01-6	Trichloroethene	1300	UG/M3	18	2.5		35.33
600-SGW-5-52.5	10/24/18	1810240857	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	18	2		35.33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	17	2.2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	17	1.8		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	17	2.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	17	2.4		33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	17	4.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	17	2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	17	2.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	17	1.9		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	17	2.2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	17	2.9		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	17	2.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	17	2.7		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	17	2.1		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	17	2.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	16	UG/M3	170	3.6	J FB	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	17	2.2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	33	7.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	17	2.8		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	67-64-1	Acetone	73	UG/M3	170	40	J FB	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	17	4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	17	3.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	180	UG/M3	170	5.3	FB	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	17	2.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	17	2.2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	67-66-3	Chloroform	59	UG/M3	17	2.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	17	2.8		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	17	2.7		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	33	5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	17	2.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	64-17-5	Ethanol	24	UG/M3	170	12	J FB	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	2.5	UG/M3	17	2.5	J	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-69-4	Freon 11	9.4	UG/M3	17	2.7	J	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	76-13-1	Freon 113	3500	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	17	2.8		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	17	2.9		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	17	7.9		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	354-23-4	Freon 123a	750	UG/M3	0		TIC	33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	17	7.9		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	17	2.8		33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	17	3.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	17	3.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	33	4.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	17	2.1		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	17	5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	17	2.5		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	17	2.8		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	17	2.3		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	17	2.2		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	17	2.1		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	17	3.6		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	79-01-6	Trichloroethene	1200	UG/M3	17	2.4		33
600-SGW-5-52.5	08/15/18	1808151015	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	17	1.9		33
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0.74	UG/M3	1.9	0.65	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0.66	UG/M3	1.9	0.62	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	3.3	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	4.9	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	2.4	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	1.2	UG/M3	1.9	0.62	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.85		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	55	UG/M3	19	0.81	FB	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	67-63-0	2-Propanol	57	UG/M3	3.9	1.6		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	1.1	UG/M3	1.9	0.62	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	50	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	67-64-1	Acetone	120	UG/M3	19	3	FB	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.42		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	71-43-2	Benzene	3.9	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	1.9	0.73		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	25	UG/M3	19	0.58	FB	3.85

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	67-66-3	Chloroform	11	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	74-87-3	Chloromethane	1	UG/M3	1.9	0.58	J FB	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	98-82-8	Cumene	0.77	UG/M3	1.9	0.58	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	110-82-7	Cyclohexane	5.6	UG/M3	3.9	1.1		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	64-17-5	Ethanol	380	UG/M3	19	3.1		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	19	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-69-4	Freon 11	2.9	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	76-13-1	Freon 113	620	UG/M3	19	6.5	D	38.5
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	1.9	0.73		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	1.9	0.92		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	354-23-4	Freon 123a	130	UG/M3	0		TIC	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	1.9	0.92		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	142-82-5	Heptane	4.1	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.54		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	110-54-3	Hexane	6.1	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	58	UG/M3	3.9	1.2		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-09-2	Methylene Chloride	9.7	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	95-47-6	o-Xylene	19	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	103-65-1	Propylbenzene	0.97	UG/M3	1.9	0.62	J	3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	100-42-5	Styrene	13	UG/M3	1.9	0.58		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.3	UG/M3	1.9	0.54		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	9.3	UG/M3	1.9	0.77		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	108-88-3	Toluene	180	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.73		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.62		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	79-01-6	Trichloroethene	190	UG/M3	1.9	0.54		3.85
600-SGW-5-52.5	04/27/18	1804271017	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.65		3.85
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	UG/M3	15	5.1		30.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	25	11		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	UG/M3	15	6.6		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	25	7		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	UG/M3	15	4.2		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	150	6.3		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	250	11		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	UG/M3	30	13		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	50	21		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	67-64-1	Acetone	0	UG/M3	150	23		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	250	39		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	25	5.5		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	UG/M3	15	3.3		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	71-43-2	Benzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	UG/M3	15	4.5		30.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	25	9.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	UG/M3	15	5.7		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	UG/M3	150	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	250	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	67-66-3	Chloroform	69	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	67-66-3	Chloroform	70	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	25	7		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	15	4.2		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	98-82-8	Cumene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	50	15		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	UG/M3	30	8.8		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	250	40		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	UG/M3	150	24		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-69-4	Freon 11	11	UG/M3	25	8.6	J	50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-69-4	Freon 11	10	UG/M3	15	5.1	J	30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	76-13-1	Freon 113	4300	UG/M3	38	13	D	75.5
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	76-13-1	Freon 113	4500	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	25	9.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	UG/M3	15	5.7		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	25	12		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	UG/M3	15	7.2		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	354-23-4	Freon 123a	720	UG/M3	0		TIC	30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	354-23-4	Freon 123a	730	UG/M3	0		TIC	50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	UG/M3	15	7.2		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	25	12		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	142-82-5	Heptane	0	UG/M3	15	5.1		30.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	UG/M3	15	4.2		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	25	7		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	110-54-3	Hexane	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	UG/M3	30	9.1		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	50	15		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	5.6	UG/M3	15	5.1	J RB	30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-09-2	Methylene Chloride	24	UG/M3	25	8.6	J	50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	25	7.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	100-42-5	Styrene	0	UG/M3	15	4.5		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	UG/M3	15	4.2		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	25	7		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	25	10		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	UG/M3	15	6		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	108-88-3	Toluene	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	25	9.6		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	15	5.7		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	15	4.8		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	25	8.1		50.33
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	79-01-6	Trichloroethene	1400	UG/M3	25	7		50.33
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1400	UG/M3	15	4.2		30.2
600-SGW-5-52.5	03/06/18	1803060823	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	UG/M3	15	5.1		30.2
600-SGW-5-52.5	03/06/18	1803060819	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	25	8.6		50.33
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	3	UG/M3	8.1	2.6	J	16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	8.1	3.5		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	8.1	2.3		16.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	81	3.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	16	6.8		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	81	12		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	8.1	1.8		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	8.1	3.1		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	81	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	67-66-3	Chloroform	73	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	8.1	2.3		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	16	4.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	81	13		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-69-4	Freon 11	12	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	76-13-1	Freon 113	5300	UG/M3	32	11	D	64.4
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	8.1	3.1		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	8.1	3.9		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	354-23-4	Freon 123a	650	UG/M3	0		TIC	16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	8.1	3.9		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	8.1	2.3		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	16	4.8		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	8.1	2.4		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	3.1	UG/M3	8.1	2.3	J	16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	8.1	3.2		16.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	8.1	3.1		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	8.1	2.6		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	79-01-6	Trichloroethene	1300	UG/M3	8.1	2.3		16.1
600-SGW-5-52.5	10/27/17	1710271036	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	8.1	2.7		16.1
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	UG/M3	41	18		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	40	18		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	40	11		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	UG/M3	41	11		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	410	17		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	28	UG/M3	400	17	J FB	80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	UG/M3	82	34		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	81	34		80.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	67-64-1	Acetone	0	UG/M3	410	63		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	67-64-1	Acetone	520	UG/M3	400	62	FB	80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	40	8.9		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	UG/M3	41	9		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	71-43-2	Benzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	40	15		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	UG/M3	41	16		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	UG/M3	410	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	400	12		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	67-66-3	Chloroform	80	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	67-66-3	Chloroform	66	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	40	11		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	41	11		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	98-82-8	Cumene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	81	23		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	UG/M3	82	24		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	400	64		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	UG/M3	410	66		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-69-4	Freon 11	240	UG/M3	40	14	QD	80.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-69-4	Freon 11	52	UG/M3	41	14	QD	82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	76-13-1	Freon 113	5400	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	76-13-1	Freon 113	5000	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	40	15		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	UG/M3	41	16		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	40	19		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	UG/M3	41	20		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	354-23-4	Freon 123a	920	UG/M3	0		TIC	82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	UG/M3	41	20		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	40	19		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	142-82-5	Heptane	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	UG/M3	41	11		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	40	11		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	110-54-3	Hexane	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	UG/M3	82	25		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	81	24		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	40	12		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	100-42-5	Styrene	0	UG/M3	41	12		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	UG/M3	41	11		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	40	11		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	40	16		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	UG/M3	41	16		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	108-88-3	Toluene	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	40	14		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	40	15		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	41	16		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	41	13		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	40	13		80.5
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	79-01-6	Trichloroethene	1200	UG/M3	40	11		80.5
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1400	UG/M3	41	11		82
600-SGW-5-52.5	07/31/17	1707310907	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	UG/M3	41	14		82
600-SGW-5-52.5	07/31/17	1707310905	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	40	14		80.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	3	ug/m3	4	1.3	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	28	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	4	1.8		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	4	1.1		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	38	ug/m3	40	1.7	J FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	591-78-6	2-Hexanone	1.9	ug/m3	4	1.3	J FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	67-63-0	2-Propanol	4	ug/m3	8	3.4	J FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	4.4	ug/m3	4	1.3	FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	67-64-1	Acetone	84	ug/m3	40	6.2	FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	4	0.88		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	1.6	ug/m3	4	1.2	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	74-83-9	Bromomethane	2.8	ug/m3	4	1.5	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	84	ug/m3	40	1.2	FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	2.5	ug/m3	4	1.2	J FB	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-00-3	Chloroethane	3.7	ug/m3	4	1.4	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	67-66-3	Chloroform	84	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	74-87-3	Chloromethane	35	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	4	1.1		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	8	2.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	64-17-5	Ethanol	8.6	ug/m3	40	6.4	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-69-4	Freon 11	10	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	76-13-1	Freon 113	3900	ug/m3	40	14	D	80
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	4	1.5		8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	ug/m3	4	1.4	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	306-83-2	Freon 123	2.3	ug/m3	4	1.9	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	354-23-4	Freon 123a	850	ug/m3	0		TIC	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	4	1.9		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	4	1.1		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	110-54-3	Hexane	1.6	ug/m3	4	1.2	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	8	2.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	4	1.4		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-09-2	Methylene Chloride	3.9	ug/m3	4	1.4	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	4	1.2		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	16	ug/m3	4	1.1		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	5.6	ug/m3	4	1.6		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	108-88-3	Toluene	2.5	ug/m3	4	1.4	J	8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	4	1.5		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	4	1.3		8
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	79-01-6	Trichloroethene	1100	ug/m3	40	11	D	80
600-SGW-5-52.5	04/24/17	1704241022	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	4	1.4		8
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	32	14		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	32	9		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	320	13		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	64	27		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	320	49		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	32	7		64

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	32	12		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	320	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	67-66-3	Chloroform	76	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	32	9		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	64	19		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	320	51		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-69-4	Freon 11	11	ug/m3	32	11	J	64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	76-13-1	Freon 113	5300	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	32	12		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	32	15		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	354-23-4	Freon 123a	880	ug/m3	0		TIC	64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	32	15		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	32	9		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	64	19		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	32	9		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	32	13		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	32	11		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	32	12		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	32	10		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	ug/m3	32	9		64
600-SGW-5-52.5	01/18/17	1701181315	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	32	11		64
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	16	5.3		31.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	16	6.9		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	160	6.6		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	31	13		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	160	24		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	16	3.5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	16	6		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	160	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	67-66-3	Chloroform	73	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	31	9.1		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	160	25		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-69-4	Freon 11	11	ug/m3	16	5.3	J	31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	76-13-1	Freon 113	5200	ug/m3	31	11	D	62.8
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	16	6		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	16	7.5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	354-23-4	Freon 123a	730	ug/m3	0		TIC	31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	16	7.5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	16	5.3		31.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	31	9.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	16	6.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	16	6		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	ug/m3	16	4.4		31.4
600-SGW-5-52.5	12/06/16	1612060958	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	3.2	ug/m3	8.5	2.7	J	16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	8.5	3.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	8.5	2.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	85	3.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	67-63-0	2-Propanol	140	ug/m3	17	7.1		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	67-64-1	Acetone	62	ug/m3	85	13	J FB	16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	8.5	1.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	8.5	3.2		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	85	2.5		16.9

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	67-66-3	Chloroform	82	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	8.5	2.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	17	4.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	85	14		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-69-4	Freon 11	12	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	76-13-1	Freon 113	6500	ug/m3	34	11	D	67.6
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	8.5	3.2		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	8.5	4.1		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	354-23-4	Freon 123a	770	ug/m3	0		TIC	16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	8.5	4.1		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	8.5	2.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	17	5.1		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	8.5	2.5		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	8.5	2.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	8.5	3.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	8.5	3.2		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	8.5	2.7		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	ug/m3	8.5	2.4		16.9
600-SGW-5-52.5	07/13/16	1607130852	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	8.5	2.9		16.9
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	2.9	ug/m3	8.2	2.6	J	16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	8.2	2.6		16.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	8.2	3.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	8.2	2.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	82	3.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	16	6.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	82	13		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	8.2	1.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	8.2	3.1		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	82	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	67-66-3	Chloroform	78	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	8.2	2.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	16	4.7		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	82	13		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-69-4	Freon 11	11	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	76-13-1	Freon 113	5700	ug/m3	54	18	D	108.67
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	8.2	3.1		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	8.2	3.9		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	354-23-4	Freon 123a	1100	ug/m3	0		TIC	16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	8.2	3.9		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	8.2	2.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	16	4.9		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	8.2	2.8		16.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	8.2	2.4		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	8.2	2.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	8.2	3.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	8.2	3.1		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	8.2	2.6		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	8.2	2.3		16.3
600-SGW-5-52.5	04/20/16	1604201402	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	8.2	2.8		16.3
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	32	14		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	41	18		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	32	9		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	41	11		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	410	17		81

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	320	14		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	81	34		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	ug/m3	64	27		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	410	62		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	67-64-1	Acetone	0	ug/m3	320	50		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	32	7.1		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	41	8.9		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	32	12		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	41	15		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	410	12		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	ug/m3	320	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	67-66-3	Chloroform	77	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	67-66-3	Chloroform	84	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	41	11		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	32	9		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	81	23		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	64	19		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	41	13		81

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	410	65		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	ug/m3	320	52		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-69-4	Freon 11	12	ug/m3	32	11	J	64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	76-13-1	Freon 113	6700	ug/m3	54	18	D	107.33
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	76-13-1	Freon 113	6900	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	41	15		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	32	12		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	41	19		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	ug/m3	32	15		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	354-23-4	Freon 123a	680	ug/m3	0		TIC	81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	354-23-4	Freon 123a	730	ug/m3	0		TIC	64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	32	15		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	41	19		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	32	9		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	41	11		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	64	19		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	81	24		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	41	13		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	32	9.7		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	41	12		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	41	11		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	32	9		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	32	13		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	41	16		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	108-88-3	Toluene	0	ug/m3	32	11		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	32	12		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	41	15		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	41	13		81

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	32	10		64.4
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1700	ug/m3	32	9		64.4
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	79-01-6	Trichloroethene	1600	ug/m3	41	11		81
600-SGW-5-52.5	01/20/16	1601201338	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	41	14		81
600-SGW-5-52.5	01/20/16	1601201345	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	32	11		64.4
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	32	14		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	32	9		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	320	13		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	64	27		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	320	49		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	32	7		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	32	12		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	320	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	67-66-3	Chloroform	54	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	32	9		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	64	19		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	32	10		64

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	320	51		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	76-13-1	Freon 113	5500	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	32	12		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	32	15		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	354-23-4	Freon 123a	590	ug/m3	0		TIC	64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	32	15		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	32	9		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	64	19		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	32	11		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	32	9.6		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	32	9		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	32	13		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	108-88-3	Toluene	19	ug/m3	32	11	J	64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	32	12		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	32	10		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	79-01-6	Trichloroethene	1300	ug/m3	32	9		64
600-SGW-5-52.5	10/22/15	1510220950	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	32	11		64
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	16	6.9		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	11	ug/m3	160	6.6	J FB	31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	31	13		31.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	67-64-1	Acetone	92	ug/m3	160	24	J FB	31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	16	3.5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	16	6		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	160	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	67-66-3	Chloroform	85	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	31	9.1		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	160	25		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-69-4	Freon 11	12	ug/m3	16	5.3	J	31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	76-13-1	Freon 113	5200	ug/m3	79	27	D	157
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	16	6		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	16	7.5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	354-23-4	Freon 123a	820	ug/m3	0		TIC	31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	16	7.5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	31	9.4		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	16	4.7		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	16	4.4		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	16	6.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	16	5.3		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	16	6		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	16	5		31.4
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	79	22	D	157
600-SGW-5-52.5	08/04/15	1508040903	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	16	5.3		31.4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.87		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	ug/m3	20	0.83	J FB	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4	1.7		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	67-64-1	Acetone	20	ug/m3	20	3.1	J RB	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.44		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.76		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	10	ug/m3	20	0.6	J FB	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	67-66-3	Chloroform	13	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	74-87-3	Chloromethane	0.75	ug/m3	2	0.6	J FB	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4	1.2		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20	3.2		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-69-4	Freon 11	3.2	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	76-13-1	Freon 113	1200	ug/m3	20	6.8	D	39.75
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.76		3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.95		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.95		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4	1.2		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.8	ug/m3	2	0.68	J	3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.8		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.76		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	79-01-6	Trichloroethene	300	ug/m3	2	0.56		3.98
600-SGW-5-52.5	04/16/15	1505200835	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	4.3	1.9		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	4.3	1.2		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	43	1.8		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	8.7	3.6		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	67-64-1	Acetone	16	ug/m3	43	6.7	J FB	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	4.3	0.95		8.65

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	4.3	1.6		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	43	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	67-66-3	Chloroform	22	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	4.3	1.2		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	8.7	2.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	43	6.9		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-69-4	Freon 11	4	ug/m3	4.3	1.5	J FB	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	76-13-1	Freon 113	1800	ug/m3	17	5.9	D	34.6
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	4.3	1.6		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-71-8	Freon 12	2	ug/m3	4.3	1.5	J FB	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	4.3	2.1		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	4.3	2.1		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	142-82-5	Heptane	2.7	ug/m3	4.3	1.5	J	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	4.3	1.2		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	8.7	2.6		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-09-2	Methylene Chloride	3.9	ug/m3	4.3	1.5	J	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	4.3	1.3		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	4.3	1.2		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	2.2	ug/m3	4.3	1.7	J	8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	108-88-3	Toluene	4.9	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	4.3	1.6		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	4.3	1.4		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	79-01-6	Trichloroethene	460	ug/m3	4.3	1.2		8.65
600-SGW-5-52.5	01/28/15	1501281008	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	4.3	1.5		8.65
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	42	14		84.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	42	19		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	42	12		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	420	18		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	85	35		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	420	65		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	42	9.3		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	42	16		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	420	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	67-66-3	Chloroform	72	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	42	12		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	85	25		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	420	68		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	76-13-1	Freon 113	7300	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	42	16		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	42	20		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	354-23-4	Freon 123a	530	ug/m3	0		TIC	84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	42	20		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	42	14		84.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	42	12		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	85	25		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	42	13		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	42	12		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	42	17		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	42	16		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	42	14		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	ug/m3	42	12		84.5
600-SGW-5-52.5	11/20/14	1411201026	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	42	14		84.5
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	53	23		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	53	15		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	530	22		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	44		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	530	81		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	53	12		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	53	20		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	530	16		105.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	67-66-3	Chloroform	95	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	53	15		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	31		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	530	84		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	53	20		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	53	25		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	354-23-4	Freon 123a	690	ug/m3	0		TIC	105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	53	25		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	53	15		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	32		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	53	18		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	53	16		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	53	15		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	53	21		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	108-88-3	Toluene	22	ug/m3	53	18	J FB	105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	53	20		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	53	17		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	53	15		105.33
600-SGW-5-52.5	10/09/14	1410091035	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	53	18		105.33
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	34	11		67.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	34	15		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	34	9.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	340	14		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	67	28		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	340	52		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	34	7.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	34	13		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	62	ug/m3	340	10	J FB	67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	67-66-3	Chloroform	99	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	34	9.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	67	19		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	340	54		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	76-13-1	Freon 113	6300	ug/m3	420	140	D	840
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	34	13		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	34	16		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	354-23-4	Freon 123a	920	ug/m3	0		TIC *	67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	34	16	*	67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	34	9.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	67	20		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	34	11		67.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	34	10		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	34	9.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	34	13		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	34	13		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	34	11		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	79-01-6	Trichloroethene	2200	ug/m3	34	9.4		67.2
600-SGW-5-52.5	07/30/14	1407300950	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	34	11		67.2
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	12	5.1		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	12	3.3		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	52	ug/m3	120	4.9	J FB	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	23	9.8		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	67-64-1	Acetone	230	ug/m3	120	18	FB	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	12	2.6		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	12	4.4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	51	ug/m3	120	3.5	J FB	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	67-66-3	Chloroform	67	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	12	3.5		23.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	12	3.3		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	23	6.8		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	64-17-5	Ethanol	20	ug/m3	120	19	J	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-69-4	Freon 11	12	ug/m3	12	4	J	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	76-13-1	Freon 113	6100	ug/m3	120	40	D	233.25
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	12	4.4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	12	5.6		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	354-23-4	Freon 123a	850	ug/m3	0		TIC	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	12	5.6		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	12	3.3		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	23	7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-09-2	Methylene Chloride	4.2	ug/m3	12	4	J	23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	12	3.5		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	12	3.3		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	12	4.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	12	4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	12	4.4		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	12	3.7		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	ug/m3	12	3.3		23.33
600-SGW-5-52.5	04/21/14	1404211325	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	12	4		23.33
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	26	11		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	26	7.1		51

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	260	11		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	51	21		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	260	39		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	26	5.6		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	26	9.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	260	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	67-66-3	Chloroform	90	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	26	7.1		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	51	15		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	260	41		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-69-4	Freon 11	36	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	76-13-1	Freon 113	12000	ug/m3	100	35	D	204
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	26	9.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	26	12		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	26	12		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	26	7.1		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	51	15		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	26	7.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	26	7.1		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	26	10		51

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	26	8.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	26	9.7		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	26	8.2		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	79-01-6	Trichloroethene	2400	ug/m3	26	7.1		51
600-SGW-5-52.5	01/29/14	1401290955	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	26	8.7		51
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	51	22		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	51	14		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	510	21		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	100	43		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	510	79		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	51	11		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	51	19		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	510	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	67-66-3	Chloroform	100	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	51	14		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	100	30		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	51	16		102

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	510	82		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	150	52	D	306
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	51	19		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	51	24		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	354-23-4	Freon 123a	710	ug/m3	0		TIC	102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	51	24		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	51	14		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	100	31		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	51	15		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	51	14		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	51	20		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	51	17		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	51	19		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	51	16		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	79-01-6	Trichloroethene	2400	ug/m3	51	14		102
600-SGW-5-52.5	11/13/13	1311131315	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	51	17		102
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	1.4	ug/m3	2	0.68	J	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	4.4	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.87		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.4	ug/m3	20	0.83	J FB	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4	1.7		3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	67-64-1	Acetone	18	ug/m3	20	3.1	J FB	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.44		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.76		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	67-66-3	Chloroform	94	ug/m3	2	0.68	A	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4	1.2		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20	3.2		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-69-4	Freon 11	15	ug/m3	2	0.68	A	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	76-13-1	Freon 113	14000	ug/m3	88	30	D	176
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.76		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	306-83-2	Freon 123	4.6	ug/m3	2	0.95		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	354-23-4	Freon 123a	790	ug/m3	0		TIC	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.95		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.56		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	4	1.2		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.72	ug/m3	2	0.68	J	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.6		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	1.8	ug/m3	2	0.56	J	3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.8		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2	0.68		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.76		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.64		3.98
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	79-01-6	Trichloroethene	2600	ug/m3	88	25	D	176
600-SGW-5-52.5	07/16/13	1307160745	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.68		3.98

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	58	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	58	21		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	58	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	580	23		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	58	22		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	120	39		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	580	130		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	580	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	67-66-3	Chloroform	88	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	58	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	120	30		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	580	110		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	58	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	58	23		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	58	16		115.38

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	58	28		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	58	28		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	120	33		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-09-2	Methylene Chloride	26	ug/m3	58	17	J	115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	58	18		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	58	20		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	58	14		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	58	30		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	58	17		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	58	15		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	79-01-6	Trichloroethene	2100	ug/m3	58	16		115.38
600-SGW-5-52.5	03/25/13	1303250830	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	58	17		115.38
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	53	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	53	19		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	53	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	530	21		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	53	20		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	36		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	530	120		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	53	16		106.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	530	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	67-66-3	Chloroform	79	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	53	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	28		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	530	98		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	53	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	76-13-1	Freon 113	11000	ug/m3	160	64	D	320
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	53	26		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	354-23-4	Freon 123a	550	ug/m3	0		TIC	106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	53	25		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	31		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-09-2	Methylene Chloride	17	ug/m3	53	16	J	106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	53	13		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	53	28		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	53	14		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	53	15		106.67
600-SGW-5-52.5	06/14/12	1206141000	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1.3	0.43		2.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.3	0.6		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.3	0.53		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.73	ug/m3	13	0.58	J FB	2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1.3	0.45		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2.5	1		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	67-64-1	Acetone	5.9	ug/m3	13	2.2	J FB	2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	13	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.3	0.45		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2.5	0.83		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	13	4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	76-13-1	Freon 113	24	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1.3	0.45		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1.3	0.6		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.3	0.58		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1.3	0.4		2.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.3	0.45		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	2.5	0.73		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.44	ug/m3	1.3	0.38	J RB	2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1.3	0.35		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.3	0.55		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.3	0.43		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.3	0.4		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	79-01-6	Trichloroethene	3.6	ug/m3	1.3	0.38		2.5
600-SGW-5-52.5	03/24/12	1203241420	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.3	0.48		2.5
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	73	35		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	54	26		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	81	39		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	73	28		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	81	31		162

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	81	34		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	54	23		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	73	31		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	730	34		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	540	25		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	810	37		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	81	29		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	54	19		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	73	26		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	150	59		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	43		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	160	65		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	730	130		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	540	94		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	810	140		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	73	22		146.36

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	81	31		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	73	28		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	730	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	540	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	810	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	81	31		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	73	28		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	67-66-3	Chloroform	80	ug/m3	73	28		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	67-66-3	Chloroform	67	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	67-66-3	Chloroform	83	ug/m3	81	31		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	81	31		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	73	28		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	73	26		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	54	19		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	81	29		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	53		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	35		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	150	48		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	81	23		162

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	810	260		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	540	170		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	730	230		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	76-13-1	Freon 113	11000	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	76-13-1	Freon 113	9200	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	76-13-1	Freon 113	12000	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	73	26		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	54	19		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	81	29		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	81	39		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	54	26		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	73	35		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	354-23-4	Freon 123a	550	ug/m3	0		TIC	146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	354-23-4	Freon 123a	500	ug/m3	0		TIC	107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	354-23-4	Freon 123a	570	ug/m3	0		TIC	162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	81	37		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	54	25		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	73	34		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	81	29		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	54	19		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	73	26		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	160	47		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	110	31		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	150	42		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-09-2	Methylene Chloride	32	ug/m3	81	24	J	162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-09-2	Methylene Chloride	21	ug/m3	54	16	J	107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-09-2	Methylene Chloride	25	ug/m3	73	22	J	146.36

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	81	23		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	54	15		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	73	20		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	73	32		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	54	24		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	81	36		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	73	25		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	54	18		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	81	28		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	81	26		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	54	17		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	73	23		146.36
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	73	22		146.36
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	79-01-6	Trichloroethene	1600	ug/m3	54	16		107.33
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	81	24		162
600-SGW-5-52.5	03/23/12	1203231145	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	81	31		162
600-SGW-5-52.5	03/23/12	1203230930	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	54	20		107.33
600-SGW-5-52.5	03/23/12	1203231741	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	73	28		146.36
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	80	27		159

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	53	26		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	55	27		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	80	38		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	64	31		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	53	20		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	64	27		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	80	33		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	55	23		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	53	22		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	53	17		106.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	530	25		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	550	25		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	800	37		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	640	30		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	64	23		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	80	29		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	55	20		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	53	19		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	43		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	44		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	160	64		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	130	51		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	530	94		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	550	97		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	800	140		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	640	110		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	64	21		128.46

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	53	20		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	530	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	550	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	800	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	640	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	53	20		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	67-66-3	Chloroform	84	ug/m3	53	20		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	67-66-3	Chloroform	91	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	67-66-3	Chloroform	82	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	67-66-3	Chloroform	75	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	53	20		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	53	19		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	55	20		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	80	29		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	64	23		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	55	17		110.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	130	42		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	52		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	37		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	35		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	640	210		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	800	250		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	550	180		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	530	170		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	76-13-1	Freon 113	11000	ug/m3	160	51	D	320
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	76-13-1	Freon 113	12000	ug/m3	100	33	D	207.5
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	76-13-1	Freon 113	11000	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	53	19		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	55	20		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	80	29		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	64	23		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	64	31		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	80	38		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	55	27		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	53	26		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	354-23-4	Freon 123a	590	ug/m3	0		TIC	106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	354-23-4	Freon 123a	620	ug/m3	0		TIC	110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	NA	Freon 123a	560	ug/m3	0		TIC	159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	354-23-4	Freon 123a	590	ug/m3	0		TIC	128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	64	30		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	80	37		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	55	25		110.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	53	25		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	64	23		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	80	29		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	55	20		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	53	19		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	130	37		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	160	46		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	110	32		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	110	31		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-09-2	Methylene Chloride	24	ug/m3	64	19	J	128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-09-2	Methylene Chloride	28	ug/m3	80	24	J	159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-09-2	Methylene Chloride	19	ug/m3	55	17	J	110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-09-2	Methylene Chloride	20	ug/m3	53	16	J	106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	64	18		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	80	22		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	55	15		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	53	15		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	53	23		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	55	24		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	80	35		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	64	28		128.46

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	53	18		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	55	19		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	80	27		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	64	22		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	64	21		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	80	25		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	55	18		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	53	17		106.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	53	16		106.67
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	79-01-6	Trichloroethene	2100	ug/m3	55	17		110.67
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	80	24		159
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	ug/m3	64	19		128.46
600-SGW-5-52.5	03/22/12	1203221404	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	64	24		128.46
600-SGW-5-52.5	03/22/12	1203221012	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	80	30		159
600-SGW-5-52.5	03/22/12	1203221521	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	55	21		110.67
600-SGW-5-52.5	03/22/12	1203221655	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	53	20		106.67
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	24	5.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	30	5		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	24	4.1		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	18	3.6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	48	ug/m3	18	3.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	130	19		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	22	3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	34	4.6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	27	5.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	18	3.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	20	3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	22	2.5		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	9.8	6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	27	3.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	27	4.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	64	11		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	21	1.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	52	5.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	72	9		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	44	4.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	55	15		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	22	3.4		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	18	3.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	42	9.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	23	3.4		8.86

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	14	1.5		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	30	3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	46	6.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	17	3.9		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	55	7.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	28	3.6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	20	3.5		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	47	6.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	67-66-3	Chloroform	96	ug/m3	22	3.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	36	11		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	18	4.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	20	4.1		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	22	2.4		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	15	3.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	38	4.8		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-43-4	Dichlorofluoromethane	0	ug/m3	74	19		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	33	6.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	19	3.5		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-69-4	Freon 11	12	ug/m3	25	6.9	J FB	8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	76-13-1	Freon 113	9300	ug/m3	34	8.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	31	7.1		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	22	3.9		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	110	20		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	354-23-4	Freon 123a	450	ug/m3	550	20	J	8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	18	2.1		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	190	29		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	16	2.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	19	4.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	16	1.9		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-09-2	Methylene Chloride	4.5	ug/m3	15	1.6	J FB	8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	19	1.9		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	22	2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	19	3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	30	6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	13	2.7		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	17	2.2		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	18	6.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	20	3.3		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	79-01-6	Trichloroethene	2400	ug/m3	24	4.6		8.86
600-SGW-5-52.5	11/03/11	1111031010	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	11	1.9		8.86
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.2	0.29		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.2	0.32		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.2	0.23		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2	UG/M3	2.2	0.34	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	1.1	UG/M3	2.2	0.32	J	4.35

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.2	0.57		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.2	0.32		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.2	0.27		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.2	0.34		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.2	0.26		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.2	0.29		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.2	0.38		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.2	0.35		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.2	0.36		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.2	0.27		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.2	0.35		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.2	UG/M3	22	0.48	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	591-78-6	2-Hexanone	0.39	UG/M3	2.2	0.29	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	67-63-0	2-Propanol	1.1	UG/M3	4.4	0.96	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.2	0.31		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.2	0.37		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.2	0.32		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	22	5.2		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.2	0.52		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	71-43-2	Benzene	0.76	UG/M3	2.2	0.33	J FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0.49	UG/M3	2.2	0.33	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.2	0.48		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	74-83-9	Bromomethane	0.97	UG/M3	2.2	0.32	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	22	0.7		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.2	0.32		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.2	0.31		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.2	0.29		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	67-66-3	Chloroform	44	UG/M3	2.2	0.31		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	74-87-3	Chloromethane	0.37	UG/M3	2.2	0.37	J FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.2	0.36		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.4	0.65		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.2	0.3		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	64-17-5	Ethanol	7.4	UG/M3	22	1.6	J FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-69-4	Freon 11	7.7	UG/M3	2.2	0.35	FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	76-13-1	Freon 113	2400	UG/M3	22	3.3	D	43.5
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.2	0.37		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-71-8	Freon 12	1.9	UG/M3	2.2	0.38	J FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.2	1		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	354-23-4	Freon 123a	500	UG/M3	0		TIC	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.2	1		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.2	0.37		4.35

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.2	0.48		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.2	0.48		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.4	0.61		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.2	0.27		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.6	UG/M3	2.2	0.65	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.2	0.33		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.2	0.37		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.6	UG/M3	2.2	0.3	J	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.2	0.29		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	108-88-3	Toluene	2.7	UG/M3	2.2	0.28	FB	4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.2	0.32		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.2	0.48		4.35
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	79-01-6	Trichloroethene	870	UG/M3	22	3.1	D	43.5
600-SGW-5-102.5	01/25/23	2301251045	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.2	0.25		4.35
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.29	UG/M3	1.9	0.26	J	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1.9	0.21		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	3	UG/M3	1.9	0.3		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	1.2	UG/M3	1.9	0.29	J	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1.9	0.5		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1.9	0.24		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1.9	0.31		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	1.9	0.23		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	1.9	0.26		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	1.9	0.34		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1.9	0.31		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1.9	0.32		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	1.9	0.24		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1.9	0.31		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	19	0.43		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	1.9	0.26		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	3.9	0.85		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	1.9	0.28		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	1.9	0.33		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1.9	0.28		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	19	4.7		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	1.9	0.47		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	71-43-2	Benzene	0.35	UG/M3	1.9	0.3	J	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0.67	UG/M3	1.9	0.3	J	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	1.9	0.43		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	19	0.62		3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	1.9	0.28		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	1.9	0.26		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	67-66-3	Chloroform	62	UG/M3	1.9	0.28		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	1.9	0.33		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1.9	0.32		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.58		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	1.9	0.27		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	19	1.4		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-69-4	Freon 11	9.3	UG/M3	1.9	0.31	FB	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	76-13-1	Freon 113	4100	UG/M3	39	5.9	D	77.5
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	1.9	0.33		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	1.9	0.34	FB	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	1.9	0.93		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	354-23-4	Freon 123a	610	UG/M3	0		TIC	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	1.9	0.93		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	1.9	0.33		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	1.9	0.43		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	1.9	0.43		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	3.9	0.54		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1.9	0.24		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.7	UG/M3	1.9	0.58	J	3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	1.9	0.3		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	1.9	0.33		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	127-18-4	Tetrachloroethene	3	UG/M3	1.9	0.27		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	1.9	0.26		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	1.9	0.25		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1.9	0.29		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1.9	0.43		3.88
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	79-01-6	Trichloroethene	1300	UG/M3	39	5.6	D	77.5
600-SGW-5-102.5	10/25/22	2210250922	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	1.9	0.22		3.88
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	18	2.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	18	1.9		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	18	4.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	18	2.2		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	18	2.1		36

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	18	2.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	18	3.2		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	18	2.9		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	18	3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	18	2.3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	18	2.9		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.6	UG/M3	180	4	J FB	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	18	2.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	67-63-0	2-Propanol	27	UG/M3	36	7.9	J	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	18	2.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	18	3.1		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	18	2.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	180	43		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	18	4.3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	71-43-2	Benzene	3.9	UG/M3	18	2.8	J	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	18	4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	180	5.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	18	2.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	18	2.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	67-66-3	Chloroform	51	UG/M3	18	2.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	18	3.1		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	18	3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	36	5.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	18	2.5		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	64-17-5	Ethanol	66	UG/M3	180	13	J FB	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-69-4	Freon 11	7.6	UG/M3	18	2.9	J FB	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	76-13-1	Freon 113	2800	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	18	3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	18	3.1		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	18	8.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	354-23-4	Freon 123a	790	UG/M3	0		TIC	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	18	8.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	142-82-5	Heptane	4.9	UG/M3	18	3.1	J	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	18	4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	18	4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	36	5		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	18	2.3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	18	5.4		36

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	18	2.8		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	100-42-5	Styrene	3.2	UG/M3	18	3.1	J	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.7	UG/M3	18	2.5	J	36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	18	2.4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	108-88-3	Toluene	29	UG/M3	18	2.3		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	18	2.7		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	18	4		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	79-01-6	Trichloroethene	810	UG/M3	18	2.6		36
600-SGW-5-102.5	07/26/22	2207261029	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	18	2.1		36
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	55	7.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	55	5.9		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	55	8.6		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	55	14		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	55	6.8		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	55	8.7		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	55	6.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	55	7.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	55	9.7		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	55	8.8		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	55	9		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	55	6.9		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	55	8.8		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	550	12		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	55	7.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	67-63-0	2-Propanol	59	UG/M3	110	24	J	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	55	7.9		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	55	9.4		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	55	8		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	550	130		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	55	13		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	55	12		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	550	18		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	55	7.8		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	55	7.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	67-66-3	Chloroform	61	UG/M3	55	7.8	FB	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	55	9.5		110

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	55	8.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	55	9.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	110	17		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	55	7.7		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	64-17-5	Ethanol	370	UG/M3	550	41	J	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	55	8.3		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-69-4	Freon 11	38	UG/M3	55	8.9	J FB	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	76-13-1	Freon 113	9700	UG/M3	55	8.4	FB	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	55	9.2		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	55	9.6		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	55	26		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	354-23-4	Freon 123a	610	UG/M3	0		TIC FB	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	55	26		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	55	9.4		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	55	12		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	55	12		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	110	15		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	55	6.9		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	55	17		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	55	8.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	55	9.5		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	55	7.6		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	55	7.4		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	108-88-3	Toluene	63	UG/M3	55	7.2		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	55	8.1		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	55	12		110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	55	7.9	FB	110
600-SGW-5-102.5	04/20/22	2204201003	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	55	6.3		110
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	4.6	0.6		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	4.6	0.68		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	4.6	0.49		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.1	UG/M3	4.6	0.71	J	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	1.1	UG/M3	4.6	0.68	J	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	4.6	1.2		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	4.6	0.68		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	4.6	0.57		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	4.6	0.72		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	4.6	0.54		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	4.6	0.6		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	4.6	0.81		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	4.6	0.73		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	4.6	0.75		9.15

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	4.6	0.58		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	4.6	0.73		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	46	1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	4.6	0.6		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	9.2	2		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	4.6	0.66		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	4.6	0.78		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	4.6	0.67		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	46	11		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	4.6	1.1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	4.6	1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	4.6	0.68		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	46	1.5		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	4.6	0.68		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	4.6	0.65		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	4.6	0.6		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	67-66-3	Chloroform	46	UG/M3	4.6	0.65		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	4.6	0.79		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	4.6	0.69		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	4.6	0.76		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	9.2	1.4		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	4.6	0.64		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	64-17-5	Ethanol	3.7	UG/M3	46	3.4	J FB	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	4.6	0.69		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-69-4	Freon 11	7	UG/M3	4.6	0.74	FB	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	76-13-1	Freon 113	2800	UG/M3	23	3.5		45.75
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	4.6	0.77		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	4.6	0.8	J FB	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	4.6	2.2		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	354-23-4	Freon 123a	560	UG/M3	0		TIC	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	4.6	2.2		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	4.6	0.78		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	4.6	1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	4.6	1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	9.2	1.3		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	4.6	0.58		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-09-2	Methylene Chloride	1.7	UG/M3	4.6	1.4	J	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	4.6	0.7		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	4.6	0.79		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.98	UG/M3	4.6	0.63	J	9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	4.6	0.61		9.15

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	4.6	0.59		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	4.6	0.68		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	4.6	1		9.15
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	79-01-6	Trichloroethene	720	UG/M3	23	3.3		45.75
600-SGW-5-102.5	01/19/22	2201191021	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	4.6	0.52		9.15
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2.1	0.28		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.23	A	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	2.5	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	1.3	UG/M3	2.1	0.31	J	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.55		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.34		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.25		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.28		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.37		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.34		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.35		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.27		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.34		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.6	UG/M3	21	0.47	J FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	591-78-6	2-Hexanone	0.79	UG/M3	2.1	0.28	J	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	67-63-0	2-Propanol	4.5	UG/M3	4.3	0.94	FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.36		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	67-64-1	Acetone	28	UG/M3	21	5.1	FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.51		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	71-43-2	Benzene	0.68	UG/M3	2.1	0.33	J	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.47		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	21	0.68		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.3		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.28		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	67-66-3	Chloroform	54	UG/M3	2.1	0.3		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.37		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.32		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.35		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.3	0.64		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.3		4.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	64-17-5	Ethanol	9.5	UG/M3	21	1.6	J FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.32		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-69-4	Freon 11	8.5	UG/M3	2.1	0.34	FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	76-13-1	Freon 113	2600	UG/M3	43	6.5	D	85
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.36		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2.1	0.37	FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2.1	1		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	354-23-4	Freon 123a	300	UG/M3	0		TIC	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	1		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.1	0.36		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.47		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.47		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.3	0.6		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.27		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.6	UG/M3	2.1	0.64		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.33		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.37		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	127-18-4	Tetrachloroethene	1.5	UG/M3	2.1	0.29	J	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0.34	UG/M3	2.1	0.28	J FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	108-88-3	Toluene	1.3	UG/M3	2.1	0.28	J FB	4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.47		4.25
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	79-01-6	Trichloroethene	750	UG/M3	43	6.1	D	85
600-SGW-5-102.5	10/21/21	2110211038	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.25
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.38	UG/M3	2	0.26	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	3.9	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	2	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.52		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.3	UG/M3	20	0.44	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	591-78-6	2-Hexanone	2.2	UG/M3	2	0.26		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4	0.88		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	67-64-1	Acetone	27	UG/M3	20	4.8		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.48		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	71-43-2	Benzene	0.59	UG/M3	2	0.31	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.44		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-15-0	Carbon Disulfide	8.3	UG/M3	20	0.64	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	67-66-3	Chloroform	78	UG/M3	2	0.28		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4	0.6		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	64-17-5	Ethanol	4.7	UG/M3	20	1.5	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-69-4	Freon 11	12	UG/M3	2	0.32		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	76-13-1	Freon 113	4300	UG/M3	40	6.1	D	80
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-71-8	Freon 12	2.9	UG/M3	2	0.35		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	2	0.96		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	354-23-4	Freon 123a	410	UG/M3	0		TIC	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.96		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	142-82-5	Heptane	0.78	UG/M3	2	0.34	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.44		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.44		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4	0.56		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-09-2	Methylene Chloride	3.4	UG/M3	2	0.6		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.34		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2	UG/M3	2	0.28	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0.93	UG/M3	2	0.27	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	108-88-3	Toluene	1	UG/M3	2	0.26	J	4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.3		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.44		4
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	40	5.8	D	80
600-SGW-5-102.5	07/27/21	2107270816	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	17	1.8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	3.3	UG/M3	17	2.6	J	33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	17	4.3		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	17	2.1		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	17	2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	17	2.9		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	17	2.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	17	2.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	17	2.1		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	17	2.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	170	3.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	33	7.3		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	17	2.4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	17	2.8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	17	2.4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	170	40		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	17	4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	17	3.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	170	5.3		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	17	2.4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	67-66-3	Chloroform	67	UG/M3	17	2.4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	17	2.9		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	17	2.8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	33	5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	17	2.3		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	170	12		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-69-4	Freon 11	9.5	UG/M3	17	2.7	J	33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	76-13-1	Freon 113	4000	UG/M3	42	6.3	D	83
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	17	2.8		33.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	17	2.9		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	17	8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	354-23-4	Freon 123a	620	UG/M3	0		TIC	33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	17	8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	17	2.8		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	17	3.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	17	3.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	33	4.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	17	2.1	A	33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	17	5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	17	2.6		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	17	2.9		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	17	2.3		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	17	2.2		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	17	2.5		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	17	3.7		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	17	2.4		33.2
600-SGW-5-102.5	04/27/21	2104271009	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	17	1.9		33.2
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.37	UG/M3	2	0.26	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.21		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	4	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	2.3	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.51		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.24		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.23		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.32		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.5	UG/M3	20	0.43	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	591-78-6	2-Hexanone	0.7	UG/M3	2	0.26	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	67-63-0	2-Propanol	2	UG/M3	3.9	0.86	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	67-64-1	Acetone	24	UG/M3	20	4.7		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.47		3.93

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	71-43-2	Benzene	0.46	UG/M3	2	0.3	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0.68	UG/M3	2	0.3	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-15-0	Carbon Disulfide	2.2	UG/M3	20	0.63	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-00-3	Chloroethane	0.37	UG/M3	2	0.26	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	67-66-3	Chloroform	78	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.59		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.27		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	64-17-5	Ethanol	3.3	UG/M3	20	1.5	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-69-4	Freon 11	11	UG/M3	2	0.32		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	76-13-1	Freon 113	4100	UG/M3	20	3	D	39.25
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-71-8	Freon 12	2.6	UG/M3	2	0.34		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	306-83-2	Freon 123	2	UG/M3	2	0.94	X	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	354-23-4	Freon 123a	840	UG/M3	0		TIC	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.94		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	3.9	0.55		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.6	UG/M3	2	0.59		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.34		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2	UG/M3	2	0.27	J	3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	79-01-6	Trichloroethene	1100	UG/M3	20	2.8	D	39.25
600-SGW-5-102.5	01/19/21	2101191053	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.22		3.93
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	6.8	0.9		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	6.8	0.73		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	3.8	UG/M3	6.8	1.1	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	2.3	UG/M3	6.8	1	J	13.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	6.8	1.8		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	6.8	0.84		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	6.8	0.8		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	6.8	0.9		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	6.8	1.2		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	6.8	0.86		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	15	UG/M3	68	1.5	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	6.8	0.9		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	14	3		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	6.8	0.98		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	6.8	1.2		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	6.8	0.99		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	68	16		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	6.8	1.6		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	6.8	1.5		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-15-0	Carbon Disulfide	45	UG/M3	68	2.2	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	6.8	0.96		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	6.8	0.9		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	67-66-3	Chloroform	82	UG/M3	6.8	0.96		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	6.8	1.2		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	14	2		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	6.8	0.95		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	68	5		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-69-4	Freon 11	14	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	76-13-1	Freon 113	4300	UG/M3	27	4.1	D	54.3
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	6.8	1.1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-71-8	Freon 12	2.7	UG/M3	6.8	1.2	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	6.8	3.3		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	354-23-4	Freon 123a	710	UG/M3	0		TIC	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	6.8	3.3		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	6.8	1.2		13.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	6.8	1.5		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	6.8	1.5		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	14	1.9		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	6.8	0.86		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.1	UG/M3	6.8	2	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	6.8	1.2		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.6	UG/M3	6.8	0.94	J	13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	6.8	0.91		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	6.8	0.88		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	6.8	1		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	6.8	1.5		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	79-01-6	Trichloroethene	1300	UG/M3	6.8	0.98		13.6
600-SGW-5-102.5	10/29/20	2010291046	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	6.8	0.77		13.6
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	3.5	0.46		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	3.5	0.38		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	4.3	UG/M3	3.5	0.54		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	2.9	UG/M3	3.5	0.52	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	3.5	0.9		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	1.2	UG/M3	3.5	0.52	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	3.5	0.43		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	3.5	0.55		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	3.5	0.41		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	3.5	0.46		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	3.5	0.54		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	3.5	0.61		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	3.5	0.56		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	3.5	0.57		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	3.5	0.44		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	3.5	0.56		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.2	UG/M3	35	0.77	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	3.5	0.46		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	67-63-0	2-Propanol	9.5	UG/M3	7	1.5		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	3.5	0.5		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	3.5	0.59		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	3.5	0.51		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	67-64-1	Acetone	21	UG/M3	35	8.4	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	3.5	0.84		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	71-43-2	Benzene	0.79	UG/M3	3.5	0.54	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	3.5	0.54		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	3.5	0.77		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-15-0	Carbon Disulfide	4.3	UG/M3	35	1.1	J RB	6.96

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	3.5	0.49		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	3.5	0.46		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	67-66-3	Chloroform	80	UG/M3	3.5	0.49		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	3.5	0.6		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	3.5	0.58		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	3.5	0.54		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	7	1		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	3.5	0.49		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	64-17-5	Ethanol	4.4	UG/M3	35	2.6	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-69-4	Freon 11	12	UG/M3	3.5	0.56		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	76-13-1	Freon 113	4400	UG/M3	35	5.3	D	69.6
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	3.5	0.58		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-71-8	Freon 12	2.5	UG/M3	3.5	0.61	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	306-83-2	Freon 123	2.1	UG/M3	3.5	1.7	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	354-23-4	Freon 123a	680	UG/M3	0		TIC	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	3.5	1.7		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	3.5	0.59		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	3.5	0.77		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	3.5	0.77		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	179601-23-1	m,p-Xylene	2	UG/M3	7	0.97	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	3.5	0.44		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.8	UG/M3	3.5	1	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	95-47-6	o-Xylene	1.1	UG/M3	3.5	0.54	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	3.5	0.54		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	3.5	0.6		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	127-18-4	Tetrachloroethene	3.1	UG/M3	3.5	0.48	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	3.5	0.47		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	108-88-3	Toluene	1.3	UG/M3	3.5	0.45	J	6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	3.5	0.52		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	3.5	0.77		6.96
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	79-01-6	Trichloroethene	1400	UG/M3	35	5	D	69.6
600-SGW-5-102.5	07/22/20	2007220754	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	3.5	0.4		6.96
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	22	2.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	22	2.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	22	3.4		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	22	5.6		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	22	2.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	22	3.4		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	22	2.6		43.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	22	2.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	22	3.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	22	3.5		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	22	3.5		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	22	2.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	22	3.5		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	220	4.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	22	2.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	43	9.5		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	22	3.1		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	22	3.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	220	52		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	22	5.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	22	4.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	220	6.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	22	3.1		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	22	2.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	67-66-3	Chloroform	64	UG/M3	22	3.1		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	22	3.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	22	3.6		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	43	6.5		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	22	3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	64-17-5	Ethanol	63	UG/M3	220	16	J	43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-69-4	Freon 11	9.4	UG/M3	22	3.5	J	43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	76-13-1	Freon 113	4100	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	22	3.6		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	22	3.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	22	10		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	22	10		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	22	3.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	22	4.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	22	4.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	43	6.1		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	22	2.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	22	6.5		43.25

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	22	3.3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	22	3.7		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	22	3		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	22	2.9		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	22	2.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	22	3.2		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	22	4.8		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	22	3.1		43.25
600-SGW-5-102.5	04/27/20	2004271025	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	22	2.5		43.25
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.44	UG/M3	2	0.26	J	3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.21		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	4.1	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	3.7	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.51		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.24		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.23		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.35		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.32		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.25		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.31		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	20	0.43		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	3.9	0.86		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	20	4.7		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.47		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	71-43-2	Benzene	0.47	UG/M3	2	0.3	J	3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	20	0.63		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	67-66-3	Chloroform	76	UG/M3	2	0.28		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.34		3.93

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	3.9	0.59		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.27		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	20	1.5		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-69-4	Freon 11	12	UG/M3	2	0.32		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	76-13-1	Freon 113	4300	UG/M3	31	4.8	D	62.8
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2	0.34		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	306-83-2	Freon 123	2.5	UG/M3	2	0.94		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	354-23-4	Freon 123a	800	UG/M3	0		TIC	3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.94		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.33		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	3.9	0.55		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.25		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.7	UG/M3	2	0.59		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.3		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.34		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.5	UG/M3	2	0.27		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.26		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	108-88-3	Toluene	0.64	UG/M3	2	0.26	J	3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.29		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.43		3.93
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	31	4.5	D	62.8
600-SGW-5-102.5	01/17/20	2001171024	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.22		3.93
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	32	4.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	32	3.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	32	8.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	32	3.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	32	5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	32	3.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	32	4.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	32	5.6		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	32	5.1		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	32	5.2		63.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	32	4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	32	5.1		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	320	7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	32	4.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	63	14		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	32	4.6		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	32	5.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	32	4.6		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	320	76		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	32	7.6		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	32	7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-15-0	Carbon Disulfide	28	UG/M3	320	10	J	63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	32	4.5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	32	4.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	67-66-3	Chloroform	86	UG/M3	32	4.5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	32	5.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	32	5.2		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	63	9.5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	32	4.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	64-17-5	Ethanol	46	UG/M3	320	23	J	63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-69-4	Freon 11	13	UG/M3	32	5.1	J	63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	76-13-1	Freon 113	5200	UG/M3	32	4.8		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	32	5.3		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	32	5.5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	32	15		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	354-23-4	Freon 123a	750	UG/M3	0		TIC	63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	32	15		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	32	5.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	32	7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	32	7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	63	8.8		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	32	4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	32	9.5		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	32	4.9		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	32	5.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	32	4.4		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	32	4.2		63.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	32	4.1		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	32	4.7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	32	7		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	79-01-6	Trichloroethene	1600	UG/M3	32	4.6		63.2
600-SGW-5-102.5	10/30/19	1910301018	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	32	3.6		63.2
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.5	UG/M3	2	0.27	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.22		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	4.2	UG/M3	2	0.32		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	4	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.53		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.25		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.24		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.27		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2	0.36		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.32		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.33		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2	0.26		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.32		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.2	UG/M3	20	0.45	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	591-78-6	2-Hexanone	0.49	UG/M3	2	0.27	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.1	0.89		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2	0.29		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.34		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	67-64-1	Acetone	38	UG/M3	20	4.9		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.49		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	71-43-2	Benzene	0.72	UG/M3	2	0.31	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0.73	UG/M3	2	0.31	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2	0.45		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-15-0	Carbon Disulfide	90	UG/M3	20	0.65		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2	0.29		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2	0.27		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	67-66-3	Chloroform	78	UG/M3	2	0.29		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2	0.35		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.34		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2	0.31		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.1	0.61		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2	0.28		4.05

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	64-17-5	Ethanol	9.7	UG/M3	20	1.5	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2	0.3		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-69-4	Freon 11	12	UG/M3	2	0.33		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	76-13-1	Freon 113	5200	UG/M3	41	6.2	D	81
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2	0.34		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-71-8	Freon 12	2.3	UG/M3	2	0.35		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	306-83-2	Freon 123	2	UG/M3	2	0.97		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	354-23-4	Freon 123a	670	UG/M3	0		TIC	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2	0.97		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2	0.34		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.45		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2	0.45		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.1	0.57		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.26		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.8	UG/M3	2	0.61		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2	0.31		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2	0.31		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2	0.35		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.4	UG/M3	2	0.28		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.27		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	108-88-3	Toluene	0.64	UG/M3	2	0.26	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0.83	UG/M3	2	0.3	J	4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.45		4.05
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	79-01-6	Trichloroethene	1400	UG/M3	41	5.8	D	81
600-SGW-5-102.5	07/23/19	1907230844	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2	0.23		4.05
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0.46	UG/M3	2.1	0.27	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2.1	0.22		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	4.2	UG/M3	2.1	0.32		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	4.1	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2.1	0.54		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2.1	0.26		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2.1	0.33		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	2.1	0.24		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	2.1	0.27		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2.1	0.32		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	2.1	0.37		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2.1	0.33		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2.1	0.34		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	2.1	0.26		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2.1	0.33		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.3	UG/M3	21	0.46	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	591-78-6	2-Hexanone	0.44	UG/M3	2.1	0.27	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	4.2	0.91		4.15

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	2.1	0.3		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	2.1	0.35		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2.1	0.3		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	21	5		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	2.1	0.5		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	71-43-2	Benzene	0.46	UG/M3	2.1	0.32	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0.63	UG/M3	2.1	0.32	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	2.1	0.46		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-15-0	Carbon Disulfide	5.2	UG/M3	21	0.66	J	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	2.1	0.29		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	2.1	0.27		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	67-66-3	Chloroform	69	UG/M3	2.1	0.29		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	2.1	0.36		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2.1	0.34		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	2.1	0.32		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	4.2	0.62		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	2.1	0.29		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	21	1.5		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-69-4	Freon 11	11	UG/M3	2.1	0.34	FB	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	76-13-1	Freon 113	4500	UG/M3	42	6.3	D	83
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	2.1	0.35		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-71-8	Freon 12	2	UG/M3	2.1	0.36	J FB	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	306-83-2	Freon 123	2.3	UG/M3	2.1	1		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	354-23-4	Freon 123a	730	UG/M3	0		TIC	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	2.1	1		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	2.1	0.35		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	2.1	0.46		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	2.1	0.46		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	4.2	0.58		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2.1	0.26		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-09-2	Methylene Chloride	2.7	UG/M3	2.1	0.62		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	2.1	0.32		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	2.1	0.32		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	2.1	0.36		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	127-18-4	Tetrachloroethene	2.1	UG/M3	2.1	0.29		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	2.1	0.28		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	108-88-3	Toluene	0.27	UG/M3	2.1	0.27	J FB	4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2.1	0.31		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2.1	0.46		4.15
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	79-01-6	Trichloroethene	1200	UG/M3	42	6	D	83
600-SGW-5-102.5	05/02/19	1905020918	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	2.1	0.24		4.15

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	27	3.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	27	2.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	27	6.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	27	3.3		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	27	4.2		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	27	3.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	27	3.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	27	4.7		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	27	4.2		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	27	4.3		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	27	3.3		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	27	4.2		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	270	5.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	27	3.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	53	12		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	27	3.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	27	4.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	270	64		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	27	6.4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	27	5.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	270	8.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	27	3.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	27	3.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	67-66-3	Chloroform	79	UG/M3	27	3.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	27	4.6		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	27	4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	27	4.4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	53	8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	27	3.7		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	270	20		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	27	4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-69-4	Freon 11	13	UG/M3	27	4.3	J	53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	76-13-1	Freon 113	5400	UG/M3	53	8.1	D	106
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	27	4.5		53

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	27	4.6		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	27	13	*	53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	354-23-4	Freon 123a	650	UG/M3	0	0	TIC	53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	27	13		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	27	4.5		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	27	5.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	27	5.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	53	7.4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	27	3.3		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	27	8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	27	4.1		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	27	4.6		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	27	3.7		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	27	3.6		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	27	3.4		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	27	3.9		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	27	5.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	UG/M3	27	3.8		53
600-SGW-5-102.5	01/28/19	1901280858	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	27	3		53
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	38	5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	UG/M3	34	4.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	38	4.1		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	UG/M3	34	3.6		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	38	6		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	34	8.7		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	38	9.9		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	34	4.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	38	4.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	38	6		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	UG/M3	34	5.3		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	UG/M3	34	4		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	38	4.5		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	38	5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	UG/M3	34	4.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	38	6.7		76.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	UG/M3	34	5.9		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	UG/M3	34	5.4		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	38	6.1		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	38	6.3		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	UG/M3	34	5.5		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	UG/M3	34	4.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	38	4.8		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	38	6.1		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	34	5.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	340	7.4		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	380	8.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	38	5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	UG/M3	34	4.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	UG/M3	67	15		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	77	17		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	38	5.5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	UG/M3	34	4.8		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	UG/M3	34	5.7		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	38	6.5		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	38	5.6		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	UG/M3	34	4.9		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	67-64-1	Acetone	0	UG/M3	340	81		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	380	92		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	38	9.2		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	UG/M3	34	8.1		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	71-43-2	Benzene	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	UG/M3	34	7.4		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	38	8.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	UG/M3	340	11		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	380	12		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	UG/M3	34	4.8		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	38	5.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	38	5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	UG/M3	34	4.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	67-66-3	Chloroform	78	UG/M3	34	4.8		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	67-66-3	Chloroform	80	UG/M3	38	5.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	38	6.6		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	UG/M3	34	5.8		67.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	38	6.3		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	34	5.6		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	98-82-8	Cumene	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	77	11		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	UG/M3	67	10		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	UG/M3	34	4.7		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	38	5.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	380	28		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	UG/M3	340	25		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-69-4	Freon 11	13	UG/M3	38	6.2	J	76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-69-4	Freon 11	13	UG/M3	34	5.4	J	67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	76-13-1	Freon 113	6300	UG/M3	34	5.1		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	76-13-1	Freon 113	6500	UG/M3	38	5.8		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	38	6.4		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	UG/M3	34	5.6		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	UG/M3	34	5.8		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	38	6.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	38	18		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	UG/M3	34	16		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	354-23-4	Freon 123a	0	UG/M3	0		*	67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	38	18		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	UG/M3	34	16		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	142-82-5	Heptane	0	UG/M3	34	5.7		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	38	6.5		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	38	8.4		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	UG/M3	34	7.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	110-54-3	Hexane	0	UG/M3	34	7.4		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	38	8.4		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	77	11		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	UG/M3	67	9.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	UG/M3	34	4.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	38	4.8		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	38	11		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	0	UG/M3	34	10		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	38	5.9		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	UG/M3	34	5.2		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	100-42-5	Styrene	0	UG/M3	34	5.8		67.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	38	6.6		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	38	5.3		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	UG/M3	34	4.6		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	UG/M3	34	4.5		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	38	5.1		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	38	5		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	108-88-3	Toluene	0	UG/M3	34	4.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	34	5		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	38	5.7		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	38	8.4		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	34	7.4		67.2
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1600	UG/M3	34	4.8		67.2
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	79-01-6	Trichloroethene	1600	UG/M3	38	5.5		76.5
600-SGW-5-102.5	10/24/18	1810240905	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	38	4.4		76.5
600-SGW-5-102.5	10/24/18	1810240906	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	UG/M3	34	3.8		67.2
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	29	3.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	29	4.3		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	29	3.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	4.7	UG/M3	29	4.3	J	58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	29	7.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	29	4.3		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	29	3.6		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	29	4.6		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	29	3.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	29	3.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	29	5.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	29	4.6		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	29	4.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	29	3.7		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	29	4.6		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.4	UG/M3	290	6.4	J	58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	29	3.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	58	13		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	29	4.2		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	29	4.9		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	29	4.2		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	290	70		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	29	7		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	29	6.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	29	4.3		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	59	UG/M3	290	9.3	J	58

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	29	4.3		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	29	4.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	29	3.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	67-66-3	Chloroform	77	UG/M3	29	4.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	29	5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	29	4.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	29	4.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	58	8.7		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	29	4.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	290	21		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	29	4.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-69-4	Freon 11	13	UG/M3	29	4.7	J	58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	76-13-1	Freon 113	6000	UG/M3	29	4.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	29	4.9		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	29	5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	29	14		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	354-23-4	Freon 123a	750	UG/M3	0		TIC	58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	29	14		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	29	4.9		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	29	6.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	29	6.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	58	8.1		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	29	3.7		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	29	8.7		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	29	4.5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	29	5		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	29	4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	29	3.9		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	29	3.8		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	29	4.3		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	29	6.4		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	79-01-6	Trichloroethene	1600	UG/M3	29	4.2		58
600-SGW-5-102.5	08/15/18	1808151024	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	29	3.3		58
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	5.3	UG/M3	9.7	3.1	J	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	6.2	UG/M3	9.7	3.3	J	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	9.7	3.1		19.3

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	9.7	4.2		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	9.7	2.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5.9	UG/M3	97	4.1	J	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	19	8.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	67-64-1	Acetone	48	UG/M3	97	15	J FB	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	9.7	2.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	9.7	3.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	97	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	67-66-3	Chloroform	83	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	9.7	2.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	19	5.6		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	64-17-5	Ethanol	20	UG/M3	97	15	J	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-69-4	Freon 11	13	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	76-13-1	Freon 113	6800	UG/M3	48	16	D	96.5
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	9.7	3.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	9.7	4.6		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	354-23-4	Freon 123a	730	UG/M3	0		TIC	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	9.7	4.6		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	9.7	2.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	19	5.8		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5.8	UG/M3	9.7	3.3	J	19.3

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	9.7	2.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	3.2	UG/M3	9.7	2.7	J	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	9.7	3.9		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	108-88-3	Toluene	9.4	UG/M3	9.7	3.3	J FB	19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	9.7	3.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	9.7	3.1		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	79-01-6	Trichloroethene	1500	UG/M3	9.7	2.7		19.3
600-SGW-5-102.5	04/27/18	1804271025	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	9.7	3.3		19.3
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	51	22		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	51	14		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	510	21		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	100	43		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	510	79		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	51	11		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	51	19		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	510	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	67-66-3	Chloroform	87	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	51	15		102

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	51	14		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	100	30		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	510	82		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-69-4	Freon 11	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	76-13-1	Freon 113	7200	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	51	19		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	51	24		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	354-23-4	Freon 123a	690	UG/M3	0		TIC	102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	51	24		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	51	14		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	100	31		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-09-2	Methylene Chloride	20	UG/M3	51	17	J	102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	51	15		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	51	14		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	51	20		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	51	17		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	51	19		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	51	16		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	UG/M3	51	14		102
600-SGW-5-102.5	03/06/18	1803060832	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	51	17		102
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	53	23		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	53	15		106

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	530	22		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	110	45		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	530	82		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	53	12		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	53	20		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	530	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	67-66-3	Chloroform	87	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	53	15		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	110	31		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	530	85		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-69-4	Freon 11	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	76-13-1	Freon 113	7100	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	53	20		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	53	25		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	354-23-4	Freon 123a	630	UG/M3	0		TIC	106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	53	25		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	53	15		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	110	32		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	53	16		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	53	15		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	53	21		106

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	53	18		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	53	20		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	53	17		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	UG/M3	53	15		106
600-SGW-5-102.5	10/27/17	1710271045	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	53	18		106
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	42	18		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	420	17		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	83	35		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	420	64		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	42	9.1		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	42	16		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	420	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	67-66-3	Chloroform	98	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	83	24		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	42	13		83

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	420	66		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-69-4	Freon 11	150	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	76-13-1	Freon 113	8800	UG/M3	55	19	D	110.67
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	42	16		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	42	20		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	354-23-4	Freon 123a	890	UG/M3	0		TIC	83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	42	20		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	83	25		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	42	17		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	42	14		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	42	16		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	42	13		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	UG/M3	42	12		83
600-SGW-5-102.5	07/31/17	1707310911	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	42	14		83
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	5.4	ug/m3	5.5	1.8	J	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	7.4	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	5.5	2.4		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	5.5	1.5		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	60	ug/m3	55	2.3		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	591-78-6	2-Hexanone	2.3	ug/m3	5.5	1.8	J	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	11	4.6		11.07

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	67-64-1	Acetone	120	ug/m3	55	8.5		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	1.5	ug/m3	5.5	1.2	J A	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	5.5	2.1		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	55	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	67-66-3	Chloroform	86	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	5.5	1.5		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	11	3.2		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	55	8.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-69-4	Freon 11	14	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	76-13-1	Freon 113	7600	ug/m3	55	19	D	110.67
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	5.5	2.1		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	ug/m3	5.5	1.9	J FB	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	306-83-2	Freon 123	3	ug/m3	5.5	2.7	J	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	354-23-4	Freon 123a	850	ug/m3	0		TIC	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	5.5	2.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	5.5	1.5		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	11	3.3		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-09-2	Methylene Chloride	3.4	ug/m3	5.5	1.9	J	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	5.5	1.7		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.6	ug/m3	5.5	1.5	J	11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	5.5	2.2		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	5.5	1.9		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	5.5	2.1		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	5.5	1.8		11.07
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	ug/m3	55	15	D	110.67
600-SGW-5-102.5	04/24/17	1704241032	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	5.5	1.9		11.07

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	42	18		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	420	17		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	83	35		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	420	64		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	42	9.1		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	42	16		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	420	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	67-66-3	Chloroform	79	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	83	24		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	420	66		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	76-13-1	Freon 113	7100	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	42	16		83

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	42	20		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	354-23-4	Freon 123a	730	ug/m3	0		TIC	83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	42	20		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	83	25		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	42	17		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	42	14		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	42	16		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	42	13		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	42	12		83
600-SGW-5-102.5	01/18/17	1701181323	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	42	14		83
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	26	11		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	26	7.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	260	11		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	52	22		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	260	40		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	26	5.7		52

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	26	9.9		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	260	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	67-66-3	Chloroform	82	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	26	7.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	52	15		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	260	42		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-69-4	Freon 11	14	ug/m3	26	8.8	J	52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	76-13-1	Freon 113	6800	ug/m3	52	18	D	104
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	26	9.9		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	26	12		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	354-23-4	Freon 123a	620	ug/m3	0		TIC	52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	26	12		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	26	7.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	52	16		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	26	7.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	26	7.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	26	10		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	26	8.8		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	26	9.9		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	26	8.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	26	7.3		52
600-SGW-5-102.5	12/06/16	1612061010	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	26	8.8		52
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	56	19		112

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	56	25		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	56	16		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	560	24		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	67-63-0	2-Propanol	180	ug/m3	110	47		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	560	86		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	56	12		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	56	21		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	560	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	67-66-3	Chloroform	91	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	56	16		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	32		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	560	90		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	76-13-1	Freon 113	9300	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	56	21		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	56	27		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	354-23-4	Freon 123a	580	ug/m3	0		TIC	112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	56	27		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	56	19		112

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	56	16		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	34		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	56	17		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	56	16		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	56	22		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	56	19		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	56	21		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	56	18		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	56	16		112
600-SGW-5-102.5	07/13/16	1607130900	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	56	19		112
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	3	ug/m3	7.6	2.4	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	5	ug/m3	7.6	2.6	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	7.6	3.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	7.6	2.1		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	37	ug/m3	76	3.2	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	591-78-6	2-Hexanone	11	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	67-63-0	2-Propanol	6.6	ug/m3	15	6.3	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	3.5	ug/m3	7.6	2.4	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	76	12		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	7.6	1.7		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	7.6	2.9		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	9.1	ug/m3	76	2.3	J FB	15.1

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	67-66-3	Chloroform	54	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	74-87-3	Chloromethane	2.6	ug/m3	7.6	2.3	J FB	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	7.6	2.1		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	15	4.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	64-17-5	Ethanol	22	ug/m3	76	12	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-69-4	Freon 11	9.3	ug/m3	7.6	2.6	FB	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	76-13-1	Freon 113	5000	ug/m3	50	17	D	100.67
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	7.6	2.9		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-71-8	Freon 12	8.1	ug/m3	7.6	2.6	FB	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	7.6	3.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	354-23-4	Freon 123a	630	ug/m3	0		TIC	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	7.6	3.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	7.6	2.1		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	15	4.5		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-09-2	Methylene Chloride	4.1	ug/m3	7.6	2.6	J	15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	7.6	2.3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	7.6	2.1		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	7.6	3		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	108-88-3	Toluene	16	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	7.6	2.9		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	7.6	2.4		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	79-01-6	Trichloroethene	1200	ug/m3	7.6	2.1		15.1
600-SGW-5-102.5	04/20/16	1604201408	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	7.6	2.6		15.1
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	53	17		105.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	53	23		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	53	15		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	530	22		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	44		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	530	81		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	53	12		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	53	20		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	530	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	67-66-3	Chloroform	81	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	53	15		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	31		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	530	84		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	76-13-1	Freon 113	9400	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	53	20		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	53	25		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	354-23-4	Freon 123a	550	ug/m3	0		TIC	105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	53	25		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	53	15		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	32		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-09-2	Methylene Chloride	19	ug/m3	53	18	J	105.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	53	16		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	53	15		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	53	21		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	53	18		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	53	20		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	53	17		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	ug/m3	53	15		105.33
600-SGW-5-102.5	01/20/16	1601201355	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	53	18		105.33
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	4.8	ug/m3	13	4.3	J	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	9	ug/m3	13	4.6	J	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	13	5.9		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	13	3.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	130	5.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	67-63-0	2-Propanol	18	ug/m3	27	11	J FB	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	130	21		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	13	2.9		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	13	5.1		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	130	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	67-66-3	Chloroform	68	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	13	4		26.8

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	13	3.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	27	7.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	130	21		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-69-4	Freon 11	12	ug/m3	13	4.6	J FB	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	76-13-1	Freon 113	7200	ug/m3	45	15	D	89.33
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	13	5.1		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	13	6.4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	354-23-4	Freon 123a	580	ug/m3	0		TIC	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	13	6.4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	13	3.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	27	8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-09-2	Methylene Chloride	7.7	ug/m3	13	4.6	J	26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	13	4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	13	3.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	13	5.4		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	13	5.1		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	13	4.3		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	79-01-6	Trichloroethene	1600	ug/m3	13	3.8		26.8
600-SGW-5-102.5	10/22/15	1510220955	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	13	4.6		26.8
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	6.9	ug/m3	17	5.3	J	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	16	ug/m3	17	5.6	J	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	17	7.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	17	4.6		33.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.6	ug/m3	170	7	J FB	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	33	14		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	67-64-1	Acetone	59	ug/m3	170	26	J FB	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	17	3.7		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	17	6.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	170	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	67-66-3	Chloroform	100	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	17	4.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	33	9.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	170	27		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-69-4	Freon 11	16	ug/m3	17	5.6	J	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	76-13-1	Freon 113	6800	ug/m3	83	28	D	166
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	17	6.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	17	8		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	354-23-4	Freon 123a	730	ug/m3	0		TIC	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	17	8		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	17	4.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	33	10		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-09-2	Methylene Chloride	6.9	ug/m3	17	5.6	J	33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	17	5		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	17	4.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	17	6.6		33.2

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	17	6.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	17	5.3		33.2
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	83	23	D	166
600-SGW-5-102.5	08/04/15	1508040910	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	17	5.6		33.2
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	54	24		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	54	15		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	540	23		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	46		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	540	84		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	54	12		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	54	21		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	540	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	67-66-3	Chloroform	110	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	54	15		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	32		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	54	17		108.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	540	87		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-69-4	Freon 11	20	ug/m3	54	18	J	108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	76-13-1	Freon 113	11000	ug/m3	160	55	D	326
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	54	21		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	54	26		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	54	26		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	54	15		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	33		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	54	16		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	54	15		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	54	22		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	54	18		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	54	21		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	54	17		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	79-01-6	Trichloroethene	2700	ug/m3	54	15		108.67
600-SGW-5-102.5	04/16/15	1505200845	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	54	18		108.67
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	8.3	3.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	8.3	2.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	83	3.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	17	7		16.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	67-64-1	Acetone	24	ug/m3	83	13	J FB	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	8.3	1.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	8.3	3.2		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	83	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	67-66-3	Chloroform	15	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	8.3	2.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	17	4.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	83	13		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-69-4	Freon 11	3.7	ug/m3	8.3	2.8	J FB	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	76-13-1	Freon 113	1800	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	8.3	3.2		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	8.3	4		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	8.3	4		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	142-82-5	Heptane	2.9	ug/m3	8.3	2.8	J	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	8.3	2.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	17	5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	8.3	2.8		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5.7	ug/m3	8.3	2.8	J	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	8.3	2.5		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	8.3	2.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	8.3	3.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	108-88-3	Toluene	5.3	ug/m3	8.3	2.8	J FB	16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	8.3	3.2		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	8.3	2.7		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	79-01-6	Trichloroethene	330	ug/m3	8.3	2.3		16.6
600-SGW-5-102.5	01/28/15	1501281014	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	8.3	2.8		16.6

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	47	21		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	47	13		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	470	20		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	94	39		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	470	72		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	47	10		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	47	18		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	470	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	67-66-3	Chloroform	86	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	47	13		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	94	27		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	470	75		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-69-4	Freon 11	17	ug/m3	47	16	J	94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	140	48	D	282
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	47	18		94

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	47	23		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	354-23-4	Freon 123a	520	ug/m3	0		TIC	94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	47	23		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	47	13		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	94	28		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	47	14		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	47	13		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	47	19		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	47	16		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	47	18		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	47	15		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	47	13		94
600-SGW-5-102.5	11/20/14	1411201035	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	47	16		94
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	79	35		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	79	22		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	790	33		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	67-63-0	2-Propanol	89	ug/m3	160	66	J FB	158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	790	120		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	79	17		158

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	79	30		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	790	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	67-66-3	Chloroform	70	ug/m3	79	27	J	158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	79	22		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	46		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	790	130		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	76-13-1	Freon 113	9600	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	79	30		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	79	38		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	354-23-4	Freon 123a	410	ug/m3	0		TIC	158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	79	38		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	79	22		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	160	47		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	79	27		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	79	24		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	79	22		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	79	32		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	108-88-3	Toluene	28	ug/m3	79	27	J FB	158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	79	30		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	79	25		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	79	22		158
600-SGW-5-102.5	10/09/14	1410091042	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	79	27		158
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	54	18		108

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	54	24		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	54	15		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	540	23		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	45		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	540	83		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	54	12		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	54	21		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	540	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	67-66-3	Chloroform	120	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	54	15		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	31		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	540	86		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	76-13-1	Freon 113	10000	ug/m3	410	140	D	810
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	54	21		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	54	26		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	354-23-4	Freon 123a	890	ug/m3	0		TIC *	108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	54	26	*	108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	54	18		108

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	54	15		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	32		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	54	16		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	54	15		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	54	22		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	54	18		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	54	21		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	54	17		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	79-01-6	Trichloroethene	3000	ug/m3	54	15		108
600-SGW-5-102.5	07/30/14	1407301000	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	54	18		108
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	5.7	ug/m3	6.3	2	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	14	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	6.3	2.8		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	6.3	1.8		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	9.7	ug/m3	63	2.7	J TB	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	591-78-6	2-Hexanone	2.1	ug/m3	6.3	2	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	13	5.3		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	67-64-1	Acetone	37	ug/m3	63	9.7	J TB	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	6.3	1.4		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	6.3	2.4		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	2.1	ug/m3	63	1.9	J TB	12.65

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	67-66-3	Chloroform	82	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	6.3	1.8		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	110-82-7	Cyclohexane	6.4	ug/m3	13	3.7	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	63	10		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-69-4	Freon 11	15	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	76-13-1	Freon 113	9400	ug/m3	63	22	D	126.5
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	6.3	2.4		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	ug/m3	6.3	2.2	J FB	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	306-83-2	Freon 123	3.7	ug/m3	6.3	3	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	354-23-4	Freon 123a	570	ug/m3	0		TIC	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	6.3	3		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	6.3	1.8		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	110-54-3	Hexane	2.5	ug/m3	6.3	1.9	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	13	3.8		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-09-2	Methylene Chloride	5.6	ug/m3	6.3	2.2	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	6.3	1.9		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.5	ug/m3	6.3	1.8	J	12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	6.3	2.5		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	108-88-3	Toluene	34	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	6.3	2.4		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	6.3	2		12.65
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	63	18	D	126.5
600-SGW-5-102.5	04/21/14	1404211330	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	6.3	2.2		12.65
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	11	ug/m3	17	5.9	J	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	17	5.6		34.75

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	17	7.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	17	4.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	170	7.3		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	67-63-0	2-Propanol	44	ug/m3	35	15		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	170	27		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	17	3.8		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	17	6.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	170	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	67-66-3	Chloroform	58	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	17	4.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	110-82-7	Cyclohexane	13	ug/m3	35	10	J	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	64-17-5	Ethanol	29	ug/m3	170	28	J	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-69-4	Freon 11	13	ug/m3	17	5.9	J	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	76-13-1	Freon 113	7200	ug/m3	70	24	D	139
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	17	6.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	17	8.3		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	17	8.3		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	17	4.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	110-54-3	Hexane	6.6	ug/m3	17	5.2	J FB	34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	35	10		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-09-2	Methylene Chloride	6	ug/m3	17	5.9	J	34.75

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	17	5.2		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	17	4.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	17	7		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	108-88-3	Toluene	56	ug/m3	17	5.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	17	6.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	17	5.6		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	79-01-6	Trichloroethene	1400	ug/m3	17	4.9		34.75
600-SGW-5-102.5	01/29/14	1401291000	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	17	5.9		34.75
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	98	43		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	98	27		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	980	41		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	200	82		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	980	150		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	98	21		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	98	37		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	980	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	67-66-3	Chloroform	100	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	98	29		195

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	98	27		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	200	57		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	980	160		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	76-13-1	Freon 113	16000	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	98	37		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	98	47		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	354-23-4	Freon 123a	660	ug/m3	0		TIC	195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	98	47		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	98	27		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	200	59		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	98	29		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	98	27		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	98	39		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	98	33		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	98	37		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	98	31		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	79-01-6	Trichloroethene	2500	ug/m3	98	27		195
600-SGW-5-102.5	11/13/13	1311131320	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	98	33		195
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	2	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	1.9	ug/m3	1.9	0.66	J	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	7.6	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	8.1	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	26	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	25	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	2.2	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.9	0.62		3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	1.9	0.85		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1.9	0.85		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	7.5	ug/m3	19	0.81	J FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5.6	ug/m3	19	0.81	J FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	1.3	ug/m3	1.9	0.62	J	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	591-78-6	2-Hexanone	1.7	ug/m3	1.9	0.62	J	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	67-63-0	2-Propanol	1.7	ug/m3	3.9	1.6	J	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	ug/m3	3.9	1.6		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	67-64-1	Acetone	39	ug/m3	19	3	FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	67-64-1	Acetone	33	ug/m3	19	3	FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.9	0.43		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1.9	0.43		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	7.1	ug/m3	19	0.58	J FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	11	ug/m3	19	0.58	J FB	3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	67-66-3	Chloroform	110	ug/m3	1.9	0.66	A	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	67-66-3	Chloroform	110	ug/m3	1.9	0.66	A	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	3.9	1.1		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3.9	1.1		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	64-17-5	Ethanol	3.6	ug/m3	19	3.1	J	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	19	3.1		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-69-4	Freon 11	23	ug/m3	1.9	0.66	A	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-69-4	Freon 11	22	ug/m3	1.9	0.66	A	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	76-13-1	Freon 113	5100	ug/m3	42	14	D	83.6
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	76-13-1	Freon 113	13000	ug/m3	120	39	D	230
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	ug/m3	1.9	0.66	FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-71-8	Freon 12	2.4	ug/m3	1.9	0.66	FB	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	306-83-2	Freon 123	6.5	ug/m3	1.9	0.93		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	306-83-2	Freon 123	6.1	ug/m3	1.9	0.93		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	354-23-4	Freon 123a	830	ug/m3	0		TIC	3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	354-23-4	Freon 123a	840	ug/m3	0		TIC	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1.9	0.93		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	1.9	0.93		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	1.3	ug/m3	3.9	1.2	J FB	3.88

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	3.9	1.2		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-09-2	Methylene Chloride	4	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	4.2	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	95-47-6	o-Xylene	0.6	ug/m3	1.9	0.58	J	3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1.9	0.58		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.8	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	2.8	ug/m3	1.9	0.54		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	1.9	0.78		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1.9	0.78		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	108-88-3	Toluene	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1.9	0.74		3.88
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1.9	0.62		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1800	ug/m3	120	32	D	230
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	79-01-6	Trichloroethene	650	ug/m3	42	12	D	83.6
600-SGW-5-102.5	07/16/13	1307160755	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	07/16/13	1307160756	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	1.9	0.66		3.88
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	110	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	110	40		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	110	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	1100	44		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	110	42		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	220	75		220

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	1100	240		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	1100	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	67-66-3	Chloroform	100	ug/m3	110	31	J	220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	110	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	220	57		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	1100	200		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	110	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	76-13-1	Freon 113	16000	ug/m3	110	44		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	110	53		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	110	53		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	220	64		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-09-2	Methylene Chloride	50	ug/m3	110	33	J	220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	110	35		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	110	37		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	110	26		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	110	57		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	110	33		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	110	29		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	79-01-6	Trichloroethene	2500	ug/m3	110	31		220
600-SGW-5-102.5	03/25/13	1303250842	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	110	33		220

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	53	14		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	21	ug/m3	53	17	J	106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	53	19		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	53	14		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	530	21		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	53	20		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	36		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	530	120		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	530	14		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	67-66-3	Chloroform	76	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	53	14		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	28		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	530	98		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-69-4	Freon 11	15	ug/m3	53	14	J	106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	76-13-1	Freon 113	14000	ug/m3	160	64	D	320
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	53	15		106.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	53	26		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	354-23-4	Freon 123a	430	ug/m3	0		TIC	106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	53	25		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	31		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-09-2	Methylene Chloride	21	ug/m3	53	16	J	106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	53	17		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	53	18		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	53	13		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	53	28		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	53	16		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	53	14		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	53	15		106.67
600-SGW-5-102.5	06/14/12	1206141013	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	53	16		106.67
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	82	39		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	82	31		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	82	34		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	820	37		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	82	29		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	160	65		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	820	140		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	82	24		163

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	82	31		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	820	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	82	31		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	67-66-3	Chloroform	73	ug/m3	82	31	J	163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	82	31		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	82	29		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	54		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	820	260		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	76-13-1	Freon 113	16000	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	82	29		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	82	39		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	354-23-4	Freon 123a	420	ug/m3	0		TIC	163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	82	37		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	82	29		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	160	47		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-09-2	Methylene Chloride	29	ug/m3	82	24	J	163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	82	23		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	82	36		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	82	28		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	82	26		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	ug/m3	82	24		163
600-SGW-5-102.5	03/24/12	1203241426	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	82	31		163
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	82	26		164

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	91	44		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	82	39		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	100	48		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	91	35		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	82	31		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	100	38		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	100	42		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	82	34		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	91	38		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	82	28		164

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	910	42		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	820	38		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	1000	46		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	100	36		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	82	30		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	91	33		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	180	73		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	160	66		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	200	80		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	910	160		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	820	140		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	1000	180		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	100	38		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	82	31		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	91	35		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	910	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	820	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	1000	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	82	26		164

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	100	38		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	82	31		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	91	35		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	67-66-3	Chloroform	77	ug/m3	91	35	J	182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	67-66-3	Chloroform	73	ug/m3	82	31	J	164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	67-66-3	Chloroform	76	ug/m3	100	38	J	200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	100	38		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	82	31		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	91	35		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	91	33		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	82	30		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	100	36		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	200	66		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	54		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	180	60		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	1000	320		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	820	260		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	910	290		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	76-13-1	Freon 113	15000	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	76-13-1	Freon 113	13000	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	76-13-1	Freon 113	15000	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	91	33		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	82	30		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	100	36		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	100	48		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	82	39		164

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	91	44		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	354-23-4	Freon 123a	500	ug/m3	0		TIC	164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	100	46		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	82	38		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	91	42		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	100	36		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	82	30		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	91	33		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	82	28		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	200	58		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	160	48		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	180	53		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-09-2	Methylene Chloride	37	ug/m3	100	30	J	200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-09-2	Methylene Chloride	35	ug/m3	82	25	J	164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-09-2	Methylene Chloride	34	ug/m3	91	27	J	182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	82	23		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	100	28		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	30	ug/m3	82	23	J	164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	91	26		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	91	40		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	82	36		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	100	44		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	91	31		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	82	28		164

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	100	34		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	100	32		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	82	26		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	91	29		182.22
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	91	27		182.22
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	82	25		164
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	79-01-6	Trichloroethene	2000	ug/m3	100	30		200
600-SGW-5-102.5	03/23/12	1203231151	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	100	38		200
600-SGW-5-102.5	03/23/12	1203230936	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	82	31		164
600-SGW-5-102.5	03/23/12	1203231747	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	91	35		182.22
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	81	39		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	55	26		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	100	49		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	110	53		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	55	19		109.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	81	31		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	55	21		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	100	39		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	110	42		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	110	47		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	100	43		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	55	23		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	81	34		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	810	37		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	550	25		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	1000	47		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	1100	51		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	110	40		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	100	37		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	55	20		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	81	29		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	160	64		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	44		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	200	82		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	220	89		222.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	810	140		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	550	96		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	1000	180		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	1100	200		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	110	42		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	100	39		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	55	21		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	81	31		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	810	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	550	16		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	1000	31		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	1100	33		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	81	26		161

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	110	42		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	100	39		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	55	21		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	81	31		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	67-66-3	Chloroform	78	ug/m3	81	31	J	161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	67-66-3	Chloroform	42	ug/m3	55	21	J	109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	67-66-3	Chloroform	72	ug/m3	100	39	J	203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	67-66-3	Chloroform	77	ug/m3	110	42	J	222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	110	42		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	100	39		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	55	21		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	81	31		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	81	29		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	55	20		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	100	37		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	110	40		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	220	73		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	200	67		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	36		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	160	53		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	1100	360		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	1000	330		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	550	170		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	810	260		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	100	33		203.75

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	76-13-1	Freon 113	15000	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	76-13-1	Freon 113	7700	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	76-13-1	Freon 113	15000	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	76-13-1	Freon 113	15000	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	81	29		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	55	20		109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	100	37		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	110	40		222.5
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	110	53		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	100	49		203.75
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	55	26		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	81	39		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	NA	Freon 123a	470	ug/m3	0		TIC	161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	109.33
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	100	47		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	110	51		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	55	25		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	81	37		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	100	37		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	110	40		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	55	20		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	81	29		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	200	59		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	220	65		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	110	32		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	160	47		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	110	33		222.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-09-2	Methylene Chloride	36	ug/m3	100	31	J	203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-09-2	Methylene Chloride	39	ug/m3	110	33	J	222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-09-2	Methylene Chloride	20	ug/m3	55	16	J	109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-09-2	Methylene Chloride	32	ug/m3	81	24	J	161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	100	29		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	110	31		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	55	15		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	81	23		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	81	35		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	55	24		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	110	49		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	100	45		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	81	27		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	55	19		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	110	38		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	100	35		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	100	33		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	110	36		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	55	17		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	81	26		161
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	79-01-6	Trichloroethene	2100	ug/m3	81	24		161
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	79-01-6	Trichloroethene	1100	ug/m3	55	16		109.33
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	79-01-6	Trichloroethene	1900	ug/m3	110	33		222.5
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	79-01-6	Trichloroethene	1800	ug/m3	100	31		203.75
600-SGW-5-102.5	03/22/12	1203221701	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	100	39		203.75
600-SGW-5-102.5	03/22/12	1203221527	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	110	42		222.5
600-SGW-5-102.5	03/22/12	1203221410	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	55	21		109.33
600-SGW-5-102.5	03/22/12	1203221018	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	81	31		161

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	24	5.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	30	4.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	24	4		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	18	3.5		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	53	ug/m3	17	3.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	130	19		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	21	2.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	33	4.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	26	5.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	18	3.1		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	20	3		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	21	2.4		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	9.6	5.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	26	3.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	26	4.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	62	11		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	20	1.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	51	5.7		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	71	8.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	43	4.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	54	15		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	21	3.3		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	18	3.1		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	41	9.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	22	3.4		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	14	1.4		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	29	3		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	45	6.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	17	3.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	54	7.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	27	3.5		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	20	3.5		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	46	6.7		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	67-66-3	Chloroform	71	ug/m3	21	3.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	36	10		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	17	4.6		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	20	4		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	21	2.3		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	15	3.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	37	4.7		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-43-4	Dichlorofluoromethane	0	ug/m3	73	19		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	33	6.1		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	19	3.5		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-69-4	Freon 11	22	ug/m3	24	6.8	J	8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	76-13-1	Freon 113	9800	ug/m3	33	8		8.68

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	30	7		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	21	3.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	110	20		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	354-23-4	Freon 123a	220	ug/m3	540	20	J	8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	18	2.1		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	180	29		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	15	2.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	19	4.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	16	1.8		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-09-2	Methylene Chloride	3.9	ug/m3	15	1.6	J	8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	19	1.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	21	2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	18	2.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	29	5.9		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	13	2.7		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	16	2.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	17	6.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	20	3.2		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	79-01-6	Trichloroethene	1700	ug/m3	23	4.5		8.68
600-SGW-5-102.5	11/03/11	1111030958	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	11	1.8		8.68
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	56	7.3		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	56	6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	56	8.7		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	60	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	56	14		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	56	6.9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	56	8.8		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	56	6.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	56	7.3		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	56	9.8		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	56	8.9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	56	9.1		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	56	7		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	56	8.9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	560	12		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	56	7.3		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	110	24		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	56	8		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	56	9.5		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	56	8.1		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	560	130		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	56	13		111.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	56	12		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	560	18		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	56	7.9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	56	7.3		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	67-66-3	Chloroform	92	UG/M3	56	7.9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	56	9.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	56	8.4		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	56	9.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	110	17		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	56	7.8		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	560	41		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	56	8.4		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-69-4	Freon 11	770	UG/M3	56	9		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	76-13-1	Freon 113	83000	UG/M3	1700	250	D	3340
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	56	9.4		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	56	9.7		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	306-83-2	Freon 123	30	UG/M3	56	27	J	111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	354-23-4	Freon 123a	1000	UG/M3	0		TIC	111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	56	27		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	56	9.5		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	56	12		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	56	12		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	110	16		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	56	7		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	56	17		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	56	8.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	56	9.6		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	56	7.7		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	56	7.5		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	56	7.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	56	8.2		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	56	12		111.33
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	79-01-6	Trichloroethene	6100	UG/M3	1700	240	D	3340
600-SGW-5-137.5	01/25/23	2301251054	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	56	6.3		111.33
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	79	10		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	79	8.5		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	38	UG/M3	79	12	J	157

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	79	20		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	79	9.7		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	79	9.3		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	79	10		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	79	14		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	79	9.9		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	790	17		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	79	10		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	160	35		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	790	190		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	79	19		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	79	17		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	790	25		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	79	10		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	67-66-3	Chloroform	70	UG/M3	79	11	J	157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	79	14		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	160	24		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	790	58		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-69-4	Freon 11	500	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	76-13-1	Freon 113	120000	UG/M3	1600	240	D	3140
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	79	13		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	79	14		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	79	38		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	354-23-4	Freon 123a	7200	UG/M3	0		TIC	157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	79	38		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	79	13		157

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	79	17		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	79	17		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	160	22		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	79	9.9		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	79	24		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	79	14		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	79	10		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	79	12		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	79	17		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	79-01-6	Trichloroethene	10000	UG/M3	79	11		157
600-SGW-5-137.5	10/25/22	2210250930	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	79	8.9		157
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	180	24		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	180	19		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	36	UG/M3	180	27	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	180	47		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	180	22		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	180	21		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	180	24		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	180	32		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	180	29		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	180	30		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	180	23		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	180	29		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	100	UG/M3	1800	40	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	180	24		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	360	79		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	180	26		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	180	31		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	180	26		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	1800	430		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	180	43		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	180	40		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	1800	58		360

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	180	26		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	180	24		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	67-66-3	Chloroform	67	UG/M3	180	26	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	180	31		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	180	30		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	360	54		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	180	25		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	64-17-5	Ethanol	260	UG/M3	1800	130	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-69-4	Freon 11	410	UG/M3	180	29		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	76-13-1	Freon 113	89000	UG/M3	600	91	D	1200
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	180	30		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	180	31		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	180	86		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	354-23-4	Freon 123a	1200	UG/M3	0		TIC	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	180	86		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	180	31		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	180	40		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	180	40		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	179601-23-1	m,p-Xylene	54	UG/M3	360	50	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	180	23		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-09-2	Methylene Chloride	93	UG/M3	180	54	J	360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	180	28		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	180	31		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	180	25		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	180	24		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	180	23		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	180	27		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	180	40		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	79-01-6	Trichloroethene	8200	UG/M3	180	26		360
600-SGW-5-137.5	07/26/22	2207261031	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	180	21		360
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	450	59		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	450	49		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	450	70		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	450	120		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	450	56		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	450	71		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	450	53		900

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	450	59		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	450	79		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	450	72		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	450	74		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	450	57		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	450	72		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	4500	99		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	450	59		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	900	200		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	450	65		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	450	77		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	450	66		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	4500	1100		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	450	110		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	450	99		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	4500	140		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	450	64		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	450	59		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	67-66-3	Chloroform	0	UG/M3	450	64		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	450	77		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	450	68		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	450	75		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	900	140		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	450	63		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	4500	330		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	450	68		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-69-4	Freon 11	340	UG/M3	450	73	J	900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	76-13-1	Freon 113	81000	UG/M3	450	68		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	450	76		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	450	78		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	450	220		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	450	220		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	450	77		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	450	99		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	450	99		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	900	130		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	450	57		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	450	140		900

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	450	69		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	450	77		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	450	62		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	450	60		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	450	59		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	450	67		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	450	99		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	79-01-6	Trichloroethene	5700	UG/M3	450	65		900
600-SGW-5-137.5	04/20/22	2204201008	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	450	51		900
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	170	23		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	170	19		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	26	UG/M3	170	26	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	170	45		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	170	22		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	170	21		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	170	23		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	170	31		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	170	28		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	170	29		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	170	22		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	170	28		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	1700	38		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	170	23		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	350	77		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	170	25		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	170	30		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	170	25		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	1700	420		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	170	42		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	170	38		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	1700	56		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	170	25		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	170	23		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	67-66-3	Chloroform	44	UG/M3	170	25	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	170	30		348

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	170	29		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	350	52		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	170	24		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	64-17-5	Ethanol	400	UG/M3	1700	130	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-69-4	Freon 11	360	UG/M3	170	28		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	76-13-1	Freon 113	92000	UG/M3	870	130		1740
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	170	29		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	170	30		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	170	84		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	354-23-4	Freon 123a	630	UG/M3	0		TIC	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	170	84		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	170	30		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	170	38		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	170	38		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	350	49		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	170	22		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-09-2	Methylene Chloride	150	UG/M3	170	52	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	170	27		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	170	30		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	127-18-4	Tetrachloroethene	84	UG/M3	170	24	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	170	23		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	108-88-3	Toluene	25	UG/M3	170	23	J	348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	170	26		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	170	38		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	79-01-6	Trichloroethene	6200	UG/M3	170	25		348
600-SGW-5-137.5	01/19/22	2201191034	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	170	20		348
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	180	23		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	180	19		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	30	UG/M3	180	26	J	352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	180	46		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	180	22		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	180	28		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	180	21		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	180	23		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	180	31		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	180	28		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	180	29		352

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	180	22		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	180	28		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	1800	39		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	180	23		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	350	77		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	180	25		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	180	30		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	1800	420		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	180	42		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	180	39		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	1800	56		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	180	25		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	180	23		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	67-66-3	Chloroform	59	UG/M3	180	25	J	352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	180	30		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	180	29		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	350	53		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	180	25		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	1800	130		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-69-4	Freon 11	430	UG/M3	180	29		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	76-13-1	Freon 113	98000	UG/M3	880	130	D	1760
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	180	30		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	180	31		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	180	84		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	180	84		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	180	30		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	180	39		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	180	39		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	350	49		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	180	22		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	180	53		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	180	27		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	180	30		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	180	24		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	29	UG/M3	180	24	J	352

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	180	23		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	180	26		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	180	39		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	79-01-6	Trichloroethene	7400	UG/M3	180	25		352
600-SGW-5-137.5	10/21/21	2110211046	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	180	20		352
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	54	7.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	54	8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	54	5.9		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	54	8.5		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	47	UG/M3	54	8	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	54	14		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	54	8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	54	6.7		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	54	8.6		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	54	6.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	54	7.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	54	8.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	54	9.6		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	54	8.7		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	54	8.9		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	54	6.8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	54	8.7		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	540	12		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	54	7.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	67-63-0	2-Propanol	27	UG/M3	110	24	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	54	7.8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	54	9.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	54	7.9		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	540	130		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	54	13		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	71-43-2	Benzene	8.6	UG/M3	54	8.4	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	54	8.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	54	12		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	54	8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	540	17		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	54	8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	54	7.7		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	54	7.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	67-66-3	Chloroform	100	UG/M3	54	7.7		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	54	9.3		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	54	8.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	54	9		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	54	8.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	110	16		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	54	7.6		108.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	64-17-5	Ethanol	94	UG/M3	540	40	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	54	8.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-69-4	Freon 11	600	UG/M3	54	8.8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	76-13-1	Freon 113	140000	UG/M3	1600	250	D	3260
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	54	9.1		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-71-8	Freon 12	12	UG/M3	54	9.5	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	54	26		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	354-23-4	Freon 123a	780	UG/M3	0		TIC	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	54	26		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	54	9.2		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	54	12		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	54	12		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	110	15		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	54	6.8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-09-2	Methylene Chloride	43	UG/M3	54	16	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	54	8.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	54	8.4		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	54	9.3		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	54	7.5		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	54	7.3		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	108-88-3	Toluene	11	UG/M3	54	7.1	J	108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	54	8		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	54	12		108.67
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	79-01-6	Trichloroethene	11000	UG/M3	1600	230	D	3260
600-SGW-5-137.5	07/27/21	2107270826	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	54	6.2		108.67
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	54	7.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	54	8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	54	5.9		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	54	8.5		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	42	UG/M3	54	8	J	109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	54	14		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	54	8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	54	6.7		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	54	8.6		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	54	6.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	54	7.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	54	9.6		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	54	8.7		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	54	8.9		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	54	6.8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	54	8.7		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	540	12		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	54	7.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	110	24		109

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	54	7.8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	54	9.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	54	7.9		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	540	130		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	54	13		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	54	12		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	54	8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	540	17		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	54	8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	54	7.7		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	54	7.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	67-66-3	Chloroform	67	UG/M3	54	7.7		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	54	9.3		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	54	8.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	54	9		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	110	16		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	54	7.6		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	540	40		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	54	8.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-69-4	Freon 11	370	UG/M3	54	8.8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	76-13-1	Freon 113	110000	UG/M3	1600	250	D	3260
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	54	9.1		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	54	9.5		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	54	26		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	354-23-4	Freon 123a	620	UG/M3	0		TIC	109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	54	26		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	54	9.2		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	54	12		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	54	12		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	110	15		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	54	6.8	A	109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	54	16		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	54	8.4		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	54	9.3		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	127-18-4	Tetrachloroethene	19	UG/M3	54	7.5	J	109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	54	7.3		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	54	7.1		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	54	8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	54	12		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	79-01-6	Trichloroethene	8500	UG/M3	54	7.8		109
600-SGW-5-137.5	04/27/21	2104271021	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	54	6.2		109

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	6	0.79		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	6	0.64		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	1.7	UG/M3	6	0.93	J	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	11	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	6	1.6		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	6	0.74		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	6	0.94		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	6	0.7		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	6	0.79		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	6	0.92		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	6	1		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	6	0.95		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	6	0.98		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	6	0.75		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	6	0.95		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	60	1.3		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	6	0.79		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	12	2.6		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	6	0.86		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	6	1		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	6	0.87		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	60	14		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	6	1.4		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	71-43-2	Benzene	1.5	UG/M3	6	0.92	J	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	6	0.92		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	6	1.3		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	60	1.9		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	6	0.85		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	6	0.79		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	67-66-3	Chloroform	24	UG/M3	6	0.85		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	6	1		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	1.4	UG/M3	6	0.89	J	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	6	0.99		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	6	0.92		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	12	1.8		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	6	0.83		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	60	4.4		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	6	0.89		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-69-4	Freon 11	170	UG/M3	6	0.97		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	76-13-1	Freon 113	39000	UG/M3	260	39	D	516.67
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	6	1		11.92

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-71-8	Freon 12	2.7	UG/M3	6	1	J	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	306-83-2	Freon 123	8.4	UG/M3	6	2.9		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	354-23-4	Freon 123a	330	UG/M3	0		TIC	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	6	2.9		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	6	1		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	6	1.3		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	6	1.3		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	12	1.7		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	6	0.75		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	6	1.8		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	6	0.92		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	6	0.92		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	6	1		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0.95	UG/M3	6	0.82	J	11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	6	0.8		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	6	0.78		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	6	0.88		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	6	1.3		11.92
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	79-01-6	Trichloroethene	2600	UG/M3	260	37	D	516.67
600-SGW-5-137.5	01/19/21	2101191103	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	6	0.68		11.92
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	940	100		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	940	150		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	940	240		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	730	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	940	150		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	940	110		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	270	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	940	170		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	940	150		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	270	UG/M3	940	150	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	940	150		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1100	UG/M3	9400	210	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	1900	410		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	260	UG/M3	940	160	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	67-64-1	Acetone	2700	UG/M3	9400	2300	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	940	230		1880

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	71-43-2	Benzene	550	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	940	210		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	9400	300		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	940	130		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	67-66-3	Chloroform	0	UG/M3	940	130		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	98-82-8	Cumene	190	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	1900	280		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	940	130		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	64-17-5	Ethanol	3300	UG/M3	9400	690	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	100-41-4	Ethyl Benzene	1900	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-69-4	Freon 11	650	UG/M3	940	150	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	76-13-1	Freon 113	150000	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	940	450		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	940	450		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	940	210		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	940	210		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	179601-23-1	m,p-Xylene	2500	UG/M3	1900	260		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	940	280		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	95-47-6	o-Xylene	860	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	103-65-1	Propylbenzene	180	UG/M3	940	140	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	940	160		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	127-18-4	Tetrachloroethene	200	UG/M3	940	130	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	390	UG/M3	940	130	J	1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	108-88-3	Toluene	1800	UG/M3	940	120		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	940	210		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	79-01-6	Trichloroethene	14000	UG/M3	940	140		1880
600-SGW-5-137.5	10/29/20	2010291100	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	940	110		1880
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	870	94		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	870	130		1740

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	320	UG/M3	870	230	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	870	100		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	550	UG/M3	8700	190	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	67-63-0	2-Propanol	1700	UG/M3	1700	380	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	8700	2100		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	870	210		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	870	190		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-15-0	Carbon Disulfide	460	UG/M3	8700	280	J RB	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	870	120		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	67-66-3	Chloroform	120	UG/M3	870	120	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	870	140		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	1700	260		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	870	120		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	64-17-5	Ethanol	4000	UG/M3	8700	640	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-69-4	Freon 11	840	UG/M3	870	140	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	76-13-1	Freon 113	220000	UG/M3	1700	260	D	3480
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	870	420		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	870	420		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	870	150		1740

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	870	190		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	870	190		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	179601-23-1	m,p-Xylene	330	UG/M3	1700	240	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	870	110		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-09-2	Methylene Chloride	670	UG/M3	870	260	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	870	150		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	127-18-4	Tetrachloroethene	810	UG/M3	870	120	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	870	120		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	108-88-3	Toluene	210	UG/M3	870	110	J	1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	870	190		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	79-01-6	Trichloroethene	17000	UG/M3	870	130		1740
600-SGW-5-137.5	07/22/20	2007220804	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	870	99		1740
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	260	35		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	260	28		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	260	41		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	260	68		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	260	32		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	260	41		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	260	31		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	260	35		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	260	46		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	260	42		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	260	43		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	260	33		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	260	42		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	2600	58		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	260	35		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	520	120		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	260	38		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	260	44		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	260	38		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	2600	630		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	260	63		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	260	58		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	2600	84		523.08

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	260	37		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	260	35		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	67-66-3	Chloroform	91	UG/M3	260	37	J	523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	260	45		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	260	43		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	520	78		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	260	37		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	64-17-5	Ethanol	350	UG/M3	2600	190	J	523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-69-4	Freon 11	730	UG/M3	260	42		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	76-13-1	Freon 113	170000	UG/M3	1300	200	D	2615.38
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	260	44		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	260	46		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	260	130		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	354-23-4	Freon 123a	1500	UG/M3	0		TIC	523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	260	130		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	260	44		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	260	58		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	260	58		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	520	73		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	260	33		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	260	78		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	260	40		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	260	45		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	260	36		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	260	35		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	260	34		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	260	39		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	260	58		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	79-01-6	Trichloroethene	15000	UG/M3	260	38		523.08
600-SGW-5-137.5	04/27/20	2004271036	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	260	30		523.08
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	360	47		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	360	39		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	360	56		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	360	93		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	360	44		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	360	57		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	360	42		716

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	360	47		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	360	63		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	360	57		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	360	59		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	360	45		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	360	57		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	3600	79		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	360	47		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	720	160		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	360	52		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	360	61		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	360	52		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	3600	860		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	360	86		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	360	79		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	3600	110		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	360	51		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	360	47		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	67-66-3	Chloroform	87	UG/M3	360	51	J	716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	360	62		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	360	54		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	360	59		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	720	110		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	360	50		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	64-17-5	Ethanol	1100	UG/M3	3600	260	J	716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	360	54		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-69-4	Freon 11	700	UG/M3	360	58		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	76-13-1	Freon 113	210000	UG/M3	1800	270	D	3580
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	360	60		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	360	62		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	360	170		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	360	170		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	360	61		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	360	79		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	360	79		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	720	100		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	360	45		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	360	110		716

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	360	55		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	360	62		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	360	49		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	360	48		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	360	47		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	360	53		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	360	79		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	79-01-6	Trichloroethene	14000	UG/M3	360	52		716
600-SGW-5-137.5	01/17/20	2001171036	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	360	41		716
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1000	110		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1000	260		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	1000	120		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	1000	180		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	280	UG/M3	1000	160	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	610	UG/M3	10000	220	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	67-63-0	2-Propanol	1200	UG/M3	2000	440	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	67-64-1	Acetone	10000	UG/M3	10000	2400		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	1000	240		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	71-43-2	Benzene	320	UG/M3	1000	160	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	1000	220		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	10000	320		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	1000	140		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	67-66-3	Chloroform	200	UG/M3	1000	140	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	1000	170		2020

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	170	UG/M3	1000	150	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	2000	300		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	1000	140		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	64-17-5	Ethanol	17000	UG/M3	10000	750		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-69-4	Freon 11	1200	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	76-13-1	Freon 113	170000	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-71-8	Freon 12	930	UG/M3	1000	180	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	1000	480		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	354-23-4	Freon 123a	4000	UG/M3	0		TIC	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	1000	480		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	1000	220		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	110-54-3	Hexane	290	UG/M3	1000	220	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	179601-23-1	m,p-Xylene	440	UG/M3	2000	280	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-09-2	Methylene Chloride	5300	UG/M3	1000	300		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	1000	160		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	1000	170		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	1000	140		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	440	UG/M3	1000	140	J	2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	108-88-3	Toluene	8900	UG/M3	1000	130		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1000	220		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	79-01-6	Trichloroethene	15000	UG/M3	1000	150		2020
600-SGW-5-137.5	10/30/19	1910301028	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	1000	120		2020
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	44	5.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	44	4.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	44	6.9		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	40	UG/M3	44	6.5	J	88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	44	12		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	44	5.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	44	7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	44	5.2		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	44	5.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	44	7.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	44	7.1		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	44	7.3		88.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	44	5.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	44	7.1		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	440	9.7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	44	5.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	89	19		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	44	6.4		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	44	7.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	440	110		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	44	11		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	44	9.7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	440	14		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	44	6.3		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	44	5.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	67-66-3	Chloroform	74	UG/M3	44	6.3		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	44	7.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	44	6.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	44	7.3		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	89	13		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	44	6.2		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	440	33		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	44	6.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-69-4	Freon 11	470	UG/M3	44	7.2		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	76-13-1	Freon 113	100000	UG/M3	890	130	D	1770
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	44	7.4		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-71-8	Freon 12	9.6	UG/M3	44	7.7	J FB	88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	306-83-2	Freon 123	24	UG/M3	44	21	J	88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	354-23-4	Freon 123a	810	UG/M3	0		TIC	88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	44	21		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	44	7.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	44	9.7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	44	9.7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	179601-23-1	m,p-Xylene	0	UG/M3	89	12		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	44	5.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	44	13		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	44	6.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	44	7.6		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	44	6.1		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	44	5.9		88.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	108-88-3	Toluene	0	UG/M3	44	5.8		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	44	6.5		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	44	9.7		88.5
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	79-01-6	Trichloroethene	7100	UG/M3	890	130	D	1770
600-SGW-5-137.5	07/23/19	1907230856	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	44	5		88.5
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	71-55-6	1,1,1-Trichloroethane	0	UG/M3	430	56		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	79-00-5	1,1,2-Trichloroethane	0	UG/M3	430	46		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-34-3	1,1-Dichloroethane	0	UG/M3	430	67		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-35-4	1,1-Dichloroethene	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	430	110		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	430	53		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	95-50-1	1,2-Dichlorobenzene	0	UG/M3	430	68		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	107-06-2	1,2-Dichloroethane	0	UG/M3	430	50		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	78-87-5	1,2-Dichloropropane	0	UG/M3	430	56		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	106-99-0	1,3-Butadiene	0	UG/M3	430	75		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	541-73-1	1,3-Dichlorobenzene	0	UG/M3	430	68		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	106-46-7	1,4-Dichlorobenzene	0	UG/M3	430	70		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	123-91-1	1,4-Dioxane	0	UG/M3	430	54		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	430	68		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	4300	94		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	591-78-6	2-Hexanone	0	UG/M3	430	56		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	67-63-0	2-Propanol	0	UG/M3	860	190		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	107-05-1	3-Chloropropene	0	UG/M3	430	62		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	622-96-8	4-Ethyltoluene	0	UG/M3	430	73		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	108-10-1	4-Methyl-2-pentanone	0	UG/M3	430	62		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	67-64-1	Acetone	0	UG/M3	4300	1000		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	100-44-7	alpha-Chlorotoluene	0	UG/M3	430	100		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	71-43-2	Benzene	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-27-4	Bromodichloromethane	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-25-2	Bromoform	0	UG/M3	430	94		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	74-83-9	Bromomethane	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-15-0	Carbon Disulfide	0	UG/M3	4300	140		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	56-23-5	Carbon Tetrachloride	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	108-90-7	Chlorobenzene	0	UG/M3	430	61		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-00-3	Chloroethane	0	UG/M3	430	56		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	67-66-3	Chloroform	67	UG/M3	430	61	J	855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	74-87-3	Chloromethane	0	UG/M3	430	74		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	430	64		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	430	71		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	98-82-8	Cumene	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	110-82-7	Cyclohexane	0	UG/M3	860	130		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	124-48-1	Dibromochloromethane	0	UG/M3	430	60		855

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	64-17-5	Ethanol	0	UG/M3	4300	320		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	100-41-4	Ethyl Benzene	0	UG/M3	430	64		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-69-4	Freon 11	460	UG/M3	430	69		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	76-13-1	Freon 113	150000	UG/M3	1700	260	D	3420
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	76-14-2	Freon 114	0	UG/M3	430	72		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-71-8	Freon 12	0	UG/M3	430	74		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	306-83-2	Freon 123	0	UG/M3	430	210		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	354-23-4	Freon 123a	0	UG/M3	0		*	855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-43-4	Freon 21	0	UG/M3	430	210		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	142-82-5	Heptane	0	UG/M3	430	73		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	87-68-3	Hexachlorobutadiene	0	UG/M3	430	94		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	110-54-3	Hexane	0	UG/M3	430	94		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	179601-23-1	m,p-Xylene	140	UG/M3	860	120	J	855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	1634-04-4	Methyl tert-butyl ether	0	UG/M3	430	54		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-09-2	Methylene Chloride	0	UG/M3	430	130		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	95-47-6	o-Xylene	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	103-65-1	Propylbenzene	0	UG/M3	430	66		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	100-42-5	Styrene	0	UG/M3	430	74		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	127-18-4	Tetrachloroethene	0	UG/M3	430	59		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	109-99-9	Tetrahydrofuran	0	UG/M3	430	57		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	108-88-3	Toluene	87	UG/M3	430	56	J	855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	430	63		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	430	94		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	79-01-6	Trichloroethene	11000	UG/M3	430	62		855
600-SGW-5-137.5	05/02/19	1905020932	TO-15	Soil Gas	75-01-4	Vinyl Chloride	0	UG/M3	430	49		855
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	320	42		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	320	34		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	320	50		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	320	83		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	320	39		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	320	50		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	320	38		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	320	42		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	320	56		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	320	51		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	320	52		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	320	40		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	320	51		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	3200	70		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	320	42		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	640	140		636

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	320	46		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	320	54		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	320	46		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	3200	760		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	320	76		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	320	70		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	3200	100		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	320	45		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	320	42		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	67-66-3	Chloroform	81	UG/M3	320	45	J	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	320	55		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	320	48		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	320	53		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	640	95		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	320	45		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	3200	240		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	320	48		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-69-4	Freon 11	590	UG/M3	320	52		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	76-13-1	Freon 113	150000	UG/M3	1600	240	D	3180
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	320	53		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	320	55		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	320	150	*	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	354-23-4	Freon 123a	1700	UG/M3	0	0	TIC	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	320	150		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	142-82-5	Heptane	73	UG/M3	320	54	J	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	320	70		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	110-54-3	Hexane	120	UG/M3	320	70	J	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	640	89		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	320	40		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	320	95		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	320	49		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	320	55		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	320	44		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	160	UG/M3	320	43	J	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	108-88-3	Toluene	98	UG/M3	320	41	J	636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	320	47		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	320	70		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	79-01-6	Trichloroethene	12000	UG/M3	320	46		636
600-SGW-5-137.5	01/28/19	1901280904	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	320	36		636

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	850	91		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	850	220		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	850	100		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	850	100		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	130	UG/M3	850	110	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	850	150		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	210	UG/M3	8500	190	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	1700	370		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	8500	2000		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	850	200		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	850	190		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	370	UG/M3	8500	270	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	850	150		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	1700	250		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	64-17-5	Ethanol	780	UG/M3	8500	630	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-69-4	Freon 11	810	UG/M3	850	140	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	76-13-1	Freon 113	210000	UG/M3	1700	260	D	3380
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	850	140		1690

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	850	150		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	850	410		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	850	410		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	850	140		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	850	190		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	850	190		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	1700	240		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	850	250		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	850	150		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	850	110		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	108-88-3	Toluene	120	UG/M3	850	110	J	1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	850	130		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	850	190		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	UG/M3	850	120		1690
600-SGW-5-137.5	10/24/18	1810240915	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	160	UG/M3	850	96	J	1690
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	1000	110		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	1000	270		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	1000	130		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	1000	120		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	1000	170		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	1000	170		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	1000	130		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	1000	170		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	10000	230		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	2100	460		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	10000	2500		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	1000	250		2090

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	1000	230		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	10000	330		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	190	UG/M3	1000	160	J	2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	1000	170		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	2100	310		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	10000	770		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-69-4	Freon 11	750	UG/M3	1000	170	J	2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	76-13-1	Freon 113	200000	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	1000	500		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	354-23-4	Freon 123a	2600	UG/M3	0		TIC	2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	1000	500		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	1000	230		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	1000	230		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	2100	290		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	1000	130		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	1000	310		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	1000	160		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	1000	180		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	230	UG/M3	1000	140	J	2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	1000	140		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	1000	230		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	UG/M3	1000	150		2090
600-SGW-5-137.5	08/15/18	1808151038	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	1000	120		2090
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	2	0.67		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	2	0.87		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	2	0.55		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	20	0.83		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	4	1.7		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	67-64-1	Acetone	10	UG/M3	20	3	J FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	2	0.43		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	2	0.75		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0.9	UG/M3	20	0.59	J FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	74-87-3	Chloromethane	0.89	UG/M3	2	0.59	J FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	2	0.55		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	4	1.1		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	20	3.2		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-69-4	Freon 11	1.1	UG/M3	2	0.67	J FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	76-13-1	Freon 113	2.8	UG/M3	2	0.67	FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	2	0.75		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	UG/M3	2	0.67	FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	2	0.95		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	2	0.95		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	2	0.67		3.95

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	2	0.55		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	4	1.2		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.76	UG/M3	2	0.67	J	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	2	0.59		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	2	0.55		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	2	0.79		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	2	0.75		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	2	0.63		3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	79-01-6	Trichloroethene	1.3	UG/M3	2	0.55	J FB	3.95
600-SGW-5-137.5	04/27/18	1804271038	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	2	0.67		3.95
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	530	230		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	530	150		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	270	UG/M3	530	160	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	5300	220		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	1100	440		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	5300	810		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	530	120		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	530	200		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	5300	160		1053.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	530	150		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	1100	310		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	5300	840		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-69-4	Freon 11	780	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	76-13-1	Freon 113	190000	UG/M3	1600	540	D	3160
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	530	200		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	530	250		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	530	250		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	142-82-5	Heptane	210	UG/M3	530	180	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	530	150		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	390	UG/M3	1100	320	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-09-2	Methylene Chloride	690	UG/M3	530	180	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	95-47-6	o-Xylene	160	UG/M3	530	160	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	530	160		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	530	150		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	530	210		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	108-88-3	Toluene	320	UG/M3	530	180	J	1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	530	200		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	530	170		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	UG/M3	530	150		1053.33
600-SGW-5-137.5	03/06/18	1803060842	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	530	180		1053.33
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	990	320		1987.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	990	440		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	990	280		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	9900	420		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	2000	830		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	9900	1500		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	990	220		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	990	380		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	9900	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	67-66-3	Chloroform	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	990	280		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	2000	580		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	9900	1600		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-69-4	Freon 11	710	UG/M3	990	340	J	1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	76-13-1	Freon 113	170000	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	990	380		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	306-83-2	Freon 123	0	UG/M3	990	480		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	354-23-4	Freon 123a	0	UG/M3	0		*	1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	990	480		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	990	280		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	2000	600		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	990	340		1987.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	990	300		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	990	280		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	990	400		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	990	380		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	990	320		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	79-01-6	Trichloroethene	13000	UG/M3	990	280		1987.5
600-SGW-5-137.5	10/27/17	1710271057	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	990	340		1987.5
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	UG/M3	120	52		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	UG/M3	120	33		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	UG/M3	1200	50		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	67-63-0	2-Propanol	0	UG/M3	240	99		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	67-64-1	Acetone	0	UG/M3	1200	180		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	UG/M3	120	26		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	71-43-2	Benzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-25-2	Bromoform	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	74-83-9	Bromomethane	0	UG/M3	120	45		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	UG/M3	1200	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-00-3	Chloroethane	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	67-66-3	Chloroform	110	UG/M3	120	40	J	235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	74-87-3	Chloromethane	0	UG/M3	120	35		235.71

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	UG/M3	120	33		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	98-82-8	Cumene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	UG/M3	240	68		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	64-17-5	Ethanol	0	UG/M3	1200	190		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-69-4	Freon 11	920	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	76-13-1	Freon 113	220000	UG/M3	1200	400	D	2357.14
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	76-14-2	Freon 114	0	UG/M3	120	45		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-71-8	Freon 12	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	306-83-2	Freon 123	63	UG/M3	120	57	J	235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	354-23-4	Freon 123a	3300	UG/M3	0		TIC	235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-43-4	Freon 21	0	UG/M3	120	57		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	142-82-5	Heptane	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	UG/M3	120	33		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	110-54-3	Hexane	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	UG/M3	240	71		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	95-47-6	o-Xylene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	100-42-5	Styrene	0	UG/M3	120	35		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	UG/M3	120	33		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	UG/M3	120	47		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	108-88-3	Toluene	0	UG/M3	120	40		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	UG/M3	120	45		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	UG/M3	120	38		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	UG/M3	120	33		235.71
600-SGW-5-137.5	07/31/17	1707310915	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	UG/M3	120	40		235.71
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	33	ug/m3	84	29	J	168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	48	ug/m3	89	30	J	177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	89	28		177

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	84	37		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	89	39		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	84	24		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	89	25		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	890	37		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	840	35		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	ug/m3	180	74		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	170	71		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	67-64-1	Acetone	0	ug/m3	890	140		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	840	130		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	84	18		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	89	19		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	84	32		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	89	34		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	ug/m3	890	27		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	840	25		168

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	67-66-3	Chloroform	110	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	67-66-3	Chloroform	110	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	84	24		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	89	25		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	170	49		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	180	51		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	840	130		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	ug/m3	890	140		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-69-4	Freon 11	920	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-69-4	Freon 11	930	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	76-13-1	Freon 113	210000	ug/m3	1800	600	D	3540
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	76-13-1	Freon 113	230000	ug/m3	1700	570	D	3360
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	84	32		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	89	34		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	306-83-2	Freon 123	59	ug/m3	84	40	J	168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	306-83-2	Freon 123	59	ug/m3	89	42	J	177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	354-23-4	Freon 123a	3700	ug/m3	0		TIC	168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	354-23-4	Freon 123a	3300	ug/m3	0		TIC	177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	89	42		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	84	40		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	89	25		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	84	24		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	180	53		177

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	170	50		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	69	ug/m3	89	30	J	177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	84	25		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	89	27		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	89	25		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	84	24		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	84	34		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	89	35		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	108-88-3	Toluene	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	84	29		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	84	32		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	89	34		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	89	28		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	84	27		168
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	79-01-6	Trichloroethene	16000	ug/m3	84	24		168
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	16000	ug/m3	89	25		177
600-SGW-5-137.5	04/24/17	1704241105	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	89	30		177
600-SGW-5-137.5	04/24/17	1704241048	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	84	29		168
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1300	590		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1300	370		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	13000	560		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2700	1100		2666.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	13000	2100		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1300	290		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1300	510		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	13000	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1300	370		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2700	770		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	13000	2100		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-69-4	Freon 11	820	ug/m3	1300	450	J	2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	76-13-1	Freon 113	220000	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1300	510		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1300	640		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0			2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1300	640		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1300	370		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2700	800		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1300	400		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1300	370		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1300	530		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1300	450		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1300	510		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1300	430		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	ug/m3	1300	370		2666.67
600-SGW-5-137.5	01/18/17	1701181335	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1300	450		2666.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1300	590		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	1200	530		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1300	380		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1200	340		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	12000	510		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	13000	560		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	ug/m3	2400	1000		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2700	1100		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1300	430		2683.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	67-64-1	Acetone	0	ug/m3	12000	1900		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	13000	2100		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1300	300		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	1200	270		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1300	510		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	1200	460		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	ug/m3	12000	360		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	13000	400		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	67-66-3	Chloroform	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1300	380		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1200	340		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2700	780		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	2400	700		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	13000	2100		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	ug/m3	12000	1900		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-69-4	Freon 11	760	ug/m3	1300	460	J	2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-69-4	Freon 11	860	ug/m3	1200	410	J	2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	76-13-1	Freon 113	230000	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	76-13-1	Freon 113	200000	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1300	510		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	1200	460		2428.57

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1300	640		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	ug/m3	1200	580		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0			2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	354-23-4	Freon 123a	0	ug/m3	0			2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	1200	580		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1300	640		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	1200	340		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1300	380		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	2400	730		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2700	810		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1300	400		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	1200	360		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	1200	340		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1300	380		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1300	540		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	1200	490		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	108-88-3	Toluene	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1300	510		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1200	460		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1200	390		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1300	430		2683.33
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	79-01-6	Trichloroethene	12000	ug/m3	1300	380		2683.33
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	14000	ug/m3	1200	340		2428.57
600-SGW-5-137.5	12/06/16	1612061038	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	1200	410		2428.57
600-SGW-5-137.5	12/06/16	1612061023	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1300	460		2683.33
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	1400	ug/m3	1800	600	J	3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1800	600		3500

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1800	770		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1800	490		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	18000	740		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3500	1500		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	18000	2700		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1800	390		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1800	670		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	18000	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1800	490		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3500	1000		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	18000	2800		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-69-4	Freon 11	820	ug/m3	1800	600	J	3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	76-13-1	Freon 113	240000	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1800	670		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1800	840		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1800	840		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1800	600		3500

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1800	490		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	3500	1100		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1800	530		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1800	490		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1800	700		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1800	600		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1800	670		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1800	560		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	ug/m3	1800	490		3500
600-SGW-5-137.5	07/13/16	1607130906	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1800	600		3500
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	43	ug/m3	55	19	J	110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	55	24		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	55	15		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	550	23		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	110	46		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	67-64-1	Acetone	110	ug/m3	550	85	J FB	110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	55	12		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	55	21		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	210	ug/m3	550	17		110

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	67-66-3	Chloroform	130	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	55	15		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	110	32		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	550	88		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-69-4	Freon 11	1100	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	76-13-1	Freon 113	270000	ug/m3	1700	560	D	3300
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	55	21		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	306-83-2	Freon 123	89	ug/m3	55	26		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	354-23-4	Freon 123a	26	ug/m3	0		TIC	110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	55	26		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	55	15		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	110	33		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	55	17		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	55	15		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	55	22		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	55	19		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	55	21		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	55	18		110
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	79-01-6	Trichloroethene	16000	ug/m3	1700	460	D	3300
600-SGW-5-137.5	04/20/16	1604201410	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	55	19		110
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	860	280		1720

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	860	380		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	860	240		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	8600	360		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	1700	720		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	8600	1300		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	860	190		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	860	330		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	8600	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	860	240		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	1700	500		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	8600	1400		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-69-4	Freon 11	830	ug/m3	860	290	J	1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	76-13-1	Freon 113	240000	ug/m3	1700	580	D	3440
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	860	330		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	860	410		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	860	410		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	860	240		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	1700	520		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	860	290		1720

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	860	260		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	860	240		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	860	340		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	860	290		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	860	330		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	860	280		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	79-01-6	Trichloroethene	16000	ug/m3	860	240		1720
600-SGW-5-137.5	01/20/16	1601201410	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	860	290		1720
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	600	270		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	600	170		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	6000	250		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	1200	510		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	6000	930		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	600	130		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	71-43-2	Benzene	240	ug/m3	600	190	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	600	230		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	6000	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	600	180		1206.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	600	170		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	1200	350		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	6000	970		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	420	ug/m3	600	190	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-69-4	Freon 11	740	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	76-13-1	Freon 113	200000	ug/m3	1800	620	D	3620
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	600	230		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	600	290		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	354-23-4	Freon 123a	3700	ug/m3	0		TIC	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	600	290		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	142-82-5	Heptane	240	ug/m3	600	210	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	600	170		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	110-54-3	Hexane	440	ug/m3	600	180	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	670	ug/m3	1200	360	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-09-2	Methylene Chloride	240	ug/m3	600	210	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	95-47-6	o-Xylene	230	ug/m3	600	180	J	1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	600	180		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	600	170		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	600	240		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	108-88-3	Toluene	960	ug/m3	600	210		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	600	230		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	600	190		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	ug/m3	600	170		1206.67
600-SGW-5-137.5	10/22/15	1510221005	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	600	210		1206.67
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	200	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	380	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	330	110		660

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	160	71		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	330	150		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	160	45		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	330	92		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	3300	140		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	1600	68		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	67-63-0	2-Propanol	430	ug/m3	320	140		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	67-63-0	2-Propanol	850	ug/m3	660	280		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	67-64-1	Acetone	1500	ug/m3	3300	510	J	660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	67-64-1	Acetone	770	ug/m3	1600	250	J	324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	160	36		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	330	73		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	330	130		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	160	62		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	1600	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	ug/m3	3300	99		660

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	67-66-3	Chloroform	120	ug/m3	160	55	J	324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	67-66-3	Chloroform	140	ug/m3	330	110	J	660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	330	92		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	160	45		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	320	94		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	660	190		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	ug/m3	3300	530		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	1600	260		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-69-4	Freon 11	690	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-69-4	Freon 11	770	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	76-13-1	Freon 113	240000	ug/m3	3300	1100	D	6600
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	76-13-1	Freon 113	190000	ug/m3	2000	690	D	4050
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	160	62		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	330	130		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	160	78		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	ug/m3	330	160		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	354-23-4	Freon 123a	3600	ug/m3	0		TIC	324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	354-23-4	Freon 123a	4600	ug/m3	0		TIC	660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	160	78		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	330	160		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	330	92		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	160	45		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	660	200		660

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	320	97		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	160	ug/m3	330	110	J	660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-09-2	Methylene Chloride	78	ug/m3	160	55	J	324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	330	99		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	160	49		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	330	92		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	160	45		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	330	130		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	160	65		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	108-88-3	Toluene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	160	55		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	330	130		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	160	62		324
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	160	52		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	15000	ug/m3	330	92		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	79-01-6	Trichloroethene	13000	ug/m3	160	45		324
600-SGW-5-137.5	08/04/15	1508040921	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	330	110		660
600-SGW-5-137.5	08/04/15	1508040917	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	160	55		324
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	6.7	2.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	6.7	1.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	20	ug/m3	67	2.8	J FB	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	591-78-6	2-Hexanone	3.5	ug/m3	6.7	2.1	J FB	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	13	5.6		13.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	67-64-1	Acetone	77	ug/m3	67	10	FB	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	6.7	1.5		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	6.7	2.5		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	67	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	6.7	1.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	13	3.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	64-17-5	Ethanol	31	ug/m3	67	11	J FB	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-69-4	Freon 11	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	76-13-1	Freon 113	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	6.7	2.5		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-71-8	Freon 12	2.5	ug/m3	6.7	2.3	J FB	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	6.7	3.2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	6.7	3.2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	6.7	1.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	13	4		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	6.7	2		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	6.7	1.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	6.7	2.7		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	108-88-3	Toluene	14	ug/m3	6.7	2.3		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	6.7	2.5		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	6.7	2.1		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	79-01-6	Trichloroethene	0	ug/m3	6.7	1.9		13.33
600-SGW-5-137.5	04/16/15	1504160930	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	6.7	2.3		13.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	42	18		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	42	12		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	420	18		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	84	35		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	420	64		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	42	9.2		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	42	16		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	420	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	42	12		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	84	24		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	420	67		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-69-4	Freon 11	38	ug/m3	42	14	J	83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	76-13-1	Freon 113	9400	ug/m3	56	19	D	111.33
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	42	16		83.5

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	42	20		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	42	20		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	42	12		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	84	25		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	42	12		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	42	17		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	42	14		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	42	16		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	42	13		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	79-01-6	Trichloroethene	710	ug/m3	42	12		83.5
600-SGW-5-137.5	01/28/15	1501281020	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	42	14		83.5
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1300	550		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1300	350		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	13000	530		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2500	1100		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	13000	1900		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1300	280		2516.67

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1300	480		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	13000	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	780	ug/m3	1300	400	J	2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1300	350		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2500	730		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	13000	2000		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-69-4	Freon 11	920	ug/m3	1300	430	J	2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	76-13-1	Freon 113	200000	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1300	480		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1300	600		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1300	600		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1300	350		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2500	760		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1300	380		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1300	350		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1300	500		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1300	480		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1300	400		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	79-01-6	Trichloroethene	10000	ug/m3	1300	350		2516.67
600-SGW-5-137.5	11/20/14	1411201043	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1300	430		2516.67
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1600	530		3140

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1600	690		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1600	440		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	16000	660		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	67-63-0	2-Propanol	2000	ug/m3	3100	1300	J	3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	16000	2400		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1600	350		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1600	600		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	16000	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1600	440		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3100	910		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	16000	2500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-69-4	Freon 11	1200	ug/m3	1600	530	J	3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	76-13-1	Freon 113	280000	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1600	600		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1600	750		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1600	750		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1600	530		3140

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1600	440		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	3100	940		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1600	470		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1600	440		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1600	630		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1600	530		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1600	600		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1600	500		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	ug/m3	1600	440		3140
600-SGW-5-137.5	10/09/14	1410091051	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1600	530		3140
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	770	340		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	770	210		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	7700	320		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	1500	640		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	7700	1200		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	770	170		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	770	290		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	7700	230		1530

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	770	210		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	1500	440		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	7700	1200		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-69-4	Freon 11	880	ug/m3	770	260	A	1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	76-13-1	Freon 113	180000	ug/m3	1500	520	D	3060
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	770	290		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	770	370		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	354-23-4	Freon 123a	3800	ug/m3	0		TIC *	1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	770	370	*	1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	770	210		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	1500	460		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	770	230		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	770	210		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	770	310		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	770	260		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	770	290		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	770	240		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	79-01-6	Trichloroethene	11000	ug/m3	770	210		1530
600-SGW-5-137.5	07/30/14	1407301015	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	770	260		1530
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1500	460		2900

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1500	640		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1500	410		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	15000	610		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2900	1200		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	15000	2200		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1500	320		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1500	550		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	15000	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1500	410		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2900	840		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	15000	2300		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-69-4	Freon 11	1000	ug/m3	1500	490	J	2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	76-13-1	Freon 113	290000	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1500	550		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1500	700		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	354-23-4	Freon 123a	5800	ug/m3	0		TIC	2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1500	700		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1500	410		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2900	870		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1500	490		2900

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1500	440		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1500	410		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1500	580		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1500	490		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1500	550		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1500	460		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	ug/m3	1500	410		2900
600-SGW-5-137.5	04/21/14	1404211335	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1500	490		2900
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	230	100		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	230	64		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	2300	95		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	450	190		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	2300	350		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	230	50		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	230	86		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	2300	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	67-66-3	Chloroform	110	ug/m3	230	77	J	454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	230	68		454.29

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	230	64		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	450	130		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	2300	360		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-69-4	Freon 11	1100	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	76-13-1	Freon 113	370000	ug/m3	2300	770	D	4542.86
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	230	86		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	230	110		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	230	110		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	230	64		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	450	140		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	230	68		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	230	64		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	230	91		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	230	77		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	230	86		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	230	73		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	ug/m3	230	64		454.29
600-SGW-5-137.5	01/29/14	1401291005	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	230	77		454.29
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1400	590		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1400	380		2700

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	14000	570		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2700	1100		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	14000	2100		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1400	300		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1400	510		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	14000	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1400	380		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2700	780		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	14000	2200		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-69-4	Freon 11	1200	ug/m3	1400	460	J	2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	76-13-1	Freon 113	290000	ug/m3	2700	920	D	5400
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1400	510		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1400	650		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	354-23-4	Freon 123a	5300	ug/m3	0		TIC	2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1400	650		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1400	380		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2700	810		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1400	410		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1400	380		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1400	540		2700

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1400	460		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1400	510		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1400	430		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	79-01-6	Trichloroethene	15000	ug/m3	1400	380		2700
600-SGW-5-137.5	11/13/13	1311131325	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1400	460		2700
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2	0.66		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	1.3	ug/m3	2	0.66	J	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0.77	ug/m3	2	0.59	J	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2	0.86		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2	0.55		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	5.2	ug/m3	20	0.82	J TB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.96	ug/m3	2	0.62	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	67-63-0	2-Propanol	2.8	ug/m3	3.9	1.6	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	67-64-1	Acetone	46	ug/m3	20	3	TB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2	0.43		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2	0.74		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2	0.66		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	67-66-3	Chloroform	5.8	ug/m3	2	0.66	A	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	74-87-3	Chloromethane	1.1	ug/m3	2	0.59	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2	0.55		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	110-82-7	Cyclohexane	2.9	ug/m3	3.9	1.1	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2	0.62		3.9

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	64-17-5	Ethanol	23	ug/m3	20	3.1	FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-69-4	Freon 11	2.4	ug/m3	2	0.66	A FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	76-13-1	Freon 113	930	ug/m3	31	11	D	62.4
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2	0.74		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	ug/m3	2	0.66	FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2	0.94		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	354-23-4	Freon 123a	39	ug/m3	0		TIC	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2	0.94		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2	0.66		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2	0.55		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	110-54-3	Hexane	0.64	ug/m3	2	0.59	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	1.3	ug/m3	3.9	1.2	J	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2	0.66		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-09-2	Methylene Chloride	7.9	ug/m3	2	0.66		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2	0.59		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	1.3	ug/m3	2	0.55	J FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2	0.78		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	108-88-3	Toluene	4.4	ug/m3	2	0.66	FB	3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2	0.74		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2	0.62		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	79-01-6	Trichloroethene	140	ug/m3	2	0.55		3.9
600-SGW-5-137.5	07/16/13	1307160805	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2	0.66		3.9
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1900	500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1900	690		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1900	500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	19000	770		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1900	730		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3800	1300		3825

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	19000	4200		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	19000	500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1900	500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3800	990		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	19000	3500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-69-4	Freon 11	990	ug/m3	1900	500	J	3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	76-13-1	Freon 113	350000	ug/m3	1900	770		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1900	920		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1900	920		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	3800	1100		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-09-2	Methylene Chloride	870	ug/m3	1900	570	J	3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1900	610		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1900	650		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1900	460		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1900	990		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1900	570		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1900	500		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	79-01-6	Trichloroethene	16000	ug/m3	1900	540		3825
600-SGW-5-137.5	03/25/13	1303250857	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1900	570		3825

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1200	430		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1200	430		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	1100	ug/m3	1200	310	J	2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	1800	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	12000	470		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	12000	470		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0	ug/m3	1200	450		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1200	450		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	2400	810		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	67-63-0	2-Propanol	0	ug/m3	2400	810		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1200	380		2371.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	12000	2600		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	67-64-1	Acetone	0	ug/m3	12000	2600		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	71-43-2	Benzene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-25-2	Bromoform	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	74-83-9	Bromomethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	12000	310		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	0	ug/m3	12000	310		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-00-3	Chloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	67-66-3	Chloroform	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	74-87-3	Chloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	98-82-8	Cumene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	0	ug/m3	2400	620		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	2400	620		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	64-17-5	Ethanol	0	ug/m3	12000	2200		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	12000	2200		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-69-4	Freon 11	660	ug/m3	1200	310	J	2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-69-4	Freon 11	760	ug/m3	1200	310	J	2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	76-13-1	Freon 113	230000	ug/m3	1200	470		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	76-13-1	Freon 113	220000	ug/m3	1200	470		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	76-14-2	Freon 114	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1200	330		2371.43

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-71-8	Freon 12	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	306-83-2	Freon 123	0	ug/m3	1200	570		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1200	570		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	354-23-4	Freon 123a	0	ug/m3	0		*	2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1200	550		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-43-4	Freon 21	0	ug/m3	1200	550		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	142-82-5	Heptane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	110-54-3	Hexane	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	0	ug/m3	2400	690		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	0	ug/m3	2400	690		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-09-2	Methylene Chloride	410	ug/m3	1200	360	J	2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	420	ug/m3	1200	360	J	2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	95-47-6	o-Xylene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1200	380		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1200	400		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	0	ug/m3	1200	400		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	100-42-5	Styrene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1200	280		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	0	ug/m3	1200	280		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0	ug/m3	1200	620		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1200	620		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	108-88-3	Toluene	460	ug/m3	1200	330	J	2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	108-88-3	Toluene	380	ug/m3	1200	330	J	2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1200	310		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	10000	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	79-01-6	Trichloroethene	11000	ug/m3	1200	330		2371.43
600-SGW-5-137.5	06/14/12	1206141028	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	06/14/12	1206141029	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	0	ug/m3	1200	360		2371.43
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2100	700		4100

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2100	980		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2100	860		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	21000	940		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2100	740		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4100	1600		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	21000	3600		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	21000	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2100	740		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4100	1400		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	21000	6600		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-69-4	Freon 11	890	ug/m3	2100	660	J	4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	76-13-1	Freon 113	350000	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2100	740		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2100	980		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2100	940		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2100	660		4100

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2100	740		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4100	1200		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2100	570		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2100	900		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2100	700		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2100	660		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	79-01-6	Trichloroethene	10000	ug/m3	2100	620		4100
600-SGW-5-137.5	03/24/12	1203241434	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2100	780		4100
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1700	810		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1700	800		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	280	130		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	280	110		553.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	280	120		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1700	700		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	1700	710		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	17000	770		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	17000	760		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	2800	130		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	280	100		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1700	600		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1700	600		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3400	1300		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	3300	1300		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	550	220		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	17000	3000		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	17000	2900		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	2800	490		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	1700	500		3360

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	280	110		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	17000	500		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	17000	500		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	2800	83		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	280	110		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	67-66-3	Chloroform	140	ug/m3	280	110	J	553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	280	110		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1700	600		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	1700	600		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	280	100		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	550	180		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3300	1100		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	3400	1100		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	280	77		553.33

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	2800	890		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	17000	5300		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	17000	5400		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-69-4	Freon 11	1000	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-69-4	Freon 11	800	ug/m3	1700	530	J	3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-69-4	Freon 11	930	ug/m3	1700	540	J	3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	76-13-1	Freon 113	300000	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	76-13-1	Freon 113	280000	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	76-13-1	Freon 113	310000	ug/m3	2800	890	D	5533.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1700	600		3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	1700	600		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	280	100		553.33
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	280	130		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1700	800		3320
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1700	810		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3360
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	354-23-4	Freon 123a	3200	ug/m3	0		TIC	553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1700	760		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	280	130		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	1700	770		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1700	600		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	280	100		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	1700	600		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	3300	960		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	550	160		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	3400	970		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-09-2	Methylene Chloride	600	ug/m3	1700	500	J	3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-09-2	Methylene Chloride	94	ug/m3	280	83	J	553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-09-2	Methylene Chloride	600	ug/m3	1700	500	J	3360

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1700	460		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	280	77		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	1700	470		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1700	740		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	280	120		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	1700	730		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1700	570		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	280	94		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	1700	560		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1700	530		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	280	89		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	1700	540		3360
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	79-01-6	Trichloroethene	13000	ug/m3	1700	500		3360
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	79-01-6	Trichloroethene	14000	ug/m3	280	83		553.33
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	79-01-6	Trichloroethene	10000	ug/m3	1700	500		3320
600-SGW-5-137.5	03/23/12	1203230944	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1700	630		3320
600-SGW-5-137.5	03/23/12	1203231159	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	280	110		553.33
600-SGW-5-137.5	03/23/12	1203231755	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	1700	640		3360
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2100	710		4200

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2000	970		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2200	1000		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2100	1000		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	2200	1100		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2000	770		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2200	920		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2100	880		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2200	900		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	2000	850		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	2000	650		4050

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	20000	930		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	22000	990		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	21000	970		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	22000	1000		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2200	790		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2100	760		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2200	770		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	2000	730		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4100	1600		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4300	1700		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4200	1700		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	4400	1800		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	20000	3600		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	22000	3800		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	21000	3700		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	22000	3900		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2200	700		4375

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	2000	770		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	20000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	22000	650		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	21000	630		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	22000	660		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	2000	770		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2000	770		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	67-66-3	Chloroform	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	2000	770		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2000	730		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2200	770		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2100	760		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	2200	790		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2200	650		4300

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4400	1400		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4200	1400		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4300	1400		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	4100	1300		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	22000	7000		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	21000	6700		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	22000	6900		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	20000	6500		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-69-4	Freon 11	990	ug/m3	2200	700	J	4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-69-4	Freon 11	890	ug/m3	2100	670	J	4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-69-4	Freon 11	840	ug/m3	2200	690	J	4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-69-4	Freon 11	990	ug/m3	2000	650	J	4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	76-13-1	Freon 113	340000	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	76-13-1	Freon 113	290000	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	76-13-1	Freon 113	370000	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	76-13-1	Freon 113	400000	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2000	730		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2200	770		4300
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2100	760		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	2200	790		4375
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2200	1100		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2100	1000		4200
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2200	1000		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	2000	970		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	NA	Freon 123a	0	ug/m3	0		*	4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	354-23-4	Freon 123a	0	ug/m3	0		*	4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2100	970		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2200	1000		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2200	990		4300

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-43-4	Freon 21	0	ug/m3	2000	930		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2100	760		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2200	790		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2200	770		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2000	730		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4200	1200		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4400	1300		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4300	1200		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	4100	1200		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-09-2	Methylene Chloride	730	ug/m3	2100	630	J	4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-09-2	Methylene Chloride	770	ug/m3	2200	660	J	4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-09-2	Methylene Chloride	830	ug/m3	2200	650	J	4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-09-2	Methylene Chloride	700	ug/m3	2000	610	J	4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2100	590		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2200	610		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2200	600		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	0	ug/m3	2000	570		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2000	890		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2200	950		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2200	960		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	2100	920		4200

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2000	690		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2200	730		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2200	740		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	2100	710		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2100	670		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2200	700		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2200	690		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	2000	650		4050
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	79-01-6	Trichloroethene	11000	ug/m3	2000	610		4050
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	79-01-6	Trichloroethene	8900	ug/m3	2200	650		4300
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	79-01-6	Trichloroethene	10000	ug/m3	2200	660		4375
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	79-01-6	Trichloroethene	10000	ug/m3	2100	630		4200
600-SGW-5-137.5	03/22/12	1203221709	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2100	800		4200
600-SGW-5-137.5	03/22/12	1203221535	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2200	830		4375
600-SGW-5-137.5	03/22/12	1203221418	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2200	820		4300
600-SGW-5-137.5	03/22/12	1203221026	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	2000	770		4050
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	0	ug/m3	350	26		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	0	ug/m3	440	67		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	0	ug/m3	350	58		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	0	ug/m3	260	53		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	1000	ug/m3	250	31		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	0	ug/m3	1900	340		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	0	ug/m3	310	39		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	0	ug/m3	490	63		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	0	ug/m3	380	78		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	0	ug/m3	260	44		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	0	ug/m3	290	48		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	0	ug/m3	310	54		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	0	ug/m3	140	69		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	0	ug/m3	380	69		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	0	ug/m3	380	81		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	0	ug/m3	920	120		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	0	ug/m3	300	53		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0	ug/m3	750	97		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	591-78-6	2-Hexanone	0	ug/m3	1000	87		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	67-63-0	2-Propanol	0	ug/m3	620	38		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	107-05-1	3-Chloropropene	0	ug/m3	800	70		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	0	ug/m3	310	42		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	0	ug/m3	260	68		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	67-64-1	Acetone	0	ug/m3	600	43		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	0	ug/m3	330	65		12.7

Appendix B - Chemical Analytical Results for Soil Vapor Sampling at 600-SGW-5

Borehole Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No.	Analyte	Result	Units	Rep Limit	Det Limit	QA Flag	Dilution
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	71-43-2	Benzene	0	ug/m3	200	34		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	0	ug/m3	420	50		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-25-2	Bromoform	0	ug/m3	660	87		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	74-83-9	Bromomethane	0	ug/m3	250	34		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	0	ug/m3	200	26		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	0	ug/m3	400	56		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	108-90-7	Chlorobenzene	0	ug/m3	290	35		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-00-3	Chloroethane	0	ug/m3	670	56		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	67-66-3	Chloroform	140	ug/m3	310	51	J	12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	74-87-3	Chloromethane	0	ug/m3	520	23		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0	ug/m3	250	59		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	0	ug/m3	290	36		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	98-82-8	Cumene	0	ug/m3	310	39		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	110-82-7	Cyclohexane	0	ug/m3	220	27		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	0	ug/m3	540	43		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-43-4	Dichlorofluoromethane	0	ug/m3	1100	46		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	64-17-5	Ethanol	0	ug/m3	480	84		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	0	ug/m3	280	23		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-69-4	Freon 11	1200	ug/m3	360	52		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	76-13-1	Freon 113	400000	ug/m3	490	110		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	76-14-2	Freon 114	0	ug/m3	440	78		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-71-8	Freon 12	0	ug/m3	310	53		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	306-83-2	Freon 123	0	ug/m3	1600	150		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	354-23-4	Freon 123a	3400	ug/m3	1600	270		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	142-82-5	Heptane	0	ug/m3	260	69		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	0	ug/m3	2700	690		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	110-54-3	Hexane	0	ug/m3	220	48		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	1330-20-7	m,p-Xylene	0	ug/m3	280	29		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	0	ug/m3	230	22		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0	ug/m3	220	39		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	95-47-6	o-Xylene	0	ug/m3	280	57		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	103-65-1	Propylbenzene	0	ug/m3	310	39		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	100-42-5	Styrene	0	ug/m3	270	29		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	240	ug/m3	430	44	J	12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	0	ug/m3	190	76		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	108-88-3	Toluene	0	ug/m3	240	34		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	0	ug/m3	250	31		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	0	ug/m3	290	42		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	79-01-6	Trichloroethene	13000	ug/m3	340	54		12.7
600-SGW-5-137.5	11/03/11	1111030945	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	0	ug/m3	160	36		12.7

Appendix C
Chemical Analytical Results for Soil Vapor Sampling Collected During the January 2019 Comprehensive Sampling Event

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	23	3.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	67-66-3	Chloroform	45	UG/M3	23	3.2		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	23	3.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	23	3.8		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	45	6.8		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	23	3.2		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	230	17		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-69-4	Freon 11	13	UG/M3	23	3.7	J	45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	76-13-1	Freon 113	4500	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	23	3.8		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	23	4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	354-23-4	Freon 123a	6000	UG/M3	NA	NA	TIC	45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	23	2.6		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	79-01-6	Trichloroethene	1000	UG/M3	23	3.3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	23	3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	23	3.1		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	23	11		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-43-4	Freon 21	11	UG/M3	23	11	J	45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-09-2	Methylene Chloride	25	UG/M3	23	6.8		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	23	2.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	45	6.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	23	5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	23	5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	23	3.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	23	2.8		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	23	3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	23	3.6		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	23	4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	23	3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	23	2.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	23	3.6		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	23	3.6		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	23	5.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	5.5	UG/M3	23	3.5	J	45.4

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	23	2.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	23	2.7		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	230	55		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	23	5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	230	7.3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	23	3.4		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	23	5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	23	3.7		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	23	5.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	23	3.2		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	23	3.3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	23	3.9		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	23	3.3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	45	10		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	23	3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	230	5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	23	3.5		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	23	3		45.4
600-SGW-1	12.5	01/28/19	1901280944	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	23	3		45.4
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	40	8.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	40	5.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	40	5.4		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	40	5.5		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	40	19		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	354-23-4	Freon 123a	4100	UG/M3	NA	NA	TIC	80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-09-2	Methylene Chloride	29	UG/M3	40	12	J	80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	40	5		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	80	11		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	40	8.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	40	8.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	40	6.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	40	6.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	40	6.4		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	40	7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	40	5.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	40	4.7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	79-01-6	Trichloroethene	1200	UG/M3	40	5.8		80

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	40	5		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	40	4.6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	40	10		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	67-66-3	Chloroform	50	UG/M3	40	5.7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	40	5.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	40	4.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	40	6.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	40	5.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	80	18		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	40	5.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	40	6.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	40	5.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	400	96		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	400	8.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	40	6.2		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	400	13		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	40	5.7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	40	19		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	40	5.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	40	5.3		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	40	9.6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	40	5.6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	40	6.7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	76-13-1	Freon 113	6500	UG/M3	40	6.1		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	40	8.8		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	40	6.4		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	40	7		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	75-69-4	Freon 11	10	UG/M3	40	6.5	J	80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	400	30		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	80	12		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	40	6.6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	40	5		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	40	6.6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	40	6.9		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	40	6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	40	6		80
600-SGW-1	57.5	01/28/19	1901280949	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	40	6.2		80
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	71-43-2	Benzene	1.8	UG/M3	5.6	0.87	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	5.6	1.2		11.3

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	67-66-3	Chloroform	41	UG/M3	5.6	0.8		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	56	4.2		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	5.6	0.8		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	5.6	0.87		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-00-3	Chloroethane	2.5	UG/M3	5.6	0.74	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	22	UG/M3	56	1.8	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	74-87-3	Chloromethane	4.5	UG/M3	5.6	0.97	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	5.6	0.85		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	5.6	0.94		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	5.6	0.87		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	5.6	0.79		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	5.6	0.85		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-69-4	Freon 11	4.9	UG/M3	5.6	0.91	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	5.6	1.4		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	5.6	1.5		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	5.6	0.95		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	76-13-1	Freon 113	1200	UG/M3	42	6.4	D QD	84.5
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	11	1.7		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	5.6	0.9		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	5.6	0.98	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	5.6	0.7		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	2.3	UG/M3	5.6	0.74	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	5.6	0.61		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	5.7	UG/M3	5.6	0.88		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	5.6	0.74		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	5.6	0.89		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	5.6	0.99		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	56	14		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	5.6	0.92		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	5.6	0.71		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	5.6	0.9		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	1.9	UG/M3	56	1.2	J TB	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	5.6	0.74		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	11	2.5		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	5.6	0.81		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	5.6	0.96		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	5.6	0.82		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	5.6	0.87		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	98-82-8	Cumene	ND	UG/M3	32	4.9		63.6

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	74-83-9	Bromomethane	ND	UG/M3	32	4.7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	142-82-5	Heptane	ND	UG/M3	32	5.4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-43-4	Freon 21	ND	UG/M3	32	15		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	306-83-2	Freon 123	ND	UG/M3	32	15		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-71-8	Freon 12	ND	UG/M3	32	5.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	76-13-1	Freon 113	6600	UG/M3	32	4.8	QD	63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	ND	UG/M3	32	4.8		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	64-17-5	Ethanol	ND	UG/M3	320	24		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	110-54-3	Hexane	ND	UG/M3	32	7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	ND	UG/M3	64	9.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	ND	UG/M3	64	8.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	32	5.3		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	32	4.8		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	74-87-3	Chloromethane	ND	UG/M3	32	5.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	67-66-3	Chloroform	43	UG/M3	32	4.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-00-3	Chloroethane	ND	UG/M3	32	4.2		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	ND	UG/M3	32	4.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	ND	UG/M3	32	4.7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	ND	UG/M3	320	10		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	ND	UG/M3	32	4.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	32	4.7		63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	5.6	0.66		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	5.6	2.7		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	5.7	UG/M3	32	5	J	63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	32	3.4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	32	4.7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	32	4.2		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	354-23-4	Freon 123a	3500	UG/M3	NA	NA	TIC	63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	ND	UG/M3	32	3.6		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	ND	UG/M3	32	7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	32	7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-69-4	Freon 11	8.5	UG/M3	32	5.2	J	63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	108-88-3	Toluene	ND	UG/M3	32	4.1		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	ND	UG/M3	32	4.3		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	ND	UG/M3	32	4.4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	100-42-5	Styrene	ND	UG/M3	32	5.5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	ND	UG/M3	32	4.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	95-47-6	o-Xylene	ND	UG/M3	32	4.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	20	UG/M3	32	9.5	J	63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	32	4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	1300	UG/M3	32	4.6	QD	63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	5.6	0.97		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	32	8.3		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	8	UG/M3	32	4.7	J	63.6

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	354-23-4	Freon 123a	3800	UG/M3	NA	NA	TIC	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	5.6	0.64		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	79-01-6	Trichloroethene	900	UG/M3	5.6	0.81	QD	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	5.6	1.2		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	5.6	0.83		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	108-88-3	Toluene	2.7	UG/M3	5.6	0.73	J TB	11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	32	4.7		63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	2.5	UG/M3	5.6	0.78	J	11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	5.6	0.87		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	5.6	0.87		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-25-2	Bromoform	ND	UG/M3	32	7		63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-09-2	Methylene Chloride	25	UG/M3	5.6	1.7		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	76-14-2	Freon 114	ND	UG/M3	32	5.3		63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	11	1.6		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	5.6	1.2		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	5.6	1.2		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	5.6	0.96		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	75-43-4	Freon 21	11	UG/M3	5.6	2.7		11.3
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	5.6	0.75		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	32	4.6		63.6
600-SGW-1	117.5	01/28/19	1901280957	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	5.6	0.71		11.3
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	32	3.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	ND	UG/M3	32	4.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	71-43-2	Benzene	ND	UG/M3	32	4.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	67-64-1	Acetone	ND	UG/M3	320	76		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	ND	UG/M3	32	5.4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	ND	UG/M3	32	4.6		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	67-63-0	2-Propanol	ND	UG/M3	64	14		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	ND	UG/M3	32	4.2		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	320	7		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	32	4.9		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	ND	UG/M3	32	4		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	32	5.2		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	32	5.1		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	ND	UG/M3	32	5.6		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	ND	UG/M3	32	3.8		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	ND	UG/M3	32	7.6		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	32	5		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	ND	UG/M3	32	4.2		63.6
600-SGW-1	117.5	01/28/19	1901281003	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	32	5.1		63.6
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	76-13-1	Freon 113	6600	UG/M3	36	5.4		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	36	6		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	36	17		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	36	5.9		71.2

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	36	17		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	36	6.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	36	6.2		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-69-4	Freon 11	10	UG/M3	36	5.8	J	71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	36	7.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	36	6.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	36	7.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	36	5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	36	4.9		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	67-66-3	Chloroform	20	UG/M3	36	5.1	J	71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	71	11		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	354-23-4	Freon 123a	950	UG/M3	NA	NA	TIC	71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	36	4.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	79-01-6	Trichloroethene	440	UG/M3	36	5.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	36	4.6		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	36	4.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	36	7.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	36	6.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	36	11		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	36	4.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	71	10		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	36	4.4		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	36	5.7		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	36	4.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	36	5.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	36	5.7		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	36	6.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	36	3.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	360	7.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	36	5.6		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	36	9.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	36	5.6		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	36	4.7		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	360	26		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	36	4.7		71.2

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	36	4.2		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	36	5.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	36	4.7		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	360	11		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	36	5.3		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	36	7.8		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	36	4.7		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	36	5.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	36	8.5		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	360	85		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	36	5.2		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	36	6.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	36	5.1		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	71	16		71.2
600-SGW-2	12.5	01/28/19	1901281029	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	36	5.3		71.2
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	320	53		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	320	150		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	320	150		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	320	56		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	320	54		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	76-13-1	Freon 113	55000	UG/M3	320	49		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-69-4	Freon 11	ND	UG/M3	320	52		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	320	48		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3200	240		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	320	45		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	320	55		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	320	49		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	320	48		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	320	54		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	640	96		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	320	55		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	320	45		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	354-23-4	Freon 123a	2000	UG/M3	NA	NA	TIC	640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	79-01-6	Trichloroethene	3700	UG/M3	320	46		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	320	70		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	108-88-3	Toluene	46	UG/M3	320	42	J	640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	320	36		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	320	44		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	320	70		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	320	49		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	320	49		640

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	320	96		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	320	40		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	640	90		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	320	70		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	320	43		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	320	83		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	320	51		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	320	56		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	320	49		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	320	42		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	320	38		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	320	52		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	320	40		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	320	51		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	320	50		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	320	35		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	320	42		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	67-66-3	Chloroform	55	UG/M3	320	45	J	640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	320	42		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3200	100		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	320	40		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	320	70		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	320	77		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3200	770		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	320	47		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	320	54		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	320	46		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	640	140		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	320	42		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3200	70		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	320	49		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	320	51		640
600-SGW-2	47.5	01/28/19	1901281034	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	320	49		640
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	320	54		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	320	160		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	320	160		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	320	56		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	320	54		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	76-13-1	Freon 113	110000	UG/M3	1600	250	D	3240

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-69-4	Freon 11	70	UG/M3	320	52	J	648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	320	49		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	320	46		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	320	45		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	320	56		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	320	55		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	320	49		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	650	97		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	320	56		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	354-23-4	Freon 123a	1300	UG/M3	NA	NA	TIC	648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	79-01-6	Trichloroethene	8000	UG/M3	320	47		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	320	71		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	320	48		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	108-88-3	Toluene	42	UG/M3	320	42	J TB	648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	320	37		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	320	45		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	320	71		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	320	97		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	320	41		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	650	91		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	320	71		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	240	UG/M3	320	43	J	648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	320	84		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	320	52		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	320	57		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	320	43		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	320	38		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	320	51		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	320	53		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	320	48		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	320	43		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	84	UG/M3	320	48	J	648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	320	51		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	320	35		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	320	48		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	320	43		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3200	240		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	320	40		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	320	48		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	320	41		648

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	320	46		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3200	100		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	320	48		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	320	71		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	320	50		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	320	78		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3200	71		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	320	47		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	320	55		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	320	47		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	650	140		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	320	43		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	320	52		648
600-SGW-2	107.5	01/28/19	1901281041	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3200	780		648
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	320	55		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	320	47		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3200	770		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	320	46		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	320	52		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	320	77		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	640	140		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	354-23-4	Freon 123a	1200	UG/M3	NA	NA	TIC	644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3200	71		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	320	41		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	320	53		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	320	71		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	320	43		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	76-13-1	Freon 113	100000	UG/M3	810	120	D	1610
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	320	71		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-69-4	Freon 11	55	UG/M3	320	52	J	644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3200	240		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	320	45		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	320	53		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	320	55		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	320	46		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	320	43		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	320	46		644

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3200	100		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	640	97		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	320	54		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	320	52		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	320	57		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	320	43		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	320	56		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	320	51		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	320	38		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	320	84		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	81	UG/M3	320	48	J	644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	320	35		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	79-01-6	Trichloroethene	6700	UG/M3	320	46		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	320	37		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	320	48		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	320	40		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	320	43		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	320	150		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	108-88-3	Toluene	79	UG/M3	320	42	J	644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	320	43		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	320	44		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	320	55		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	320	50		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	320	97		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	320	41		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	640	90		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	320	71		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	320	71		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	320	55		644
600-SGW-2	150	01/28/19	1901281050	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	320	150		644
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	13	2.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	13	6.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	13	6.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	UG/M3	13	2.2	J	25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	13	2.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	76-13-1	Freon 113	2700	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-69-4	Freon 11	9.3	UG/M3	13	2	J	25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	13	1.9		25.2

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	130	9.3		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	13	2.2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	13	2.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	25	3.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	13	2.2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	354-23-4	Freon 123a	1300	UG/M3	NA	NA	TIC	25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	79-01-6	Trichloroethene	270	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	13	2.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	13	1.6		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	13	1.4		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	13	2.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	13	3.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	13	1.6		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	25	3.5		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	13	2.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	13	3.3		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	13	2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	13	2.2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	13	1.5		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	13	2.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	13	1.6		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	13	2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	13	2		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	13	1.4		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	67-66-3	Chloroform	21	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	130	4		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	13	1.6		25.2

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	13	2.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	13	1.9		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	13	3		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	130	30		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	13	2.1		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	13	1.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	25	5.6		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	13	1.7		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	130	2.8		25.2
600-SGW-3	12.5	01/28/19	1901281310	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	13	2		25.2
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	9.8	1.6		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	9.8	4.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	9.8	4.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	9.8	1.7	J	19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	9.8	1.6		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	76-13-1	Freon 113	2000	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-69-4	Freon 11	7.1	UG/M3	9.8	1.6	J	19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	98	7.2		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	67-66-3	Chloroform	28	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	9.8	1.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	20	2.9		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	9.8	1.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	354-23-4	Freon 123a	310	UG/M3	NA	NA	TIC	19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	79-01-6	Trichloroethene	390	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	9.8	2.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	9.8	1.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	9.8	2.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	9.8	2.9		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	9.8	1.2		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	20	2.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	9.8	2.1		19.5

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	9.8	2.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	9.8	1.6		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	9.8	1.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	9.8	1.2		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	9.8	1.6		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	9.8	1.2		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	9.8	1.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	9.8	1.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	98	3.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	9.8	1.2		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	9.8	2.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	9.8	1.5		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	9.8	2.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	98	23		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	9.8	1.7		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	9.8	1.4		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	20	4.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	9.8	1.3		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	98	2.1		19.5
600-SGW-3	57.5	01/28/19	1901281317	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	9.8	1.6		19.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	12	2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	12	2.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	12	2.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	120	29		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	12	2.1		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	24	5.4		24.5

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	12	2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	120	2.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	12	1.5		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	12	2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	354-23-4	Freon 123a	1000	UG/M3	NA	NA	TIC	24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	76-13-1	Freon 113	2600	UG/M3	32	4.8	D	63.6
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-69-4	Freon 11	8.2	UG/M3	12	2	J FB	24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	120	9.1		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	12	1.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	120	3.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	12	2.1		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	67-66-3	Chloroform	59	UG/M3	12	1.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	12	1.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	24	3.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	12	2.1	J FB	24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	12	2.1		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	12	2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	12	2.2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	12	5.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	12	1.4		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	12	1.5		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	12	3.2		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	12	1.3		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	12	1.4		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	12	2.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	12	5.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	12	1.6		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	79-01-6	Trichloroethene	590	UG/M3	12	1.8		24.5

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	12	1.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	12	2.1		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	12	3.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	12	1.5		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	24	3.4		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	12	2.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	12	2.7		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	12	1.9		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	12	1.8		24.5
600-SGW-3	107.5	01/28/19	1901281323	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	12	2.1		24.5
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	350	59		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-69-4	Freon 11	1100	UG/M3	350	56		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	76-13-1	Freon 113	160000	UG/M3	1700	260	D	3480
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	350	58		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	350	61		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	350	170		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	350	170		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3500	260		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	350	49		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	700	100		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	350	77		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	108-88-3	Toluene	56	UG/M3	350	45	J	696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	350	58		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	350	47		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	350	46		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	67-66-3	Chloroform	74	UG/M3	350	49	J	696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	350	40		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	79-01-6	Trichloroethene	4400	UG/M3	350	50		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	350	48		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	350	77		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	350	60		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	350	100		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	350	44		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	700	97		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	350	77		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	350	43		696

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	350	44		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	350	57		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	350	56		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	350	61		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	350	46		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	350	56		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	350	55		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	350	38		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	350	90		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	350	60		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	350	41		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	350	77		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	350	46		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3500	77		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	350	52		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	350	49		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	350	54		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	350	84		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3500	840		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	350	51		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	350	59		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	350	50		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	700	150		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	350	46		696
600-SGW-3	137.5	01/28/19	1901281330	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3500	110		696
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	35	4.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	35	5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	350	11		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	35	7.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	35	8.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	350	85		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	67-66-3	Chloroform	16	UG/M3	35	5	J	70.8

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	35	5.1		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-69-4	Freon 11	8.1	UG/M3	35	5.7	J	70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	71	16		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	35	6		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	76-13-1	Freon 113	6800	UG/M3	35	5.4		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	35	4.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	35	4.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	35	4		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	79-01-6	Trichloroethene	260	UG/M3	35	5.1		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	35	7.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	350	26		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	35	4.6		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	35	6.1		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	35	5.3		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	35	5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	71	11		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	35	5.9		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	35	5.3		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	35	7.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	35	4.9		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	35	6.1		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-09-2	Methylene Chloride	24	UG/M3	35	11	J	70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	35	4.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	35	4.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	35	7.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	35	6.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	35	6		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	35	17		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	35	17		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	35	5.9		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	350	7.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	35	3.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	71	9.9		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	35	4.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	35	4.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	35	5.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	35	5.8		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	35	4.2		70.8

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	35	5.6		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	35	4.4		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	35	9.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	35	5.5		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	35	5.7		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	35	5.2		70.8
600-SGW-4	12.5	01/28/19	1901281348	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	35	6.2		70.8
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	67-64-1	Acetone	41	UG/M3	40	9.5		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	ND	UG/M3	4	0.52		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	67-63-0	2-Propanol	ND	UG/M3	7.9	1.7		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	ND	UG/M3	4	0.57		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	ND	UG/M3	4	0.67		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	ND	UG/M3	4	0.95		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	71-43-2	Benzene	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-25-2	Bromoform	ND	UG/M3	4	0.87		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	74-83-9	Bromomethane	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	ND	UG/M3	4	0.52		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	ND	UG/M3	4	0.56		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	ND	UG/M3	40	1.3		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	ND	UG/M3	4	0.47		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	4	0.43		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	110-54-3	Hexane	ND	UG/M3	4	0.87		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-00-3	Chloroethane	2.6	UG/M3	4	0.52	J	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	4	1		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	ND	UG/M3	4	0.7		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	4	0.62		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	17	UG/M3	40	0.87	J	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	ND	UG/M3	4	0.62		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	4	0.63		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	4	0.65		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	ND	UG/M3	4	0.5		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	4	0.63		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	4	0.49		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	108-88-3	Toluene	ND	UG/M3	4	0.51		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	142-82-5	Heptane	ND	UG/M3	4	0.67		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	11	UG/M3	4	1.2		7.9

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	95-47-6	o-Xylene	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	100-42-5	Styrene	ND	UG/M3	4	0.68		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	ND	UG/M3	7.9	1.1		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	0.58	UG/M3	4	0.53	J	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	ND	UG/M3	4	0.87		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	4	0.87		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	26	UG/M3	4	0.57	QD	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	ND	UG/M3	4	0.45		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	354-23-4	Freon 123a	870	UG/M3	NA	NA	TIC	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	4	0.58		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	ND	UG/M3	4	0.55		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	ND	UG/M3	4	0.59		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	74-87-3	Chloromethane	3.7	UG/M3	4	0.68	J	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	4	0.59		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	4	0.66		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	98-82-8	Cumene	ND	UG/M3	4	0.61		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	ND	UG/M3	7.9	1.2		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	4	0.5		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	64-17-5	Ethanol	6.7	UG/M3	40	2.9	J TB	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	67-66-3	Chloroform	4.9	UG/M3	4	0.56		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-69-4	Freon 11	11	UG/M3	4	0.64		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	76-13-1	Freon 113	2800	UG/M3	40	6	D QD	79
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	76-14-2	Freon 114	ND	UG/M3	4	0.66		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-71-8	Freon 12	1.9	UG/M3	4	0.69	J	7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	306-83-2	Freon 123	ND	UG/M3	4	1.9		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	75-43-4	Freon 21	ND	UG/M3	4	1.9		7.9
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	ND	UG/M3	4	0.55		7.9
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	69	15		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	690	22		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	69	9.8		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	67-66-3	Chloroform	12	UG/M3	69	9.8	J	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	69	9.1		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	140	21		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	69	9.6		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	690	51		138

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	69	9.1		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	69	9.1		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	69	8.1		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	69	8.7		138
600-SGW-4	47.5	01/28/19	1901281354	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	4	0.52		7.9
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	690	15		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	140	30		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	69	9.9		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	690	170		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	69	15		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	79-01-6	Trichloroethene	340	UG/M3	69	9.9	QD	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	69	7.8		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	108-88-3	Toluene	8.9	UG/M3	69	8.9	J TB	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	69	9.1		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	69	18		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	69	8.5		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-69-4	Freon 11	15	UG/M3	69	11	J	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	69	17		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	69	10		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	69	7.4		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	76-13-1	Freon 113	10000	UG/M3	69	10	QD	138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	69	9.2		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	69	33		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	69	33		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	69	12		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	69	15		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	69	12		138

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	69	15		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	69	9.5		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	69	11		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	69	21		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	69	8.7		138
600-SGW-4	47.5	01/28/19	1901281353	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	140	19		138
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	41	6.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	20	3.4		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	76-13-1	Freon 113	4400	UG/M3	41	6.2	D	81
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	20	9.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	20	9.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	20	3.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	20	3.4		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	20	3.2		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-69-4	Freon 11	7.7	UG/M3	20	3.3	J	40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	20	2.8		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	20	3.4		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	20	3.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	200	15		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	20	3.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	354-23-4	Freon 123a	270	UG/M3	NA	NA	TIC	40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	79-01-6	Trichloroethene	380	UG/M3	20	2.9		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	20	4.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	20	2.6		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	20	2.3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	20	2.8		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	20	4.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	20	6.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	20	2.6		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	41	5.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	20	4.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	20	2.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	20	3.2		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	20	3.6		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	20	2.7		40.5

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	20	2.4		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	20	3.3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	20	2.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	20	2.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	20	5.3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	20	3.2		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	20	2.2		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	67-66-3	Chloroform	7.3	UG/M3	20	2.9	J	40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	20	3.2		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	20	2.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	20	2.9		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	20	2.6		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	200	6.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	20	2.7		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	20	4.5		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	20	4.9		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	200	49		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	20	3.4		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	20	2.9		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	41	8.9		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	20	3.1		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	20	3		40.5
600-SGW-4	107.5	01/28/19	1901281401	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	200	4.5		40.5
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	170	28		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-69-4	Freon 11	86	UG/M3	170	27	J	332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	76-13-1	Freon 113	57000	UG/M3	830	130	D	1660
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	170	28		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	170	29		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	170	80		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	170	80		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	1700	120		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	170	23		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	330	50		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	170	37		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	170	28		332

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	170	24		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	354-23-4	Freon 123a	1200	UG/M3	NA	NA	TIC	332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	170	19		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	79-01-6	Trichloroethene	720	UG/M3	170	24		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	170	23		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	170	37		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	170	29		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	170	50		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	170	21		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	330	46		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	170	37		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	170	21		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	170	21		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	170	27		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	170	27		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	170	29		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	170	18		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	170	27		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	170	43		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	170	29		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	170	20		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	170	37		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	1700	37		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	170	25		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	170	24		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	170	26		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	170	40		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	1700	400		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	170	24		332

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	170	28		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	170	24		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	330	73		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	170	22		332
600-SGW-4	142.5	01/28/19	1901281409	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	1700	53		332
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-69-4	Freon 11	2.4	UG/M3	7.9	1.3	J	15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	67-66-3	Chloroform	2.2	UG/M3	7.9	1.1	J	15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	7.9	3.8		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-71-8	Freon 12	2.1	UG/M3	7.9	1.4	J	15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	76-13-1	Freon 113	1900	UG/M3	31	4.8	D	62.8
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	79	5.8		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	16	2.4		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	7.9	1.4		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	7.9	1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	7.9	3.8		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	354-23-4	Freon 123a	47	UG/M3	NA	NA	TIC	15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	79-01-6	Trichloroethene	160	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	7.9	1.7		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	7.9	0.89		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	7.9	1.7		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	7.9	1.4		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	7.9	2.4		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	7.9	0.99		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	16	2.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	7.9	1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	7.9	1.4		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	7.9	1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	7.9	0.93		15.7

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	7.9	0.99		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	7.9	0.97		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	7.9	2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	7.9	0.85		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	7.9	1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	7.9	1.7		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	79	2.5		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	7.9	1.7		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	7.9	1.9		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	79	19		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	7.9	1.3		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	7.9	1.1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	16	3.5		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	7.9	1		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	79	1.7		15.7
600-SGW-6	7.5	01/29/19	1901290905	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	7.9	1.2		15.7
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	390	65		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	390	180		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	390	180		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	390	67		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	390	65		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	76-13-1	Freon 113	79000	UG/M3	770	120	D	1540
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-69-4	Freon 11	ND	UG/M3	390	62		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	390	58		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3900	280		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	390	54		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	770	120		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	390	61		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	390	58		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	390	53		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	390	64		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	390	44		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	390	51		770

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	390	66		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	79-01-6	Trichloroethene	4700	UG/M3	390	55		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	390	85		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	390	57		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	390	50		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	390	66		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	390	85		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	390	120		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	390	49		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	770	110		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	390	85		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	390	52		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	390	100		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	390	49		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	390	55		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	390	62		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	390	68		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	390	51		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	390	55		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	390	57		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	390	62		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	390	57		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	390	60		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	390	42		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	390	57		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	390	51		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	390	45		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	390	48		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	390	51		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	390	55		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	390	57		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3900	120		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	390	63		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	390	85		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3900	85		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	390	59		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	390	92		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3900	920		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	390	56		770

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	390	65		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	770	170		770
600-SGW-6	52.5	01/29/19	1901290910	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	390	57		770
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	780	84		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	1600	220		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	7800	1900		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	1600	230		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	7800	570		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-69-4	Freon 11	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	76-13-1	Freon 113	110000	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	780	370		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	780	370		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	780	170		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	780	98		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	780	230		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	780	170		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	79-01-6	Trichloroethene	5900	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	780	88		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	780	170		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	1600	340		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	780	200		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	780	96		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	780	91		1550

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	780	140		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	780	98		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	780	100		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	7800	170		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	7800	250		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	780	170		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	780	120		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	780	190		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	780	130		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	780	110		1550
600-SGW-6	102.5	01/29/19	1901290919	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	780	110		1550
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-69-4	Freon 11	ND	UG/M3	390	62		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	390	54		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	390	51		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	390	180		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	390	180		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	390	67		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	390	65		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	390	85		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	390	58		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	390	49		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	770	120		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	390	64		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	390	58		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	390	66		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	390	55		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	76-13-1	Freon 113	61000	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	390	50		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	390	51		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	3900	280		770

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	390	44		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	79-01-6	Trichloroethene	3000	UG/M3	390	55		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	390	65		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	390	57		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	390	85		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	390	52		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	390	53		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	390	66		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	390	120		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	390	85		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	390	57		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	390	63		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	390	62		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	390	68		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	390	51		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	390	45		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	390	49		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	390	48		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	390	42		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	390	100		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	390	57		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	390	60		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	390	55		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	390	57		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	770	110		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	390	61		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	390	57		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	3900	120		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	390	85		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	390	59		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	390	92		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	3900	920		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	390	56		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	390	55		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	770	170		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	390	51		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	3900	85		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	390	62		770
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	390	65		770

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-6	147.5	01/29/19	1901290926	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	390	57		770
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	3.8	1.8		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	3.8	0.52		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	3.8	0.65		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	3.8	1.1		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	3.8	0.48		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	7.6	1.1		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	3.8	0.84		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	3.8	0.84		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	3.8	1.8		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	3.8	0.66	J	7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	3.8	0.51		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	3.8	0.41		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	3.8	0.64		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	3.8	0.65		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	3.8	0.47		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	3.8	0.99		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	3.8	0.5		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	76-13-1	Freon 113	670	UG/M3	38	5.8	D	76
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	3.8	0.49		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	3.8	0.6		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	3.8	0.43		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	79-01-6	Trichloroethene	6.8	UG/M3	3.8	0.55		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	3.8	0.84		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	3.8	0.48		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	38	9.1		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	3.8	0.55		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	3.8	0.65		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	3.8	0.55		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	7.6	1.7		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	3.8	0.5		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	3.8	0.91		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	3.8	0.61		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	3.8	0.62		7.6

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	3.8	0.61		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	3.8	0.67		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-69-4	Freon 11	3	UG/M3	3.8	0.62	J	7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	3.8	0.5		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	3.8	0.84		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	38	0.84		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	3.8	0.53		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	3.8	0.45		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	38	2.8		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	7.6	1.1		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	3.8	0.63		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	3.8	0.57		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	3.8	0.65		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	3.8	0.5		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	3.8	0.54		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	38	1.2		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	3.8	0.56		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	3.8	0.54		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	3.8	0.57		7.6
600-SGW-7	7.5	01/29/19	1901290955	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	3.8	0.59		7.6
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	38	5.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	19	3.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	19	9.1		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	19	9.1		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	19	3.3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	19	3.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	76-13-1	Freon 113	3900	UG/M3	38	5.7	D	75.5
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-69-4	Freon 11	12	UG/M3	19	3.1	J	37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	19	2.6		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	19	4.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	19	3.1		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	190	14		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	19	3.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	19	2.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	79-01-6	Trichloroethene	210	UG/M3	19	2.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	19	4.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	19	2.6		37.8

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	19	2.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	19	4.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	19	3.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	19	5.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	19	2.4		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	38	5.3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	19	2.3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	19	2.4		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	19	3.1		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	19	3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	19	3.3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	19	3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	19	3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	19	4.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	19	2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	19	2.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	19	4.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	19	2.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	190	4.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	19	2.9		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	19	4.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	190	45		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	19	2.8		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	19	3.2		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	19	2.7		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	38	8.3		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	19	2.5		37.8
600-SGW-7	62.5	01/29/19	1901291000	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	190	6		37.8
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	45	22		90.7

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	45	22		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	45	7.9		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	45	7.6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	76-13-1	Freon 113	8100	UG/M3	45	6.9		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-69-4	Freon 11	17	UG/M3	45	7.3	J	90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	45	6.8		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	450	34		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	45	6.3		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	91	14		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	45	6.8		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	45	6.3		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	45	7.8		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	45	7.5		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	45	6.1		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	45	7.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	45	6.4		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	45	5.2		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	79-01-6	Trichloroethene	340	UG/M3	45	6.5		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	45	10		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	108-88-3	Toluene	35	UG/M3	45	5.9	J TB	90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	45	10		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	45	7.8		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	45	14		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	45	5.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	91	13		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	45	7.4		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	45	7.3		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	45	8		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	45	6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	45	6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	45	5.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	45	6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	45	5.3		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	45	12		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	45	7.1		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	45	4.9		90.7

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	45	10		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	45	7.2		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	45	10		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	45	6.4		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	45	5.6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	45	7.3		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	45	6.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	45	7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	91	20		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	450	10		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	450	15		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	45	6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	45	11		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	45	6.5		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	45	7.7		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	45	6.6		90.7
600-SGW-7	102.5	01/29/19	1901291008	TO-15	Soil Vapor	67-64-1	Acetone	120	UG/M3	450	110	J TB	90.7
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	67-63-0	2-Propanol	ND	UG/M3	15000	3300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	76000	1700		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	67-64-1	Acetone	ND	UG/M3	76000	18000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	ND	UG/M3	7600	1800		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	71-43-2	Benzene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-25-2	Bromoform	ND	UG/M3	7600	1700		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	74-83-9	Bromomethane	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	ND	UG/M3	76000	2400		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	ND	UG/M3	7600	890		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	ND	UG/M3	15000	2100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	7600	820		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-00-3	Chloroethane	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	7600	2000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	7600	1200		15100

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	ND	UG/M3	7600	950		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	7600	940		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	ND	UG/M3	7600	2300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	95-47-6	o-Xylene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	100-42-5	Styrene	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	ND	UG/M3	7600	1700		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	108-88-3	Toluene	ND	UG/M3	7600	980		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	142-82-5	Heptane	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	7600	1700		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	2800	UG/M3	7600	1100	J	15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	ND	UG/M3	7600	860		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	15100
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-69-4	Freon 11	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	74-87-3	Chloromethane	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	98-82-8	Cumene	ND	UG/M3	7600	1200		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	ND	UG/M3	15000	2300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	7600	950		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	110-54-3	Hexane	ND	UG/M3	7600	1700		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	76-13-1	Freon 113	2E+06	UG/M3	15000	2300	D	30200
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	76-14-2	Freon 114	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-71-8	Freon 12	ND	UG/M3	7600	1300		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	306-83-2	Freon 123	ND	UG/M3	7600	3600		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	75-43-4	Freon 21	ND	UG/M3	7600	3600		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	67-66-3	Chloroform	ND	UG/M3	7600	1100		15100
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	64-17-5	Ethanol	ND	UG/M3	76000	5600		15100
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	15000	3300		15200

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291021	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	7600	1000		15100
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	7600	1800		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	7600	960		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	7600	1700		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	76000	2400		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	76000	18000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	7600	820		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	7600	2000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	76000	1700		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	7600	940		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	7600	900		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	7600	990		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	7600	1700		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	15000	2100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	7600	960		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	7600	2300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	7600	870		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	7600	1700		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	7600	1700		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	79-01-6	Trichloroethene	2900	UG/M3	7600	1100	J	15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	15200

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	7600	1000		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	15000	2300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	76000	5600		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	7600	1100		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-69-4	Freon 11	ND	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	76-13-1	Freon 113	2E+06	UG/M3	7600	1200		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	7600	1300		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	7600	3600		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	7600	3600		15200
600-SGW-7	152.5	01/29/19	1901291020	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	7600	1300		15200
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	40	6.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	40	19		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	40	19		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	40	6.9		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	40	6.6		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	76-13-1	Freon 113	10000	UG/M3	160	24	D	316
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-69-4	Freon 11	6.4	UG/M3	40	6.4	J	79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	40	5.9		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	400	29		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	79	12		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	40	6.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	40	6.6		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	40	5.9		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	40	5.6		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	40	5.5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	40	6.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	40	5.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	79-01-6	Trichloroethene	17	UG/M3	40	5.7	J	79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	40	8.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	40	5.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	40	4.5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	40	5.5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	40	8.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	40	6.1		79

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	40	6.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	40	12		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	40	5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	79	11		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	40	8.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	40	5.3		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	40	6.3		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	40	7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	40	6.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	40	5.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	40	5.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	40	6.5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	40	5.6		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	40	4.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	40	10		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	40	6.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	40	4.3		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	40	6.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	40	6.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	40	6.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	40	4.9		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	40	5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	40	6.1		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	400	13		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	40	9.5		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	400	95		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	40	5.8		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	40	6.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	40	5.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	79	17		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	40	5.2		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	400	8.7		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	40	6.3		79
600-SGW-8	7.5	01/29/19	1901291255	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	40	8.7		79
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	67-64-1	Acetone	18	UG/M3	20	4.7	J TB	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	591-78-6	2-Hexanone	0.82	UG/M3	2	0.26	J TB	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	67-63-0	2-Propanol	ND	UG/M3	3.9	0.86		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	107-05-1	3-Chloropropene	ND	UG/M3	2	0.28		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	622-96-8	4-Ethyltoluene	ND	UG/M3	2	0.33		3.9

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2	0.28		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2	0.47		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	71-43-2	Benzene	0.85	UG/M3	2	0.3	J TB	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-27-4	Bromodichloromethane	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-25-2	Bromoform	ND	UG/M3	2	0.43		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	74-83-9	Bromomethane	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-15-0	Carbon Disulfide	ND	UG/M3	20	0.62		3.9
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	2.1	0.29		4.15
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	56-23-5	Carbon Tetrachloride	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	107-06-2	1,2-Dichloroethane	ND	UG/M3	2	0.23		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	142-82-5	Heptane	ND	UG/M3	2	0.33		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2	0.21		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	108-90-7	Chlorobenzene	ND	UG/M3	2	0.28		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-35-4	1,1-Dichloroethene	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2	0.51		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-34-3	1,1-Dichloroethane	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2	0.31		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.7	UG/M3	20	0.43	J TB	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	78-87-5	1,2-Dichloropropane	ND	UG/M3	2	0.26		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	106-99-0	1,3-Butadiene	ND	UG/M3	2	0.34		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2	0.31		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2	0.32		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	123-91-1	1,4-Dioxane	ND	UG/M3	2	0.25		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2	0.31		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2	0.24		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	109-99-9	Tetrahydrofuran	ND	UG/M3	2	0.26		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	179601-23-1	m,p-Xylene	ND	UG/M3	3.9	0.55		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2	0.25		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-09-2	Methylene Chloride	ND	UG/M3	2	0.59		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	95-47-6	o-Xylene	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	103-65-1	Propylbenzene	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	306-83-2	Freon 123	ND	UG/M3	2	0.94		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	127-18-4	Tetrachloroethene	ND	UG/M3	2	0.27		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-43-4	Freon 21	ND	UG/M3	2	0.94		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	108-88-3	Toluene	ND	UG/M3	2	0.25		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2	0.43		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	79-01-6	Trichloroethene	2.6	UG/M3	2	0.28		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-01-4	Vinyl Chloride	ND	UG/M3	2	0.22		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	354-23-4	Freon 123a	63	UG/M3	NA	NA	TIC	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	100-42-5	Styrene	ND	UG/M3	2	0.34		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	64-17-5	Ethanol	ND	UG/M3	20	1.4		3.9

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-00-3	Chloroethane	ND	UG/M3	2	0.26		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	67-66-3	Chloroform	ND	UG/M3	2	0.28		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	74-87-3	Chloromethane	ND	UG/M3	2	0.34		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2	0.32		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	98-82-8	Cumene	ND	UG/M3	2	0.3		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	110-54-3	Hexane	0.81	UG/M3	2	0.43	J	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	124-48-1	Dibromochloromethane	ND	UG/M3	2	0.27		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	87-68-3	Hexachlorobutadiene	ND	UG/M3	2	0.43		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	100-41-4	Ethyl Benzene	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-69-4	Freon 11	2.9	UG/M3	2	0.32		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	76-13-1	Freon 113	130	UG/M3	2	0.3	QD	3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	76-14-2	Freon 114	ND	UG/M3	2	0.33		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	75-71-8	Freon 12	2.2	UG/M3	2	0.34		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2	0.29		3.9
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	110-82-7	Cyclohexane	ND	UG/M3	3.9	0.59		3.9
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	67-64-1	Acetone	18	UG/M3	21	5	J TB	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.4	UG/M3	21	0.46	J TB	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.46	UG/M3	2.1	0.27	J TB	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	67-63-0	2-Propanol	5.6	UG/M3	4.2	0.91	TB	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	2.1	0.3		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2.1	0.33		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2.1	0.3		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	2.1	0.37		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2.1	0.5		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	2.1	0.46		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	21	0.66		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	2.1	0.35		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2.1	0.54		4.15
600-SGW-8	52.5	01/29/19	1901291302	TO-15	Soil Vapor-D	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2	0.26		3.9
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2.1	0.27		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2.1	0.22		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	2.1	0.26		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2.1	0.33		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2.1	0.26		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2.1	0.33		4.15

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	2.1	0.24		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	2.1	0.27		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	2.1	0.28		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	2.1	0.46		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	4.2	0.58		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2.1	0.26		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	2.1	0.62		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	2.1	0.46		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	2.1	0.29		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	79-01-6	Trichloroethene	5.4	UG/M3	2.1	0.3		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	2.1	0.27		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2.1	0.46		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	2.1	0.29		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	2.1	0.24		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2.1	0.34		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	354-23-4	Freon 123a	59	UG/M3	NA	NA	TIC	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	2.1	0.36		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2.1	0.34		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	2.1	0.27		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	74-87-3	Chloromethane	0.37	UG/M3	2.1	0.36	J	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	2.1	0.32		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	4.2	0.62		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	2.1	0.29		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	64-17-5	Ethanol	10	UG/M3	21	1.5	J	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	2.1	0.31		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	76-13-1	Freon 113	380	UG/M3	2.1	0.32	QD	4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	2.1	0.35		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	2.1	0.36		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	2.1	1		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	2.1	1		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	2.1	0.35		4.15
600-SGW-8	52.5	01/29/19	1901291301	TO-15	Soil Vapor	75-69-4	Freon 11	2.9	UG/M3	2.1	0.34		4.15
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	2	0.95		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	2	0.95		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	2	0.35		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	2	0.33		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	76-13-1	Freon 113	220	UG/M3	2	0.3		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-69-4	Freon 11	2.6	UG/M3	2	0.32		3.98

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	2	0.3		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	64-17-5	Ethanol	3.7	UG/M3	20	1.5	J	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	0.7	UG/M3	2	0.3	J	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	4	0.6		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2	0.33		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	2	0.34		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	2	0.27		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	2	0.28		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	67-66-3	Chloroform	0.37	UG/M3	2	0.28	J	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	2	0.34		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	2	0.23		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	79-01-6	Trichloroethene	3	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2	0.44		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	2	0.27		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	2	0.44		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	2	0.34		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	2	0.6		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2	0.25		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	4	0.56		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	2	0.26		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	2	0.25		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2	0.33		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2	0.32		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	2	0.35		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2	0.32		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2	0.25		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	2	0.26		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2	0.52		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2	0.21		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	2	0.26		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	2	0.44		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	2	0.23		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	2	0.28		3.98

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2	0.26		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	20	0.64		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	2	0.44		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	2	0.31		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	67-64-1	Acetone	15	UG/M3	20	4.8	J TB	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	2	0.34		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	2	0.29		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	4	0.87		3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.41	UG/M3	2	0.26	J TB	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	3.6	UG/M3	20	0.44	J TB	3.98
600-SGW-8	102.5	01/29/19	1901291309	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2	0.48		3.98
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	32	5.4		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	32	16		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	32	16		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	32	5.6		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	32	5.4		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	76-13-1	Freon 113	8700	UG/M3	54	8.2	D	108
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-69-4	Freon 11	31	UG/M3	32	5.2	J	64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	32	4.9		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	320	24		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	32	4.5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	32	5.6		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	32	4.9		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	32	5.5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	65	9.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	32	5.6		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	32	4.6		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	79-01-6	Trichloroethene	ND	UG/M3	32	4.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	32	7.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	32	4.2		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	32	3.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	32	4.5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	32	7.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	32	9.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	32	4.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	65	9.1		64.8

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	32	7.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	32	4.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	32	8.4		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	32	5.2		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	32	5.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	32	4.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	32	3.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	32	5.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	32	4		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	32	5.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	32	5.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	32	3.5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	32	4.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	32	4.6		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	32	4.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	320	10		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	32	4.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	32	4.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	32	7.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	32	5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	32	7.8		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	320	78		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	32	4.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	32	5.5		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	32	4.7		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	65	14		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	32	4.3		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	320	7.1		64.8
600-SGW-8	145.5	01/29/19	1901291318	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	32	5.2		64.8
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	2	0.3		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	2	0.95		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-71-8	Freon 12	2.2	UG/M3	2	0.34		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	2	0.33		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	76-13-1	Freon 113	830	UG/M3	20	3	D	39.5
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-69-4	Freon 11	3.2	UG/M3	2	0.32		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	1.3	UG/M3	2	0.3	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	64-17-5	Ethanol	3.6	UG/M3	20	1.5	J	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	2	0.28		3.95

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	4	0.59		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	2	0.28		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2	0.33		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	2	0.95		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	2	0.26		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	2	0.3		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	103-65-1	Propylbenzene	0.38	UG/M3	2	0.3	J	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	79-01-6	Trichloroethene	7.6	UG/M3	2	0.28		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2	0.43		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	108-88-3	Toluene	5.4	UG/M3	2	0.26	TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	2	0.26		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	2	0.23		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	2	0.34		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	142-82-5	Heptane	0.64	UG/M3	2	0.34	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	95-47-6	o-Xylene	1.2	UG/M3	2	0.3	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	2	0.59		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2	0.25		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	3	UG/M3	4	0.55	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	2	0.43		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	2	0.43		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	2	0.27		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	1.1	UG/M3	2	0.29	J	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2	0.32		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	2	0.35		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2	0.3		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	2	0.26		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	2	0.23		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2	0.32		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2	0.24		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2	0.26		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2	0.51		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	2	0.31		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2	0.21		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	74-87-3	Chloromethane	0.39	UG/M3	2	0.34	J	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2	0.31		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	2	0.3		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	2	0.28		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	20	0.63		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	2	0.25		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	2	0.43		3.95

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	71-43-2	Benzene	0.77	UG/M3	2	0.3	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2	0.47		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	2	0.34		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	2	0.28		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	4	0.87		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	591-78-6	2-Hexanone	0.71	UG/M3	2	0.26	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	4.5	UG/M3	20	0.43	J TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	67-64-1	Acetone	30	UG/M3	20	4.7	TB	3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	2	0.29		3.95
600-SGW-9	7.5	01/29/19	1901291425	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2	0.32		3.95
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	2	0.33		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-69-4	Freon 11	2.1	UG/M3	2	0.32		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	76-13-1	Freon 113	52	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	2	0.33		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-71-8	Freon 12	2.4	UG/M3	2	0.34		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	2	0.94		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	2	0.94		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	20	1.4		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	2	0.27		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	3.9	0.59		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	2	0.43		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	4.6	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	2	0.25		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2	0.32		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	2	0.26		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	2	0.26		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	2	0.28		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	2	0.22		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	79-01-6	Trichloroethene	28	UG/M3	2	0.28		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	22	UG/M3	2	0.27		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	2	0.43		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	2	0.34		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	2	0.59		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2	0.25		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	3.9	0.55		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2	0.43		3.9

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2	0.24		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	2	0.25		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2	0.32		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2	0.31		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	2	0.34		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2	0.21		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	2	0.26		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2	0.31		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2	0.31		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2	0.51		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	2	0.34		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2	0.26		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	2	0.43		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	2	0.23		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.59	UG/M3	20	0.43	J TB	3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	2	0.29		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	2	0.28		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	2	0.3		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	71-43-2	Benzene	0.63	UG/M3	2	0.3	J TB	3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2	0.47		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	20	4.7		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2	0.28		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	2	0.33		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	2	0.28		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	3.9	0.86		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	2	0.26		3.9
600-SGW-9	40	01/29/19	1901291430	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	20	0.62		3.9
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	2.2	0.38		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	2.2	0.38		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	2.2	1.1		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	2.2	1.1		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-71-8	Freon 12	2.3	UG/M3	2.2	0.39		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	76-13-1	Freon 113	21	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-69-4	Freon 11	1.2	UG/M3	2.2	0.36	J	4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	22	1.7		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	2.2	0.31		4.48

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	4.5	0.67		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	2.2	0.37		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	2.2	0.31		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	2.2	0.38		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	2.2	0.36		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	79-01-6	Trichloroethene	0.64	UG/M3	2.2	0.32	J	4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	2.2	0.49		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	2.2	0.26		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	2.2	0.3		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	2.2	0.49		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	2.2	0.38		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-09-2	Methylene Chloride	0.71	UG/M3	2.2	0.67	J TB	4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	2.2	0.28		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	4.5	0.63		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	2.2	0.49		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	108-88-3	Toluene	0.29	UG/M3	2.2	0.29	J TB	4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	2.2	0.36		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	2.2	0.39		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	2.2	0.3		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	2.2	0.3		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	2.2	0.37		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	2.2	0.32		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	2.2	0.26		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	2.2	0.58		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	2.2	0.35		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	2.2	0.24		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	2.2	0.3		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	2.2	0.35		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	2.2	0.49		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	2.2	0.3		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	2.2	0.28		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	2.2	0.28		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	2.2	0.32		4.48

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	2.2	0.34		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	2.2	0.54		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	22	5.4		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	2.2	0.33		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	2.2	0.38		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	2.2	0.32		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	4.5	0.98		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	22	0.49		4.48
600-SGW-9	80	01/29/19	1901291436	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	22	0.72		4.48
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	76-13-1	Freon 113	16000	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	142-82-5	Heptane	ND	UG/M3	110	19		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-43-4	Freon 21	ND	UG/M3	110	55		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	306-83-2	Freon 123	ND	UG/M3	110	55		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-71-8	Freon 12	ND	UG/M3	110	20		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	76-14-2	Freon 114	ND	UG/M3	110	19		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-69-4	Freon 11	310	UG/M3	110	18		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	100-41-4	Ethyl Benzene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	64-17-5	Ethanol	ND	UG/M3	1100	84		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	124-48-1	Dibromochloromethane	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	110-82-7	Cyclohexane	ND	UG/M3	230	34		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	98-82-8	Cumene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	156-59-2	cis-1,2-Dichloroethene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	10061-01-5	cis-1,3-Dichloropropene	ND	UG/M3	110	19		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	127-18-4	Tetrachloroethene	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	540-84-1	2,2,4-Trimethylpentane	ND	UG/M3	110	18		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	354-23-4	Freon 123a	ND	UG/M3	NA	NA	*	227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	74-87-3	Chloromethane	ND	UG/M3	110	20		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	79-01-6	Trichloroethene	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	10061-02-6	trans-1,3-Dichloropropene	ND	UG/M3	110	25		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	156-60-5	trans-1,2-Dichloroethene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-01-4	Vinyl Chloride	ND	UG/M3	110	13		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	109-99-9	Tetrahydrofuran	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	87-68-3	Hexachlorobutadiene	ND	UG/M3	110	25		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	100-42-5	Styrene	ND	UG/M3	110	20		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	103-65-1	Propylbenzene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	95-47-6	o-Xylene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-09-2	Methylene Chloride	ND	UG/M3	110	34		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	1634-04-4	Methyl tert-butyl ether	ND	UG/M3	110	14		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	179601-23-1	m,p-Xylene	ND	UG/M3	230	32		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	110-54-3	Hexane	ND	UG/M3	110	25		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	108-88-3	Toluene	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	95-63-6	1,2,4-Trimethylbenzene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	541-73-1	1,3-Dichlorobenzene	ND	UG/M3	110	18		227

Appendix C - Chemical Analytical Results for January 2019 Comprehensive Sampling Event at all 600-SGWs

Borehole	Sample Depth	Event Date	Sample Number	Analysis	Sample Type	Cas No	Analyte	Result	Units	Reporting Limit	Detection Limit	QA Flag	Dilution
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	106-99-0	1,3-Butadiene	ND	UG/M3	110	20		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	108-67-8	1,3,5-Trimethylbenzene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	78-87-5	1,2-Dichloropropane	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	107-06-2	1,2-Dichloroethane	ND	UG/M3	110	13		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	591-78-6	2-Hexanone	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	106-93-4	1,2-Dibromoethane (EDB)	ND	UG/M3	110	14		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	78-93-3	2-Butanone (Methyl Ethyl Ketone)	ND	UG/M3	1100	25		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	120-82-1	1,2,4-Trichlorobenzene	ND	UG/M3	110	30		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-35-4	1,1-Dichloroethene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-34-3	1,1-Dichloroethane	ND	UG/M3	110	18		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	79-00-5	1,1,2-Trichloroethane	ND	UG/M3	110	12		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	79-34-5	1,1,2,2-Tetrachloroethane	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	71-55-6	1,1,1-Trichloroethane	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	95-50-1	1,2-Dichlorobenzene	ND	UG/M3	110	18		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	100-44-7	alpha-Chlorotoluene	ND	UG/M3	110	27		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-00-3	Chloroethane	ND	UG/M3	110	15		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	108-90-7	Chlorobenzene	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	56-23-5	Carbon Tetrachloride	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-15-0	Carbon Disulfide	ND	UG/M3	1100	36		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	74-83-9	Bromomethane	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-25-2	Bromoform	ND	UG/M3	110	25		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	106-46-7	1,4-Dichlorobenzene	ND	UG/M3	110	19		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	71-43-2	Benzene	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	123-91-1	1,4-Dioxane	ND	UG/M3	110	14		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	67-64-1	Acetone	ND	UG/M3	1100	270		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	108-10-1	4-Methyl-2-pentanone	ND	UG/M3	110	17		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	622-96-8	4-Ethyltoluene	ND	UG/M3	110	19		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	107-05-1	3-Chloropropene	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	67-63-0	2-Propanol	ND	UG/M3	230	50		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	67-66-3	Chloroform	ND	UG/M3	110	16		227
600-SGW-9	120	01/29/19	1901291444	TO-15	Soil Vapor	75-27-4	Bromodichloromethane	ND	UG/M3	110	17		227

Appendix D
Chemical Analytical Results for Surface Water Sampling at 100 Area Lagoon (North) and 600 Area Lagoon (East)

Appendix D - Chemical Analytical Results for Surface Water Sampling at 100 Area and 600 Area Lagoons

Well Name	Event Date	Analysis Method	Constituent	Sample Number	Analysis Method	Cas No	Analyte	Result	Units	Quant Limit	Det Limit	Extract Efficiency	QA Flag
600-Lagoon-E	06/07/06	300	NO2,NO3	606071106	300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	0.1	0.039		
100-Lagoon-S	06/07/06	300	NO2,NO3	606071306	300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	0.1	0.039		
100-Lagoon-N	12/05/06	353.2	NO2,NO3	612050834	353.2	NA	Nitrate+Nitrite as Nitrogen	0.462	mg/l	0.05	0.0028		
600-Lagoon-W	12/05/06	353.2	NO2,NO3	612050924	353.2	NA	Nitrate+Nitrite as Nitrogen	0.0223	mg/l	0.05	0.0028		J
100-Lagoon-S	05/22/07	353.2	NO2,NO3	705220842	353.2	NA	Nitrate+Nitrite as Nitrogen	0.0952	mg/l	0.05	0.0028		
600-Lagoon-E	05/22/07	353.2	NO2,NO3	705220922	353.2	NA	Nitrate+Nitrite as Nitrogen	0.0117	mg/l	0.05	0.0028		J
600-Lagoon-W	11/26/07	300	NO2,NO3	711260817	E300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	0.2	0.0286		
100-Lagoon-N	11/26/07	300	NO2,NO3	711260847	E300	NA	Nitrate (As N)+Nitrite (As N)	1.8	mg/l	0.2	0.0286		
600-Lagoon-E	05/20/08	300	NO2,NO3	805200922	E300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	0.2	0.0113		
100-Lagoon-S	05/20/08	300	NO2,NO3	805200947	E300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	0.2	0.0113		
100-Lagoon-N	11/21/08	300	NO2,NO3	811210802	E300	NA	Nitrate (As N)+Nitrite (As N)	0.62	mg/l	1	0.0159		J
600-Lagoon-W	11/21/08	300	NO2,NO3	811210847	E300	NA	Nitrate (As N)+Nitrite (As N)	ND	mg/l	1	0.0159		
100-Lagoon-S	05/12/09	353.2	NO2,NO3	905120832	353.2	NA	Nitrate+Nitrite as Nitrogen	0.021	mg/L	0.05	0.003		J RB
600-Lagoon-E	05/12/09	353.2	NO2,NO3	905120902	353.2	NA	Nitrate+Nitrite as Nitrogen	0.034	mg/L	0.05	0.003		J RB
100-Lagoon-N	11/17/09	353.2	NO2,NO3	0911170947L	EPA353.2	NA	NITRATE/NITRITE AS N	1.5	MG/L	0.01	0.0036		
600-Lagoon-W	11/17/09	353.2	NO2,NO3	911171002	EPA353.2	NA	NITRATE/NITRITE AS N	0.037	MG/L	0.01	0.0036		
100-Lagoon-S	05/17/10	353.2	NO2,NO3	1005171302	EPA353.2	NA	NITRATE/NITRITE AS N	0.86	MG/L	0.01	0.0036		
600-Lagoon-E	05/17/10	353.2	NO2,NO3	1005171312	EPA353.2	NA	NITRATE/NITRITE AS N	ND	MG/L	0.01	0.0036		
100-Lagoon-N	11/18/10	353.2	NO2,NO3	1011180901	EPA353.2	NA	NITRATE/NITRITE AS N	0.51	MG/L	0.01	0.0036		
600-Lagoon-W	11/18/10	353.2	NO2,NO3	1011180921	EPA353.2	NA	NITRATE/NITRITE AS N	0.029	MG/L	0.01	0.0036		
100-Lagoon-S	05/23/11	353.2	NO2,NO3	1105230801	EPA353.2	NA	NITRATE/NITRITE AS N	1.4	MG/L	0.01	0.002		
600-Lagoon-E	05/23/11	353.2	NO2,NO3	1105230816	EPA353.2	NA	NITRATE/NITRITE AS N	ND	MG/L	0.01	0.002		
100-Lagoon-N	11/16/11	353.2	NO2,NO3	1111160826	EPA353.2	NA	NITRATE/NITRITE AS N	0.69	MG/L	0.01	0.002		
600-Lagoon-W	11/16/11	353.2	NO2,NO3	1111160906	EPA353.2	NA	NITRATE/NITRITE AS N	0.13	MG/L	0.01	0.002		
100-Lagoon-S	05/23/12	353.2	NO2,NO3	1205230801	EPA353.2	NA	NITRATE/NITRITE AS N	0.014	MG/L	0.01	0.003		
600-Lagoon-E	05/23/12	353.2	NO2,NO3	1205230821	EPA353.2	NA	NITRATE/NITRITE AS N	0.0067	MG/L	0.01	0.003		J
100-Lagoon-N	11/27/12	353.2	NO2,NO3	1211271311	353.2	NA	Nitrate+Nitrite as Nitrogen	0.206	mg/L	0.05	0.003		
600-Lagoon-W	11/27/12	353.2	NO2,NO3	1211271331	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.003		
100-Lagoon-S	05/16/13	353.2	NO2,NO3	1305160802	353.2	NA	Nitrate+Nitrite as Nitrogen	0.022	mg/L	0.05	0.003		J
600-Lagoon-E	05/16/13	353.2	NO2,NO3	1305160817	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.003		
100-Lagoon-N	11/20/13	353.2	NO2,NO3	1311201000	353.2	NA	Nitrate+Nitrite as Nitrogen	1.46	mg/L	0.05	0.003		
600-Lagoon-W	11/20/13	353.2	NO2,NO3	1311201017	353.2	NA	Nitrate+Nitrite as Nitrogen	0.027	mg/L	0.05	0.003		J
100-Lagoon-S	05/22/14	353.2	NO2,NO3	1405220922	353.2	NA	Nitrate+Nitrite as Nitrogen	0.185	mg/L	0.05	0.002		
600-Lagoon-E	05/22/14	353.2	NO2,NO3	1405220932	353.2	NA	Nitrate+Nitrite as Nitrogen	0.053	mg/L	0.05	0.002		
100-Lagoon-N	12/02/14	353.2	NO2,NO3	1412020902	353.2	NA	Nitrate+Nitrite as Nitrogen	0.377	mg/L	0.05	0.002		
600-Lagoon-W	12/02/14	353.2	NO2,NO3	1412020917	353.2	NA	Nitrate+Nitrite as Nitrogen	0.076	mg/L	0.05	0.002		
100-Lagoon-S	05/18/15	353.2	NO2,NO3	1505180902	353.2	NA	Nitrate+Nitrite as Nitrogen	0.091	mg/L	0.05	0.002		
600-Lagoon-E	05/18/15	353.2	NO2,NO3	1505180912	353.2	NA	Nitrate+Nitrite as Nitrogen	0.007	mg/L	0.05	0.002		J
100-Lagoon-N-WW-1	09/04/15	353.2	NO2,NO3	1509081318L	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.012		
100-Lagoon-N-WW-2	09/04/15	353.2	NO2,NO3	1509081334L	353.2	NA	Nitrate+Nitrite as Nitrogen	0.058	mg/L	0.05	0.012		
100-Lagoon-S-WW-1	09/04/15	353.2	NO2,NO3	1509081407L	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.012		
100-Lagoon-S-WW-2	09/04/15	353.2	NO2,NO3	1509081352L	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.012		
600-Lagoon-NW-WW-1	09/09/15	353.2	NO2,NO3	1509091411L	353.2	NA	Nitrate+Nitrite as Nitrogen	0.013	mg/L	0.05	0.012		J
600-Lagoon-NW-WW-2	09/09/15	353.2	NO2,NO3	1509091421L	353.2	NA	Nitrate+Nitrite as Nitrogen	0.019	mg/L	0.05	0.012		J
600-Lagoon-SW-WW-1	09/09/15	353.2	NO2,NO3	1509091317L	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.012		

Appendix D - Chemical Analytical Results for Surface Water Sampling at 100 Area and 600 Area Lagoons

Well Name	Event Date	Analysis Method	Constituent	Sample Number	Analysis Method	Cas No	Analyte	Result	Units	Quant Limit	Det Limit	Extract Efficiency	QA Flag
600-Lagoon-SW-WW-2	09/09/15	353.2	NO2,NO3	1509091346L	353.2	NA	Nitrate+Nitrite as Nitrogen	ND	mg/L	0.05	0.012		

Appendix E
Mann-Kendall Trend Statistics Data

	A	B	C	D	E	F	G	H	I	J	K	L
1				Goodness-of-Fit Test Statistics for Uncensored Full Data Sets without Non-Detects								
2		User Selected Options										
3		Date/Time of Computation		ProUCL 5.2 4/10/2023 9:12:59 PM								
4		From File		600-G-138_GW_Input.xls								
5		Full Precision		OFF								
6		Confidence Coefficient		0.95								
7												
8												
9	Chloride											
10												
11			Raw Statistics									
12			Number of Valid Observations			40						
13			Number of Missing Observations			3						
14			Number of Distinct Observations			34						
15			Minimum			137						
16			Maximum			292						
17			Mean of Raw Data			210.3						
18			Standard Deviation of Raw Data			40.44						
19			Khat			27.33						
20			Theta hat			7.693						
21			Kstar			25.3						
22			Theta star			8.312						
23			Mean of Log Transformed Data			5.33						
24			Standard Deviation of Log Transformed Data			0.196						
25												
26			Normal GOF Test Results									
27												
28			Correlation Coefficient R			0.988						
29			Shapiro Wilk Test Statistic			0.96						
30			Shapiro Wilk Critical (0.05) Value			0.94						
31			Approximate Shapiro Wilk P Value			0.243						
32			Lilliefors Test Statistic			0.109						
33			Lilliefors Critical (0.05) Value			0.139						
34	Data appear Normal at (0.05) Significance Level											
35												
36			Gamma GOF Test Results									
37												
38			Correlation Coefficient R			0.987						
39			A-D Test Statistic			0.502						
40			A-D Critical (0.05) Value			0.747						
41			K-S Test Statistic			0.0997						
42			K-S Critical(0.05) Value			0.139						
43	Data appear Gamma Distributed at (0.05) Significance Level											
44												

	A	B	C	D	E	F	G	H	I	J	K	L
45	**Lognormal GOF Test Results**											
46												
47					Correlation Coefficient R	0.987						
48					Shapiro Wilk Test Statistic	0.96						
49					Shapiro Wilk Critical (0.05) Value	0.94						
50					Approximate Shapiro Wilk P Value	0.233						
51					Lilliefors Test Statistic	0.0998						
52					Lilliefors Critical (0.05) Value	0.139						
53	**Data appear Lognormal at (0.05) Significance Level**											
54												
55	Chloroform											
56												
57	**Raw Statistics**											
58					Number of Valid Observations	41						
59					Number of Missing Observations	10						
60					Number of Distinct Observations	31						
61					Minimum	0.24						
62					Maximum	1.2						
63					Mean of Raw Data	0.611						
64					Standard Deviation of Raw Data	0.177						
65					Khat	10.84						
66					Theta hat	0.0564						
67					Kstar	10.06						
68					Theta star	0.0607						
69					Mean of Log Transformed Data	-0.54						
70					Standard Deviation of Log Transformed Data	0.327						
71												
72	**Normal GOF Test Results**											
73												
74					Correlation Coefficient R	0.962						
75					Shapiro Wilk Test Statistic	0.942						
76					Shapiro Wilk Critical (0.05) Value	0.941						
77					Approximate Shapiro Wilk P Value	0.049						
78					Lilliefors Test Statistic	0.0943						
79					Lilliefors Critical (0.05) Value	0.137						
80	**Data appear Normal at (0.05) Significance Level**											
81												
82	**Gamma GOF Test Results**											
83												
84					Correlation Coefficient R	0.959						
85					A-D Test Statistic	1.227						
86					A-D Critical (0.05) Value	0.748						
87					K-S Test Statistic	0.125						
88					K-S Critical(0.05) Value	0.138						
89	**Data follow Appr. Gamma Distribution at (0.05) Significance Level**											
90												

	A	B	C	D	E	F	G	H	I	J	K	L
91	Lognormal GOF Test Results											
92												
93	Correlation Coefficient R					0.936						
94	Shapiro Wilk Test Statistic					0.885						
95	Shapiro Wilk Critical (0.05) Value					0.941						
96	Approximate Shapiro Wilk P Value					3.7570E-4						
97	Lilliefors Test Statistic					0.149						
98	Lilliefors Critical (0.05) Value					0.137						
99	Data not Lognormal at (0.05) Significance Level											
100												
101	NO2NO3											
102												
103	Raw Statistics											
104	Number of Valid Observations					40						
105	Number of Missing Observations					1						
106	Number of Distinct Observations					30						
107	Minimum					5.32						
108	Maximum					13.5						
109	Mean of Raw Data					11.05						
110	Standard Deviation of Raw Data					1.526						
111	Khat					42.5						
112	Theta hat					0.26						
113	Kstar					39.33						
114	Theta star					0.281						
115	Mean of Log Transformed Data					2.391						
116	Standard Deviation of Log Transformed Data					0.166						
117												
118	Normal GOF Test Results											
119												
120	Correlation Coefficient R					0.917						
121	Shapiro Wilk Test Statistic					0.86						
122	Shapiro Wilk Critical (0.05) Value					0.94						
123	Approximate Shapiro Wilk P Value					6.2038E-5						
124	Lilliefors Test Statistic					0.162						
125	Lilliefors Critical (0.05) Value					0.139						
126	Data not Normal at (0.05) Significance Level											
127												
128	Gamma GOF Test Results											
129												
130	Correlation Coefficient R					0.897						
131	A-D Test Statistic					2.254						
132	A-D Critical (0.05) Value					0.746						
133	K-S Test Statistic					0.189						
134	K-S Critical(0.05) Value					0.139						
135	Data not Gamma Distributed at (0.05) Significance Level											
136												

	A–F	G	H	I	J	K	L
137	**Lognormal GOF Test Results**						
138							
139	Correlation Coefficient R | 0.851						
140	Shapiro Wilk Test Statistic | 0.751						
141	Shapiro Wilk Critical (0.05) Value | 0.94						
142	Approximate Shapiro Wilk P Value | 2.6232E-8						
143	Lilliefors Test Statistic | 0.204						
144	Lilliefors Critical (0.05) Value | 0.139						
145	**Data not Lognormal at (0.05) Significance Level**						
146							
147	**Non-parametric GOF Test Results**						
148							
149	**Data do not follow a discernible distribution at (0.05) Level of Significanc**						
150							
151	**TCE**						
152							
153	**Raw Statistics**						
154	Number of Valid Observations | 41						
155	Number of Missing Observations | 10						
156	Number of Distinct Observations | 28						
157	Minimum | 32						
158	Maximum | 110						
159	Mean of Raw Data | 60.68						
160	Standard Deviation of Raw Data | 23.89						
161	Khat | 7.015						
162	Theta hat | 8.651						
163	Kstar | 6.518						
164	Theta star | 9.31						
165	Mean of Log Transformed Data | 4.033						
166	Standard Deviation of Log Transformed Data | 0.384						
167							
168	**Normal GOF Test Results**						
169							
170	Correlation Coefficient R | 0.957						
171	Shapiro Wilk Test Statistic | 0.894						
172	Shapiro Wilk Critical (0.05) Value | 0.941						
173	Approximate Shapiro Wilk P Value | 7.8570E-4						
174	Lilliefors Test Statistic | 0.154						
175	Lilliefors Critical (0.05) Value | 0.137						
176	**Data not Normal at (0.05) Significance Level**						
177							
178	**Gamma GOF Test Results**						
179							
180	Correlation Coefficient R | 0.976						
181	A-D Test Statistic | 0.859						
182	A-D Critical (0.05) Value | 0.75						
183	K-S Test Statistic | 0.124						
184	K-S Critical(0.05) Value | 0.138						
185	**Data follow Appr. Gamma Distribution at (0.05) Significance Level**						

	A	B	C	D	E	F	G	H	I	J	K	L
186												
187	**Lognormal GOF Test Results**											
188												
189	Correlation Coefficient R					0.977						
190	Shapiro Wilk Test Statistic					0.929						
191	Shapiro Wilk Critical (0.05) Value					0.941						
192	Approximate Shapiro Wilk P Value					0.0167						
193	Lilliefors Test Statistic					0.112						
194	Lilliefors Critical (0.05) Value					0.137						
195	**Data appear Approximate_Lognormal at (0.05) Significance Level**											

	Ordinary Least Squares Linear Regression Output Sheet
User Selected Options	
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Display Regresion Diagnostics	False
Display Regresion Tables	True
Title For Y vs X Plots	Classical Regression
onfidence Level for Regression Line	0.95
Display Confidence Band	True
Display Prediction Band	True

Dependendant Variable (Y-Data)	Chloride
Number Reported (Y values)	40
Independent Variable (x-data)	Date_Chloride
Number Reported (x-values)	40

Regression Estimates and Inference Table

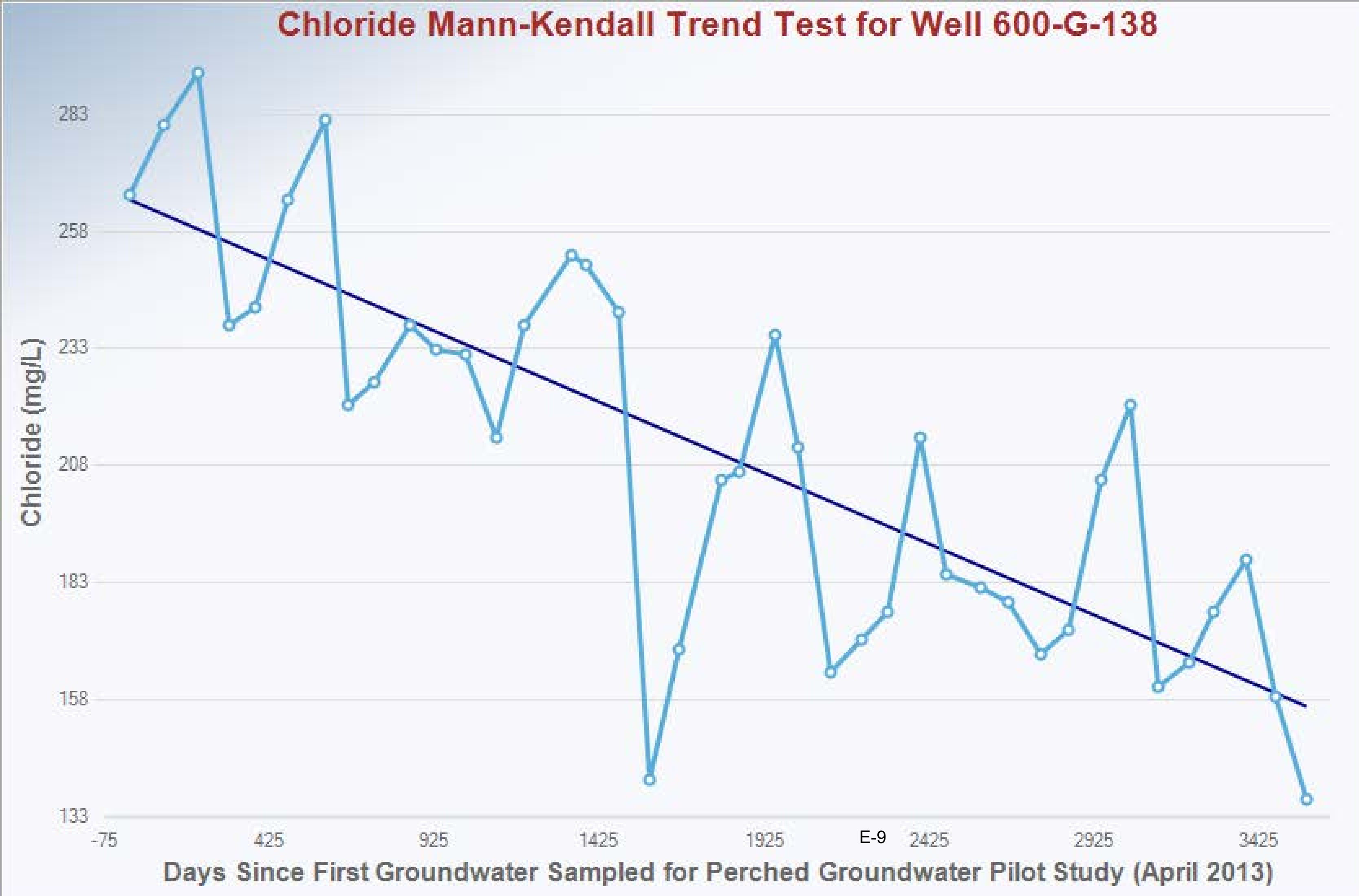
Parameter	Estimates	Std. Error	T-values	p-values
intercept	264.9	7.739	34.22	3.665E-30
Date_Chlorid	-0.0303	0.00371	-8.17	6.835E-10

OLS ANOVA Table

Source of Variation	SS	DOF	MS	F-Value	P-Value
Regression	40633	1	40633	66.74	0.0000
Error	23135	38	608.8		
Total	63768	39			

R Square	0.637
Adjusted R Square	0.628
Sqrt(MSE) = Scale	24.67

	A	B	C	D	E	F	G	H	I	J	K	L
37	Regression Table											
38	Obs	Y Vector	Yhat	Residuals	Res/Scale							
39	1	266	264.9	1.147	0.0465							
40	2	281	261.8	19.24	0.78							
41	3	292	258.5	33.48	1.357							
42	4	238	255.8	-17.79	-0.721							
43	5	242	253.3	-11.3	-0.458							
44	6	265	250.3	14.73	0.597							
45	7	282	246.8	35.15	1.425							
46	8	221	244.8	-23.76	-0.963							
47	9	226	242.4	-16.39	-0.664							
48	10	238	239.1	-1.058	-0.0429							
49	11	233	236.7	-3.664	-0.148							
50	12	232	233.9	-1.936	-0.0784							
51	13	214	231.2	-17.18	-0.696							
52	14	238	228.6	9.369	0.38							
53	15	253	224.2	28.79	1.167							
54	16	251	222.9	28.1	1.139							
55	17	241	220	21.01	0.851							
56	18	141	217	-76.02	-3.081							
57	19	169	214.4	-45.35	-1.838							
58	20	205	210.4	-5.414	-0.219							
59	21	207	208.8	-1.838	-0.0745							
60	22	236	205.5	30.5	1.236							
61	23	212	203.4	8.618	0.349							
62	24	164	200.5	-36.47	-1.478							
63	25	171	197.6	-26.62	-1.079							
64	26	177	195.1	-18.14	-0.735							
65	27	214	192.1	21.86	0.886							
66	28	185	189.7	-4.743	-0.192							
67	29	182	186.7	-4.681	-0.19							
68	30	179	184.1	-5.074	-0.206							
69	31	168	181.1	-13.07	-0.53							
70	32	173	178.6	-5.588	-0.226							
71	33	205	175.6	29.38	1.191							
72	34	221	172.9	48.14	1.951							
73	35	161	170.3	-9.253	-0.375							
74	36	166	167.5	-1.525	-0.0618							
75	37	177	165.2	11.81	0.479							
76	38	188	162.3	25.75	1.044							
77	39	159	159.5	-0.492	-0.02							
78	40	137	156.7	-19.7	-0.799							
79												



Mann-Kendall Trend Analysis

n	40
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	85.7846
Standardized Value of S	-5.3156
M-K Test Value (S)	-457
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-0.0303
OLS Regression Intercept	264.8525

Statistically significant evidence of a decreasing trend at the specified level of significance.

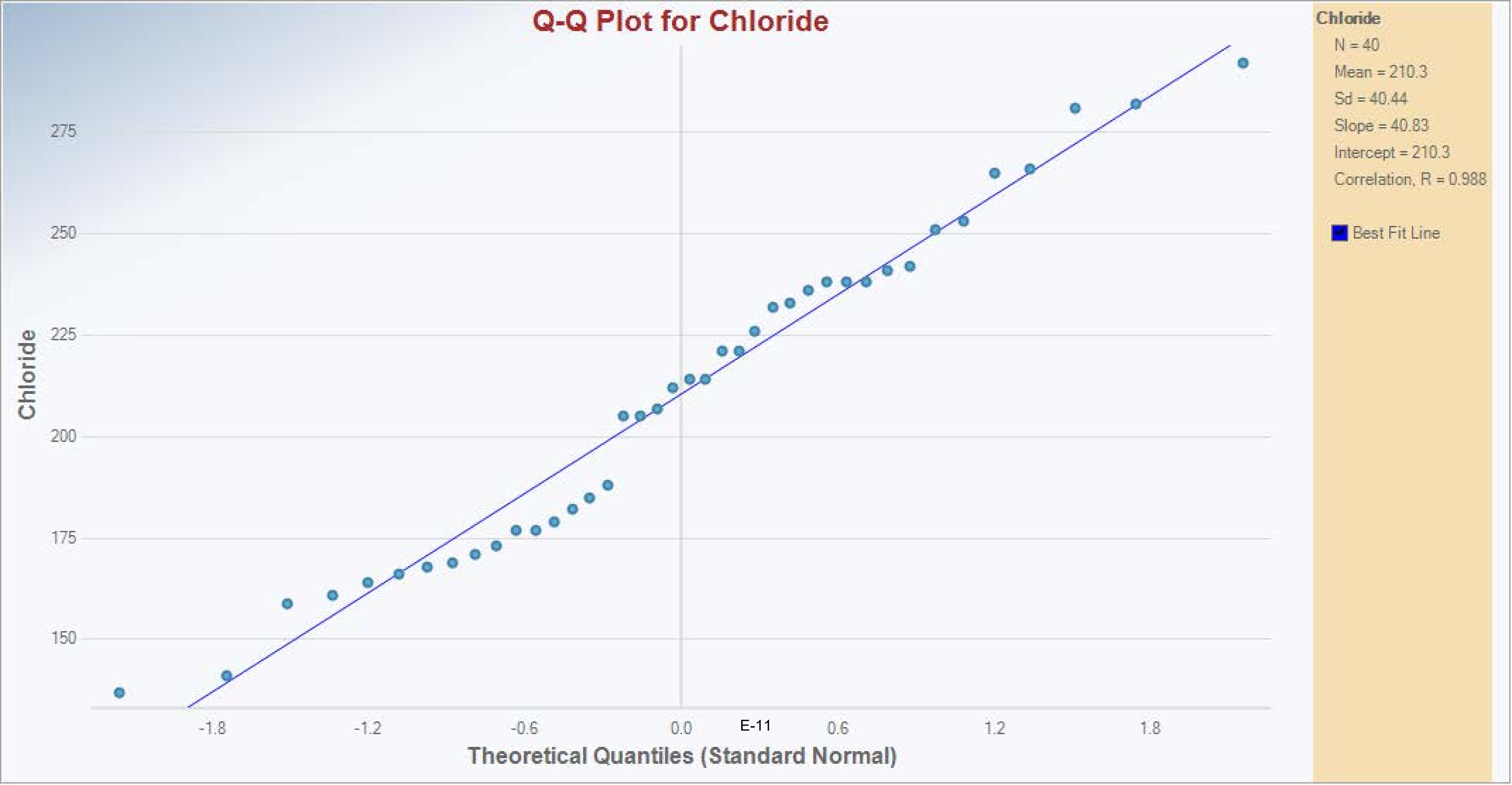
Chloride Classical Regression for Groundwater Well 600-G-138

E-10

OLS	
n	40
Slope	-0.0303
Intercept	264.8525
R-sq	0.6372
R	-0.7982
Scale Estimate	24.6741
P-value (Reg)	0.0000
P-value (Slope)	0.0000
Mann-Kendall	
S	-457.0000
SD of S	85.7846
Standardized S	-5.3156
Approximate p-value	0.0000
Confidence Coefficient	0.9500

Red = Prediction Interval

Green = Confidence Interval


Q-Q Plot for Chloride
Chloride
N = 40
Mean = 210.3
Sd = 40.44
Slope = 40.83
Intercept = 210.3
Correlation, R = 0.988
Best Fit Line
275
250
225
200
175
150
Chloride
-1.8
-1.2
-0.6
0.0
E-11
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)

	Ordinary Least Squares Linear Regression Output Sheet
User Selected Options	
Date/Time of Computation	ProUCL 5.2 4/11/2023 8:56:45 PM
From File	600-G-138_GW_Input.xls
Full Precision	OFF
Display Limits	False
Display Regresion Diagnostics	False
Display Regresion Tables	True
Title For Y vs X Plots	Classical Regression
nfidence Level for Regression Line	0.95
Display Confidence Band	True
Display Prediction Band	True

Dependendant Variable (Y-Data)	Chloroform
Number Reported (Y values)	41
Independent Variable (x-data)	Date_Chloroform
Number Reported (x-values)	41

Regression Estimates and Inference Table

Parameter	Estimates	Std. Error	T-values	p-values
intercept	0.739	0.0484	15.28	4.716E-18
ate_Chlorofo	-7.272E-5	2.3479E-5	-3.097	0.00361

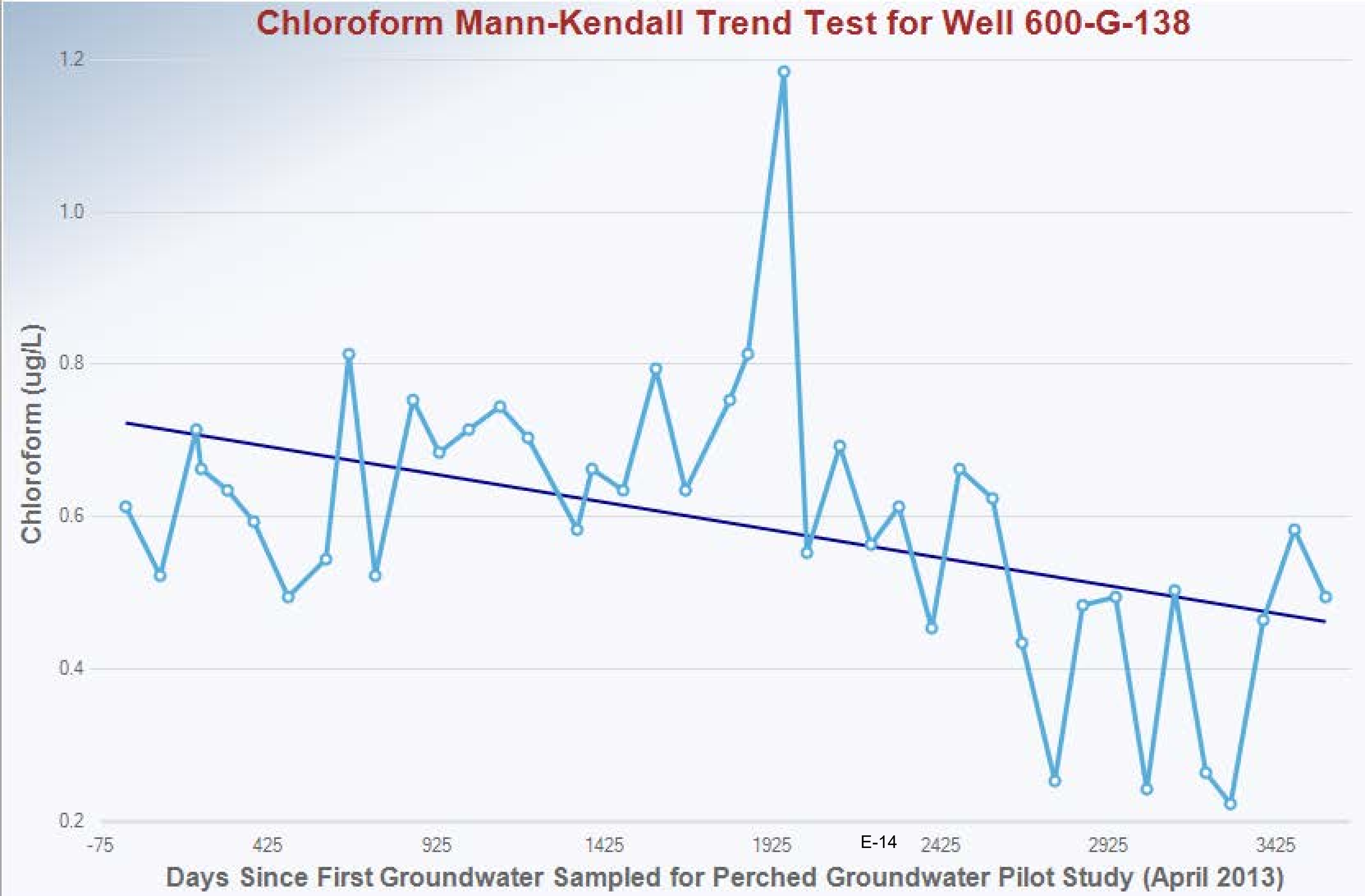
OLS ANOVA Table

Source of Variation	SS	DOF	MS	F-Value	P-Value
Regression	0.247	1	0.247	9.594	0.0036
Error	1.003	39	0.0257		
Total	1.25	40			

R Square	0.197
Adjusted R Square	0.177
Sqrt(MSE) = Scale	0.16

Regression Table

Obs	Y Vector	Yhat	Residuals	Res/Scale
1	0.63	0.739	-0.109	-0.681
2	0.54	0.732	-0.192	-1.196
3	0.73	0.724	0.00602	0.0375
4	0.68	0.723	-0.043	-0.268
5	0.65	0.717	-0.0674	-0.42
6	0.61	0.711	-0.101	-0.633
7	0.51	0.704	-0.194	-1.211
8	0.56	0.696	-0.136	-0.848
9	0.83	0.691	0.139	0.867
10	0.54	0.685	-0.145	-0.906
11	0.77	0.677	0.0927	0.578
12	0.7	0.672	0.0285	0.177
13	0.73	0.665	0.065	0.405
14	0.76	0.658	0.102	0.634
15	0.72	0.652	0.0677	0.422
16	0.6	0.642	-0.0417	-0.26
17	0.68	0.639	0.0415	0.259
18	0.65	0.632	0.0185	0.115
19	0.81	0.624	0.186	1.157
20	0.65	0.618	0.032	0.199
21	0.77	0.609	0.161	1.007
22	0.83	0.605	0.225	1.404
23	1.2	0.597	0.603	3.761
24	0.57	0.592	-0.0217	-0.135
25	0.71	0.585	0.125	0.781
26	0.58	0.578	0.00212	0.0132
27	0.63	0.572	0.0581	0.362
28	0.47	0.565	-0.0947	-0.591
29	0.68	0.559	0.121	0.755
30	0.64	0.552	0.0884	0.551
31	0.45	0.545	-0.0954	-0.595
32	0.27	0.538	-0.268	-1.672
33	0.5	0.532	-0.0322	-0.201
34	0.51	0.525	-0.0151	-0.094
35	0.26	0.518	-0.258	-1.612
36	0.52	0.512	0.00779	0.0486
37	0.28	0.506	-0.226	-1.407
38	0.24	0.5	-0.26	-1.622
39	0.48	0.493	-0.013	-0.0811
40	0.6	0.486	0.114	0.708
41	0.51	0.48	0.0303	0.189



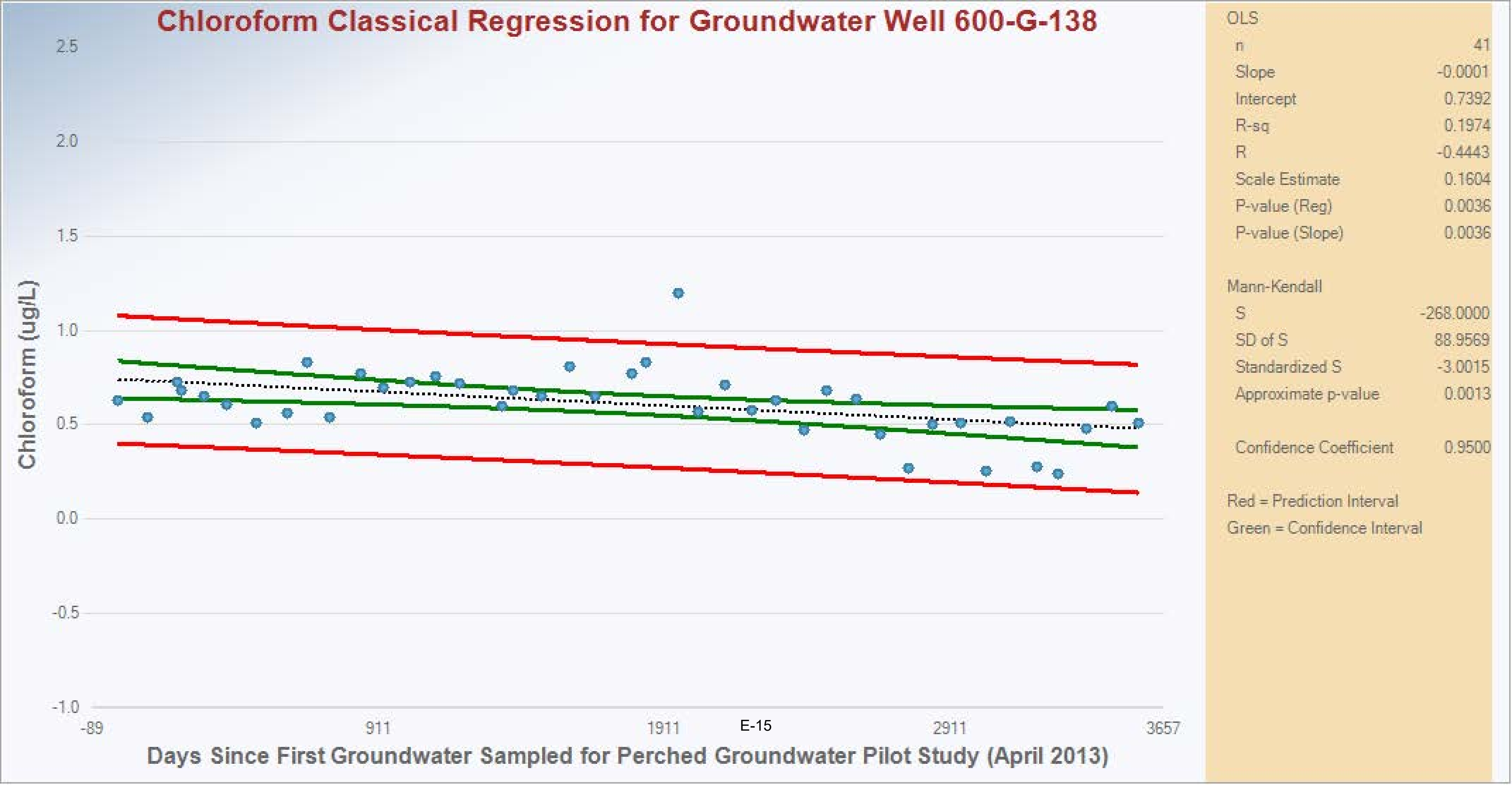
Mann-Kendall Trend Analysis

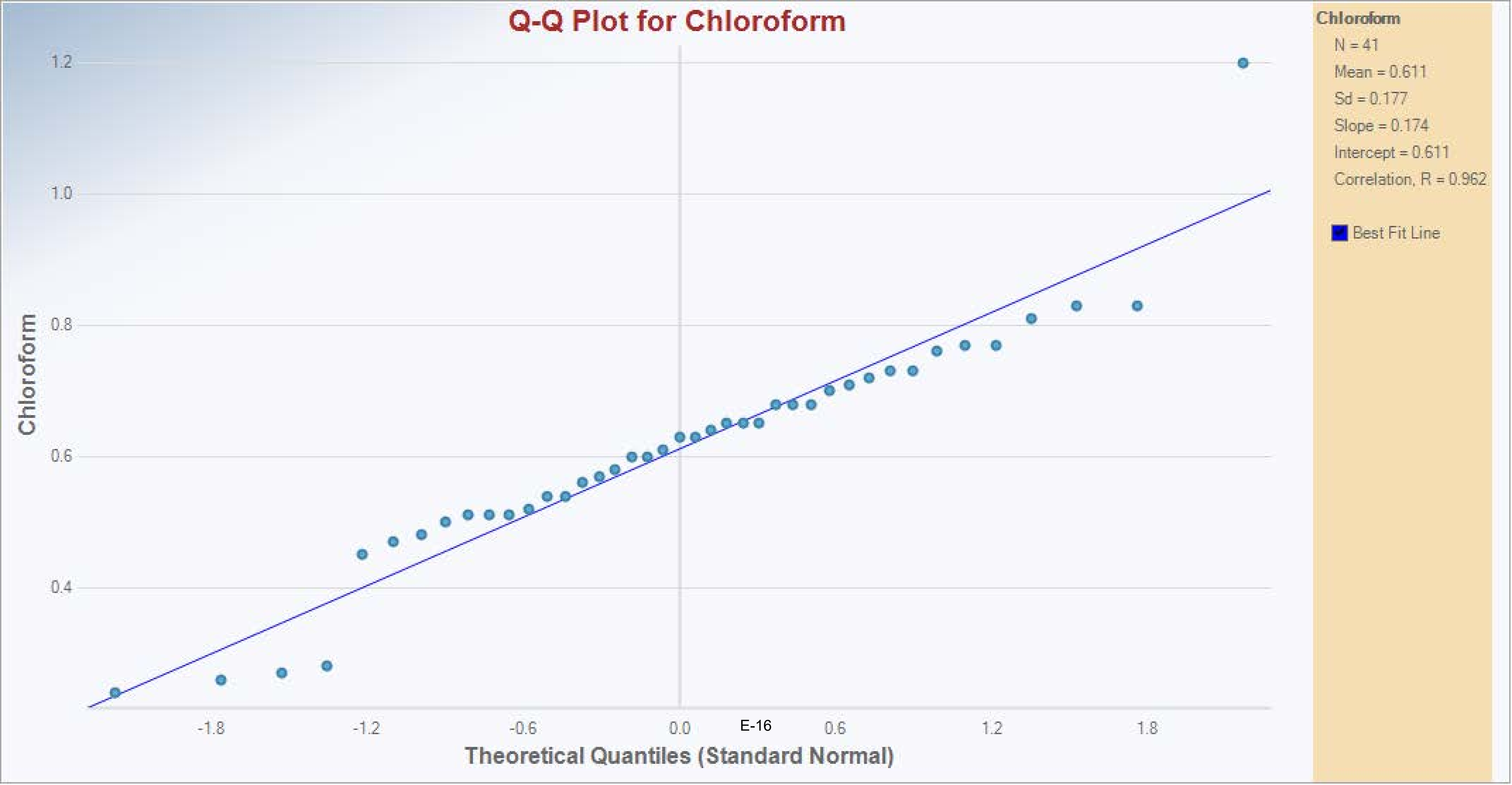
n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.9569
Standardized Value of S	-3.0015
M-K Test Value (S)	-268
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0013

OLS Regression Line (Blue)

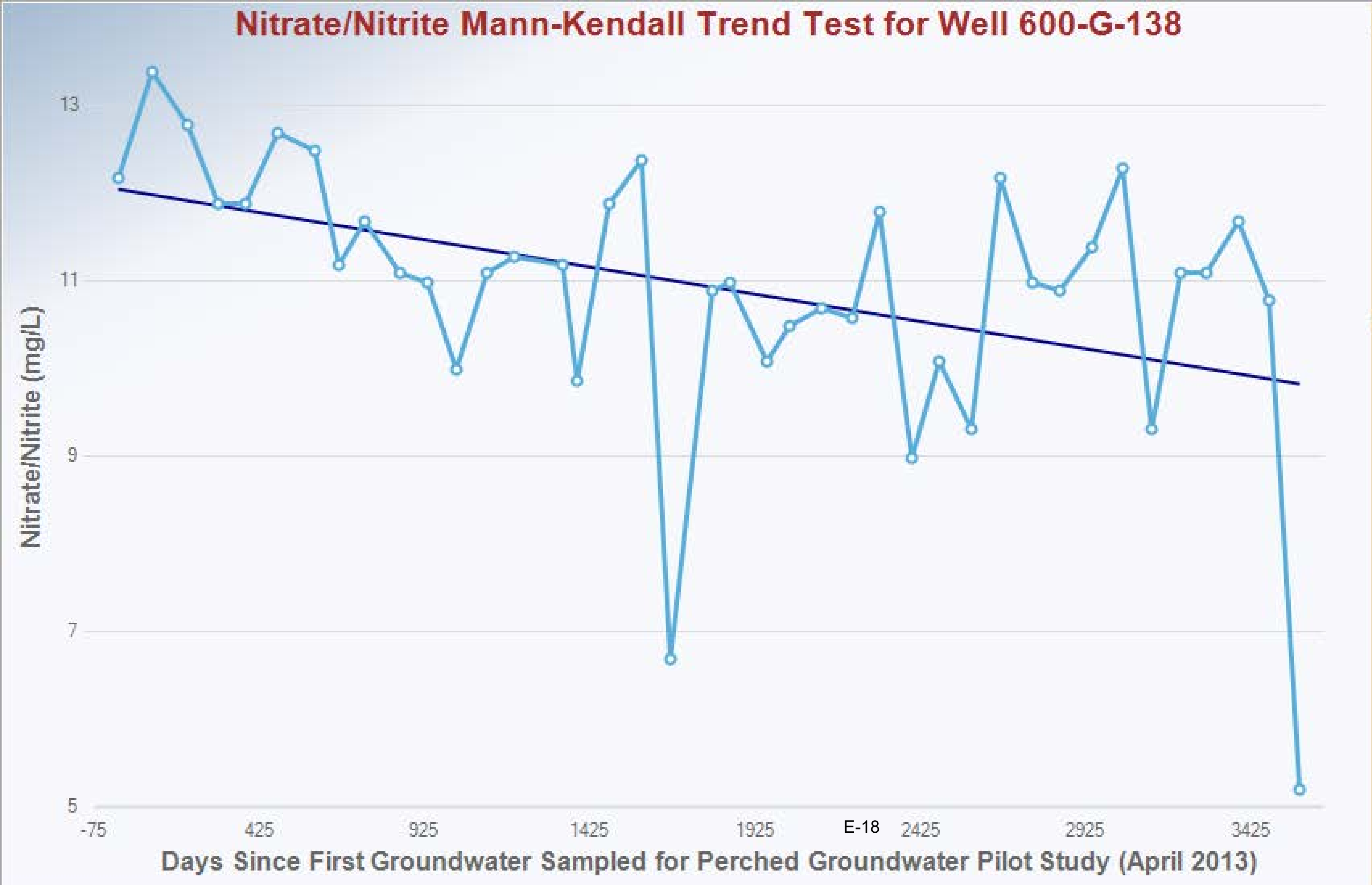
OLS Regression Slope	-0.0001
OLS Regression Intercept	0.7392

Statistically significant evidence of a decreasing trend at the specified level of significance.


Chloroform Classical Regression for Groundwater Well 600-G-138
Chloroform (ug/L)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-89
911
1911
2911
3657
Days Since First Groundwater Sampled for Perched Groundwater Pilot Study (April 2013)
OLS
n 41
Slope -0.0001
Intercept 0.7392
R-sq 0.1974
R -0.4443
Scale Estimate 0.1604
P-value (Reg) 0.0036
P-value (Slope) 0.0036
Mann-Kendall
S -268.0000
SD of S 88.9569
Standardized S -3.0015
Approximate p-value 0.0013
Confidence Coefficient 0.9500
Red = Prediction Interval
Green = Confidence Interval


Q-Q Plot for Chloroform
Chloroform
N = 41
Mean = 0.611
Sd = 0.177
Slope = 0.174
Intercept = 0.611
Correlation, R = 0.962
Best Fit Line
1.2
1.0
0.8
0.6
0.4
Chloroform
-1.8
-1.2
-0.6
0.0
E-16
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)

	Mann-Kendall Trend Test Analysis	
User Selected Options		
Date/Time of Computation	ProUCL 5.2 4/11/2023 9:06:20 PM	
From File	600-G-138_GW_Input.xls	
Full Precision	OFF	
Confidence Coefficient	0.95	
Level of Significance	0.05	
NO2NO3		
General Statistics		
Number of Events Reported (m)		40
Number of Missing Events		0
Number or Reported Events Used		40
Number Values Reported (n)		40
Minimum		5.32
Maximum		13.5
Mean		11.05
Geometric Mean		10.92
Median		11.2
Standard Deviation		1.526
Coefficient of Variation		0.138
Mann-Kendall Test		
M-K Test Value (S)		-260
Critical Value (0.05)		-1.645
Standard Deviation of S		85.75
Standardized Value of S		-3.02
Approximate p-value		0.00126
Statistically significant evidence of a decreasing		
trend at the specified level of significance.		



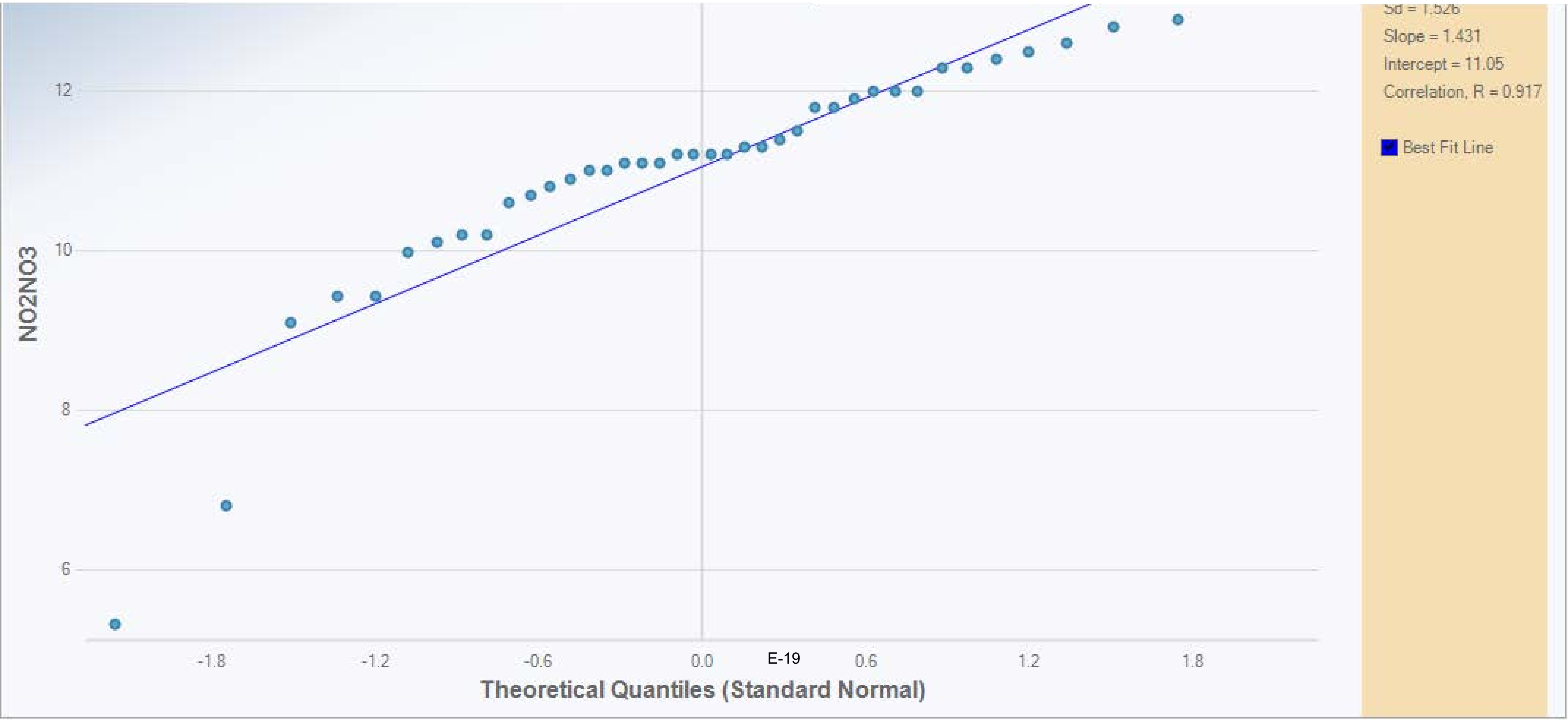
Mann-Kendall Trend Analysis

n	40
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	85.7516
Standardized Value of S	-3.0204
M-K Test Value (S)	-260
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0013

OLS Regression Line (Blue)

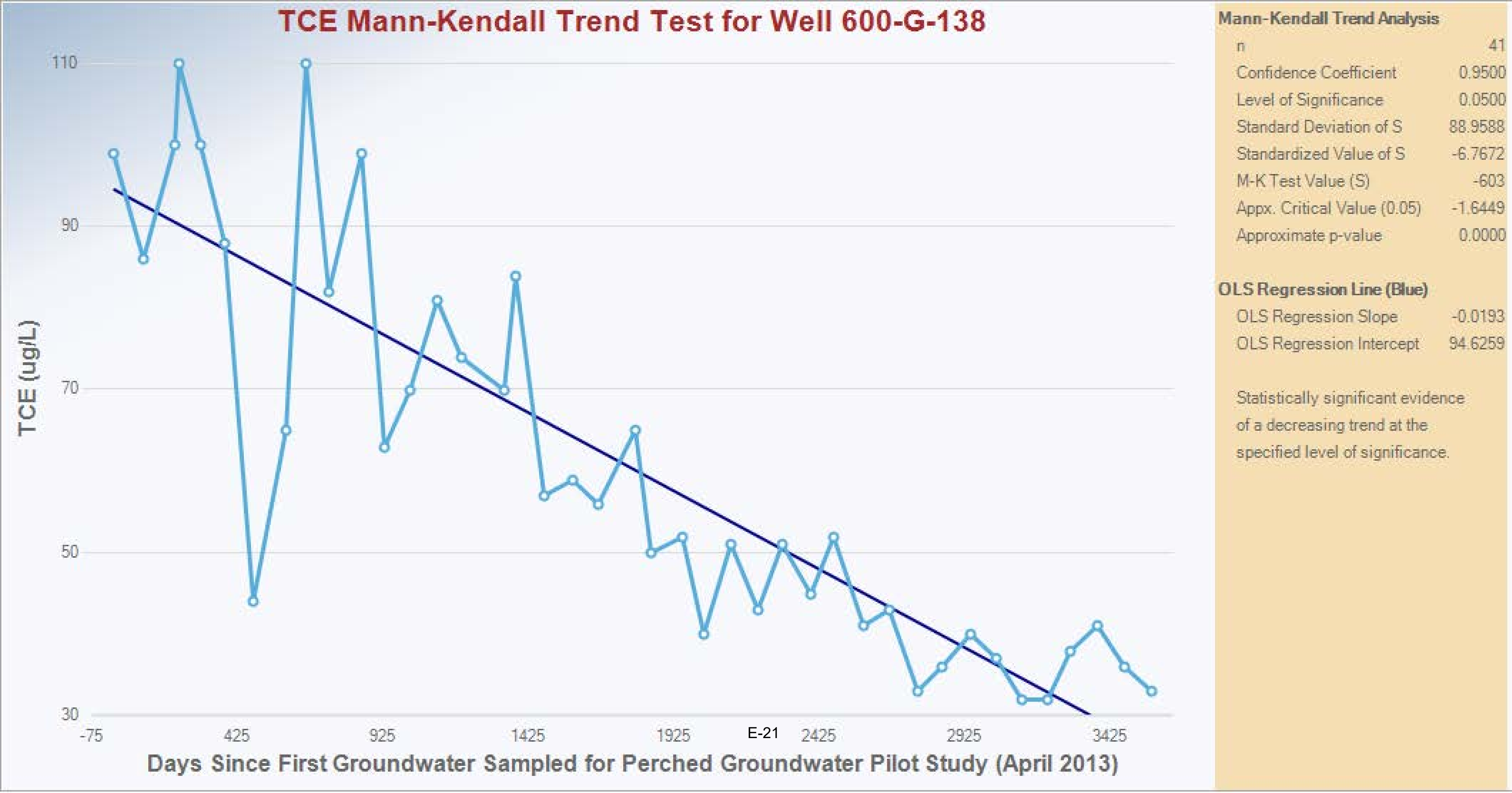
OLS Regression Slope	-0.0006
OLS Regression Intercept	12.1715

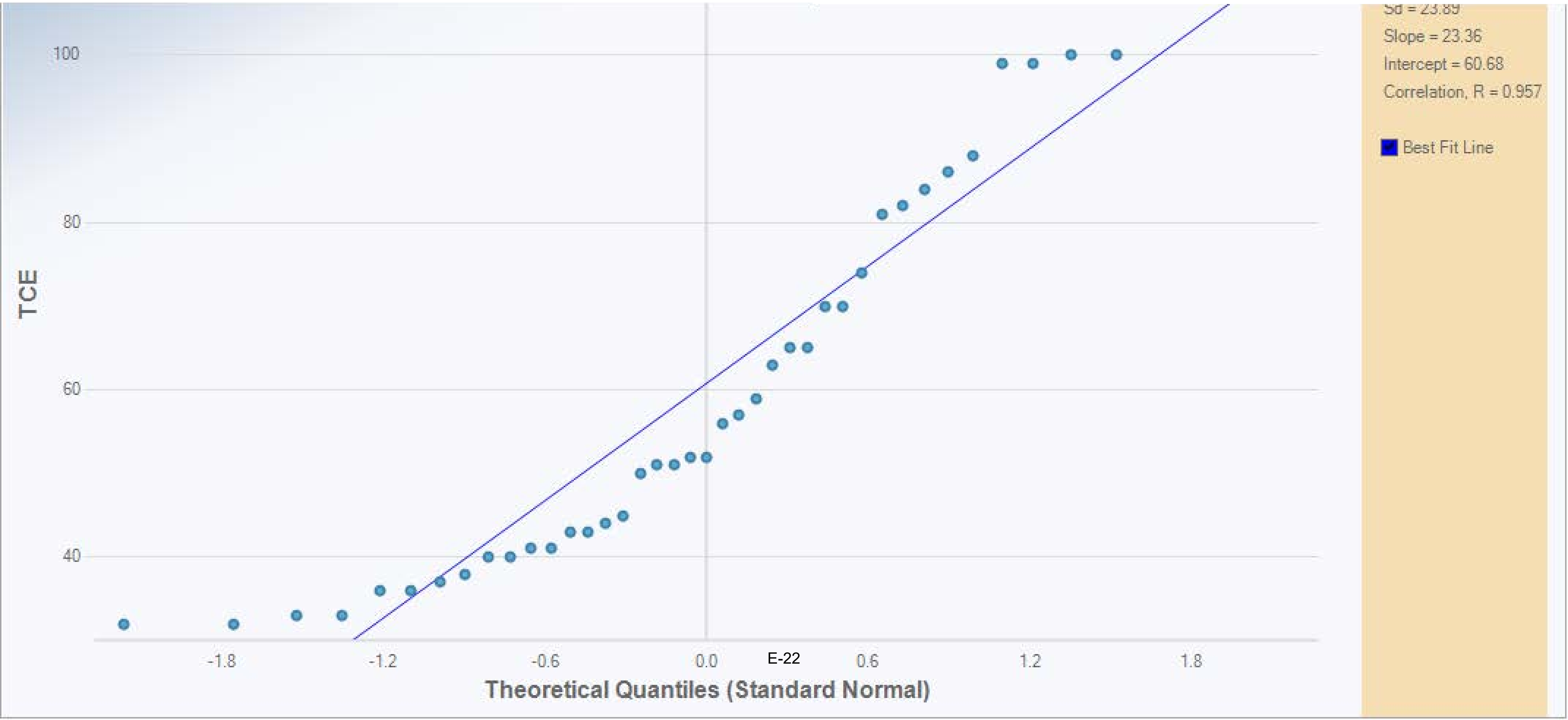
Statistically significant evidence of a decreasing trend at the specified level of significance.



Sd = 1.526
Slope = 1.431
Intercept = 11.05
Correlation, R = 0.917
Best Fit Line
NO2NO3
12
10
8
6
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)

	Mann-Kendall Trend Test Analysis	
User Selected Options		
Date/Time of Computation	ProUCL 5.2 4/11/2023 9:01:04 PM	
From File	600-G-138_GW_Input.xls	
Full Precision	OFF	
Confidence Coefficient	0.95	
Level of Significance	0.05	
TCE		
General Statistics		
Number of Events Reported (m)	41	
Number of Missing Events	0	
Number or Reported Events Used	41	
Number Values Reported (n)	41	
Minimum	32	
Maximum	110	
Mean	60.68	
Geometric Mean	56.41	
Median	52	
Standard Deviation	23.89	
Coefficient of Variation	0.394	
Mann-Kendall Test		
M-K Test Value (S)	-603	
Critical Value (0.05)	-1.645	
Standard Deviation of S	88.96	
Standardized Value of S	-6.767	
Approximate p-value	6.566E-12	
Statistically significant evidence of a decreasing		
trend at the specified level of significance.		


TCE Mann-Kendall Trend Test for Well 600-G-138
110
90
70
50
30
TCE (ug/L)
-75
425
925
1425
1925
2425
2925
3425
Days Since First Groundwater Sampled for Perched Groundwater Pilot Study (April 2013)
Mann-Kendall Trend Analysis
n 41
Confidence Coefficient 0.9500
Level of Significance 0.0500
Standard Deviation of S 88.9588
Standardized Value of S -6.7672
M-K Test Value (S) -603
Appx. Critical Value (0.05) -1.6449
Approximate p-value 0.0000
OLS Regression Line (Blue)
OLS Regression Slope -0.0193
OLS Regression Intercept 94.6259
Statistically significant evidence
of a decreasing trend at the
specified level of significance.


Sd = 23.89
Slope = 23.36
Intercept = 60.68
Correlation, R = 0.957
Best Fit Line
TCE
100
80
60
40
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)

	A	B	C	D	E	F	G	H	I	J	K	L
1				**Goodness-of-Fit Test Statistics for Uncensored Full Data Sets without Non-Detects**								
2			**User Selected Options**									
3			Date/Time of Computation	ProUCL 5.2 4/12/2023 2:05:27 AM								
4			From File	600-SGW-05_Vapor_Input.xls								
5			Full Precision	OFF								
6			Confidence Coefficient	0.95								
7												
8												
9	**Chloroform_7.5_M-K**											
10												
11				**Raw Statistics**								
12					Number of Valid Observations	43						
13					Number of Distinct Observations	26						
14					Minimum	0.27						
15					Maximum	5.4						
16					Mean of Raw Data	1.768						
17					Standard Deviation of Raw Data	1.356						
18					Khat	1.555						
19					Theta hat	1.137						
20					Kstar	1.462						
21					Theta star	1.209						
22					Mean of Log Transformed Data	0.215						
23					Standard Deviation of Log Transformed Data	0.935						
24												
25				**Normal GOF Test Results**								
26												
27					Correlation Coefficient R	0.948						
28					Shapiro Wilk Test Statistic	0.888						
29					Shapiro Wilk Critical (0.05) Value	0.943						
30					Approximate Shapiro Wilk P Value	2.8306E-4						
31					Lilliefors Test Statistic	0.148						
32					Lilliefors Critical (0.05) Value	0.134						
33	**Data not Normal at (0.05) Significance Level**											
34												
35				**Gamma GOF Test Results**								
36												
37					Correlation Coefficient R	0.985						
38					A-D Test Statistic	0.839						
39					A-D Critical (0.05) Value	0.766						
40					K-S Test Statistic	0.126						
41					K-S Critical(0.05) Value	0.137						
42	**Data follow Appr. Gamma Distribution at (0.05) Significance Level**											
43												

	A	B	C	D	E	F	G	H	I	J	K	L
44	Lognormal GOF Test Results											
45												
46	Correlation Coefficient R					0.959						
47	Shapiro Wilk Test Statistic					0.898						
48	Shapiro Wilk Critical (0.05) Value					0.943						
49	Approximate Shapiro Wilk P Value					6.7863E-4						
50	Lilliefors Test Statistic					0.18						
51	Lilliefors Critical (0.05) Value					0.134						
52	Data not Lognormal at (0.05) Significance Level											
53												
54	Chloro_52.5											
55												
56	Raw Statistics											
57	Number of Valid Observations					41						
58	Number of Distinct Observations					34						
59	Minimum					11						
60	Maximum					100						
61	Mean of Raw Data					63.63						
62	Standard Deviation of Raw Data					22.27						
63	Khat					5.671						
64	Theta hat					11.22						
65	Kstar					5.273						
66	Theta star					12.07						
67	Mean of Log Transformed Data					4.062						
68	Standard Deviation of Log Transformed Data					0.493						
69												
70	Normal GOF Test Results											
71												
72	Correlation Coefficient R					0.984						
73	Shapiro Wilk Test Statistic					0.957						
74	Shapiro Wilk Critical (0.05) Value					0.941						
75	Approximate Shapiro Wilk P Value					0.171						
76	Lilliefors Test Statistic					0.113						
77	Lilliefors Critical (0.05) Value					0.137						
78	Data appear Normal at (0.05) Significance Level											
79												
80	Gamma GOF Test Results											
81												
82	Correlation Coefficient R					0.941						
83	A-D Test Statistic					1.489						
84	A-D Critical (0.05) Value					0.751						
85	K-S Test Statistic					0.186						
86	K-S Critical(0.05) Value					0.138						
87	Data not Gamma Distributed at (0.05) Significance Level											
88												

Lognormal GOF Test Results	
Correlation Coefficient R	0.898
Shapiro Wilk Test Statistic	0.81
Shapiro Wilk Critical (0.05) Value	0.941
Approximate Shapiro Wilk P Value	1.0405E-6
Lilliefors Test Statistic	0.221
Lilliefors Critical (0.05) Value	0.137
Data not Lognormal at (0.05) Significance Level	
Chloro_102.5	
Raw Statistics	
Number of Valid Observations	41
Number of Distinct Observations	28
Minimum	15
Maximum	120
Mean of Raw Data	77.05
Standard Deviation of Raw Data	19.86
Khat	11.24
Theta hat	6.857
Kstar	10.43
Theta star	7.387
Mean of Log Transformed Data	4.299
Standard Deviation of Log Transformed Data	0.343
Normal GOF Test Results	
Correlation Coefficient R	0.978
Shapiro Wilk Test Statistic	0.968
Shapiro Wilk Critical (0.05) Value	0.941
Approximate Shapiro Wilk P Value	0.407
Lilliefors Test Statistic	0.137
Lilliefors Critical (0.05) Value	0.137
Data appear Approximate Normal at (0.05) Significance Level	
Gamma GOF Test Results	
Correlation Coefficient R	0.958
A-D Test Statistic	1.26
A-D Critical (0.05) Value	0.748
K-S Test Statistic	0.18
K-S Critical(0.05) Value	0.138
Data not Gamma Distributed at (0.05) Significance Level	

	A–E	F	G	H	I	J	K	L
134	**Lognormal GOF Test Results**							
135								
136	Correlation Coefficient R	0.873						
137	Shapiro Wilk Test Statistic	0.795						
138	Shapiro Wilk Critical (0.05) Value	0.941						
139	Approximate Shapiro Wilk P Value	3.4268E-7						
140	Lilliefors Test Statistic	0.195						
141	Lilliefors Critical (0.05) Value	0.137						
142	**Data not Lognormal at (0.05) Significance Level**							
143								
144	**Chloro_137.5**							
145								
146	**Raw Statistics**							
147	Number of Valid Observations	41						
148	Number of Distinct Observations	21						
149	Minimum	0.54						
150	Maximum	200						
151	Mean of Raw Data	40.71						
152	Standard Deviation of Raw Data	52.97						
153	Khat	0.452						
154	Theta hat	90.09						
155	Kstar	0.435						
156	Theta star	93.57						
157	Mean of Log Transformed Data	2.279						
158	Standard Deviation of Log Transformed Data	1.915						
159								
160	**Normal GOF Test Results**							
161								
162	Correlation Coefficient R	0.871						
163	Shapiro Wilk Test Statistic	0.752						
164	Shapiro Wilk Critical (0.05) Value	0.941						
165	Approximate Shapiro Wilk P Value	1.7918E-8						
166	Lilliefors Test Statistic	0.33						
167	Lilliefors Critical (0.05) Value	0.137						
168	**Data not Normal at (0.05) Significance Level**							
169								
170	**Gamma GOF Test Results**							
171								
172	Correlation Coefficient R	0.933						
173	A-D Test Statistic	4.049						
174	A-D Critical (0.05) Value	0.824						
175	K-S Test Statistic	0.323						
176	K-S Critical(0.05) Value	0.147						
177	**Data not Gamma Distributed at (0.05) Significance Level**							
178								

	A–E	F
179	Lognormal GOF Test Results	
180		
181	Correlation Coefficient R	0.902
182	Shapiro Wilk Test Statistic	0.794
183	Shapiro Wilk Critical (0.05) Value	0.941
184	Approximate Shapiro Wilk P Value	3.3648E-7
185	Lilliefors Test Statistic	0.311
186	Lilliefors Critical (0.05) Value	0.137
187	Data not Lognormal at (0.05) Significance Level	
188		
189	Non-parametric GOF Test Results	
190		
191	Data do not follow a discernible distribution at (0.05) Level of Significance	
192		
193	TCE_7.5	
194		
195	Raw Statistics	
196	Number of Valid Observations	43
197	Number of Distinct Observations	40
198	Minimum	2
199	Maximum	170
200	Mean of Raw Data	44.65
201	Standard Deviation of Raw Data	37.27
202	Khat	1.15
203	Theta hat	38.82
204	Kstar	1.085
205	Theta star	41.14
206	Mean of Log Transformed Data	3.305
207	Standard Deviation of Log Transformed Data	1.207
208		
209	Normal GOF Test Results	
210		
211	Correlation Coefficient R	0.932
212	Shapiro Wilk Test Statistic	0.872
213	Shapiro Wilk Critical (0.05) Value	0.943
214	Approximate Shapiro Wilk P Value	7.1399E-5
215	Lilliefors Test Statistic	0.138
216	Lilliefors Critical (0.05) Value	0.134
217	Data not Normal at (0.05) Significance Level	
218		
219	Gamma GOF Test Results	
220		
221	Correlation Coefficient R	0.979
222	A-D Test Statistic	1.133
223	A-D Critical (0.05) Value	0.774
224	K-S Test Statistic	0.177
225	K-S Critical(0.05) Value	0.138
226	Data not Gamma Distributed at (0.05) Significance Level	
227		

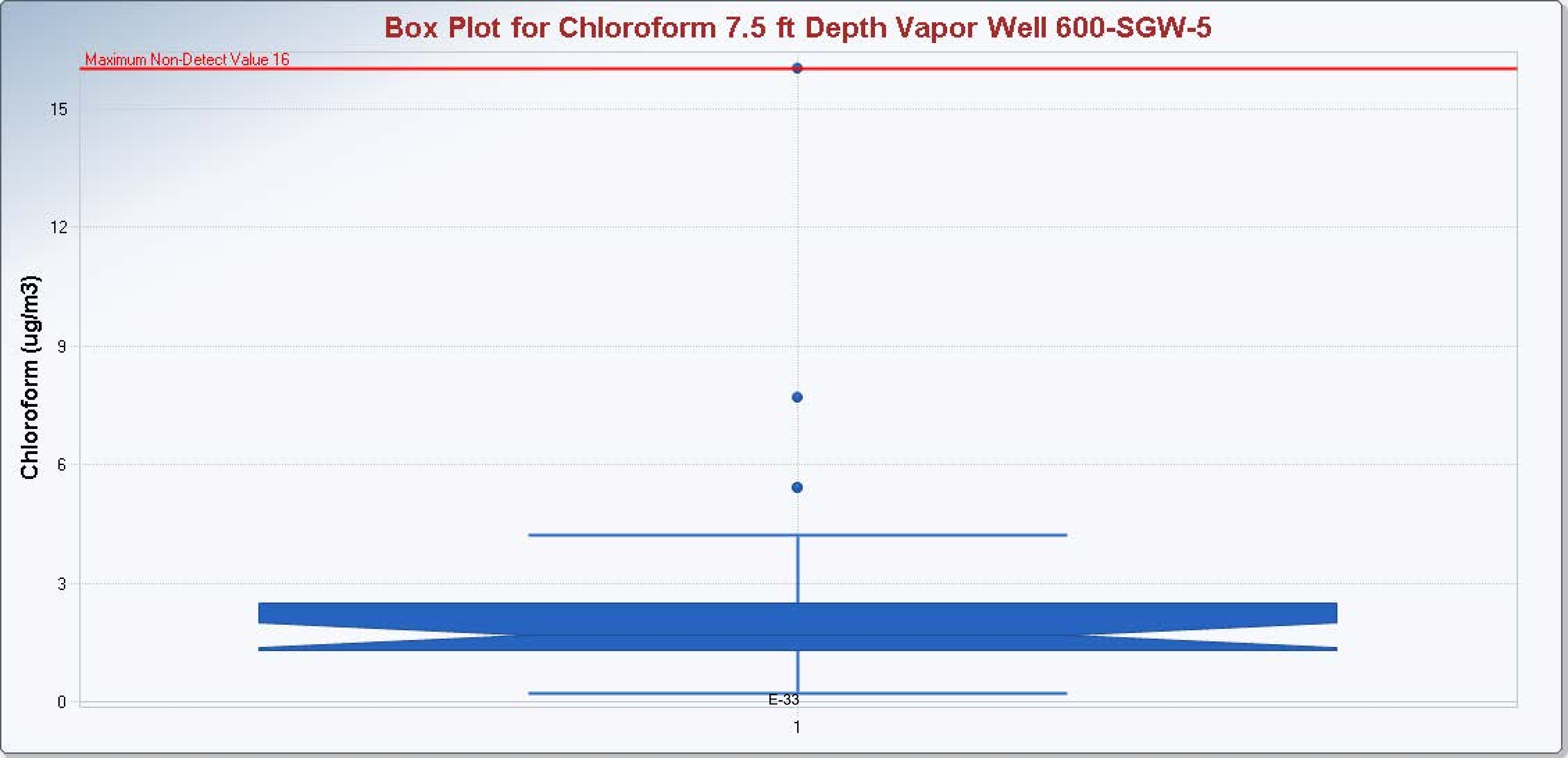
	A	B	C	D	E	F	G	H	I	J	K	L
228	Lognormal GOF Test Results											
229												
230	Correlation Coefficient R					0.942						
231	Shapiro Wilk Test Statistic					0.875						
232	Shapiro Wilk Critical (0.05) Value					0.943						
233	Approximate Shapiro Wilk P Value					9.0889E-5						
234	Lilliefors Test Statistic					0.228						
235	Lilliefors Critical (0.05) Value					0.134						
236	Data not Lognormal at (0.05) Significance Level											
237												
238	Non-parametric GOF Test Results											
239												
240	Data do not follow a discernible distribution at (0.05) Level of Significance											
241												
242	TCE_52.5											
243												
244	Raw Statistics											
245	Number of Valid Observations					41						
246	Number of Distinct Observations					29						
247	Minimum					190						
248	Maximum					2600						
249	Mean of Raw Data					1241						
250	Standard Deviation of Raw Data					579						
251	Khat					4.151						
252	Theta hat					299						
253	Kstar					3.863						
254	Theta star					321.2						
255	Mean of Log Transformed Data					6.998						
256	Standard Deviation of Log Transformed Data					0.548						
257												
258	Normal GOF Test Results											
259												
260	Correlation Coefficient R					0.984						
261	Shapiro Wilk Test Statistic					0.96						
262	Shapiro Wilk Critical (0.05) Value					0.941						
263	Approximate Shapiro Wilk P Value					0.226						
264	Lilliefors Test Statistic					0.108						
265	Lilliefors Critical (0.05) Value					0.137						
266	Data appear Normal at (0.05) Significance Level											
267												
268	Gamma GOF Test Results											
269												
270	Correlation Coefficient R					0.989						
271	A-D Test Statistic					0.268						
272	A-D Critical (0.05) Value					0.752						
273	K-S Test Statistic					0.0752						
274	K-S Critical(0.05) Value					0.138						
275	Data appear Gamma Distributed at (0.05) Significance Level											
276												

	A–E	F	G	H	I	J	K	L
277	Lognormal GOF Test Results							
278								
279	Correlation Coefficient R	0.968						
280	Shapiro Wilk Test Statistic	0.94						
281	Shapiro Wilk Critical (0.05) Value	0.941						
282	Approximate Shapiro Wilk P Value	0.0441						
283	Lilliefors Test Statistic	0.103						
284	Lilliefors Critical (0.05) Value	0.137						
285	Data appear Approximate_Lognormal at (0.05) Significance Level							
286								
287	TCE_102.5							
288								
289	Raw Statistics							
290	Number of Valid Observations	41						
291	Number of Distinct Observations	18						
292	Minimum	330						
293	Maximum	3000						
294	Mean of Raw Data	1543						
295	Standard Deviation of Raw Data	530.5						
296	Khat	7.687						
297	Theta hat	200.8						
298	Kstar	7.141						
299	Theta star	216.1						
300	Mean of Log Transformed Data	7.275						
301	Standard Deviation of Log Transformed Data	0.395						
302								
303	Normal GOF Test Results							
304								
305	Correlation Coefficient R	0.975						
306	Shapiro Wilk Test Statistic	0.96						
307	Shapiro Wilk Critical (0.05) Value	0.941						
308	Approximate Shapiro Wilk P Value	0.22						
309	Lilliefors Test Statistic	0.129						
310	Lilliefors Critical (0.05) Value	0.137						
311	Data appear Normal at (0.05) Significance Level							
312								
313	Gamma GOF Test Results							
314								
315	Correlation Coefficient R	0.98						
316	A-D Test Statistic	0.741						
317	A-D Critical (0.05) Value	0.75						
318	K-S Test Statistic	0.146						
319	K-S Critical(0.05) Value	0.138						
320	Data follow Appr. Gamma Distribution at (0.05) Significance Level							
321								

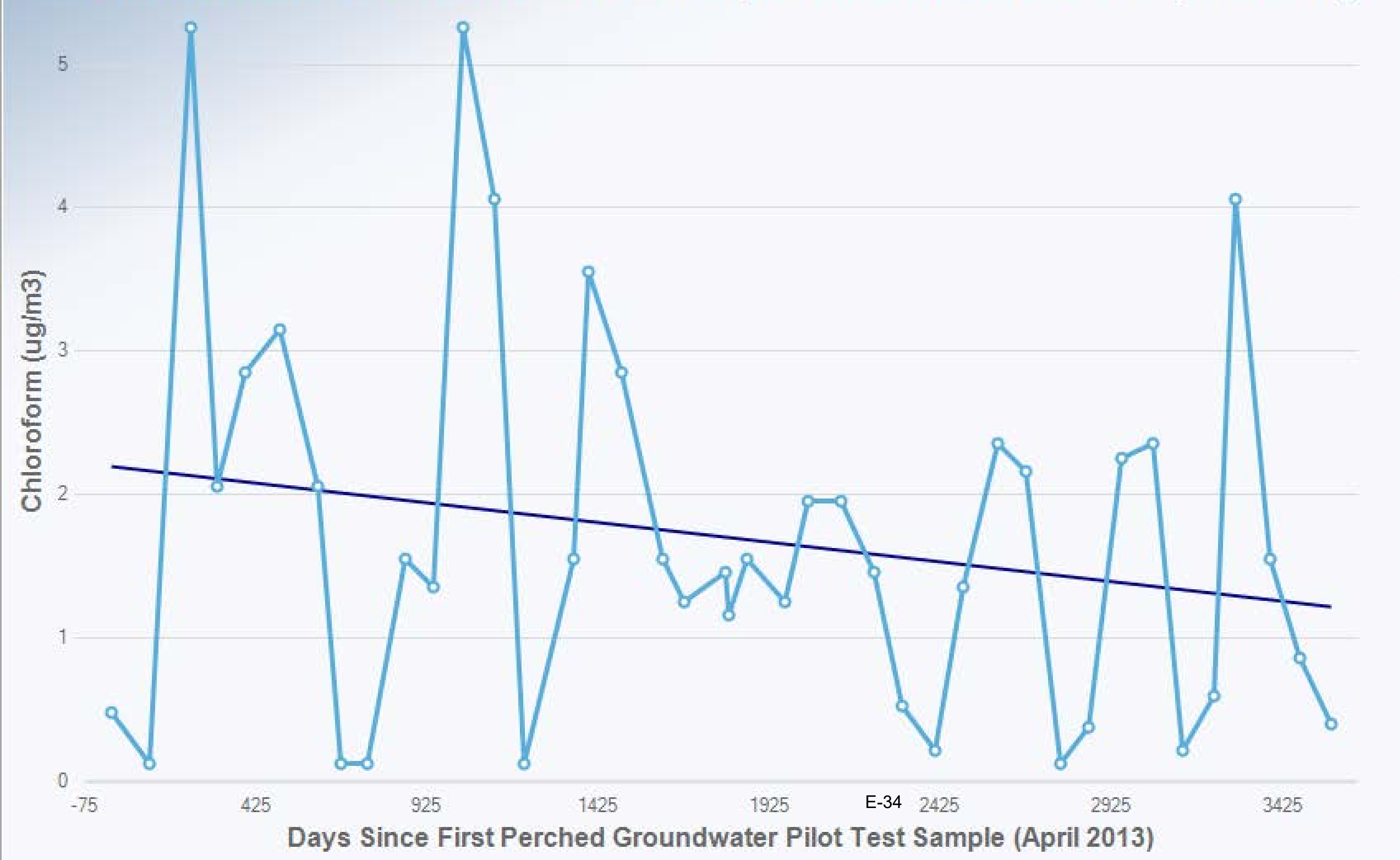
	A–E	F	G	H	I	J	K	L
322	Lognormal GOF Test Results							
323								
324	Correlation Coefficient R	0.944						
325	Shapiro Wilk Test Statistic	0.911						
326	Shapiro Wilk Critical (0.05) Value	0.941						
327	Approximate Shapiro Wilk P Value	0.00343						
328	Lilliefors Test Statistic	0.173						
329	Lilliefors Critical (0.05) Value	0.137						
330	Data not Lognormal at (0.05) Significance Level							
331								
332	TCE_137.5							
333								
334	Raw Statistics							
335	Number of Valid Observations	41						
336	Number of Distinct Observations	20						
337	Minimum	0.55						
338	Maximum	17000						
339	Mean of Raw Data	11187						
340	Standard Deviation of Raw Data	5028						
341	Khat	0.963						
342	Theta hat	11611						
343	Kstar	0.909						
344	Theta star	12303						
345	Mean of Log Transformed Data	8.721						
346	Standard Deviation of Log Transformed Data	2.226						
347								
348	Normal GOF Test Results							
349								
350	Correlation Coefficient R	0.92						
351	Shapiro Wilk Test Statistic	0.831						
352	Shapiro Wilk Critical (0.05) Value	0.941						
353	Approximate Shapiro Wilk P Value	5.0135E-6						
354	Lilliefors Test Statistic	0.249						
355	Lilliefors Critical (0.05) Value	0.137						
356	Data not Normal at (0.05) Significance Level							
357								
358	Gamma GOF Test Results							
359								
360	Correlation Coefficient R	0.698						
361	A-D Test Statistic	7.029						
362	A-D Critical (0.05) Value	0.78						
363	K-S Test Statistic	0.302						
364	K-S Critical(0.05) Value	0.142						
365	Data not Gamma Distributed at (0.05) Significance Level							
366								

	A	B	C	D	E	F	G	H	I	J	K	L
367	**Lognormal GOF Test Results**											
368												
369	Correlation Coefficient R					0.664						
370	Shapiro Wilk Test Statistic					0.46						
371	Shapiro Wilk Critical (0.05) Value					0.941						
372	Approximate Shapiro Wilk P Value					1.110E-15						
373	Lilliefors Test Statistic					0.365						
374	Lilliefors Critical (0.05) Value					0.137						
375	**Data not Lognormal at (0.05) Significance Level**											
376												
377	**Non-parametric GOF Test Results**											
378												
379	**Data do not follow a discernible distribution at (0.05) Level of Significance**											

	A	B	C	D	E	F	G	H	I	J	K	L
1				**Mann-Kendall Trend Test Analysis**								
2	User Selected Options											
3	Date/Time of Computation			ProUCL 5.2 4/12/2023 1:30:27 AM								
4	From File			600-SGW-05_Vapor_Input.xls								
5	Full Precision			OFF								
6	Confidence Coefficient			0.95								
7	Level of Significance			0.05								
8												
9	**Chloroform_7.5_OLS_No_Outlier**											
10												
11	**General Statistics**											
12	Number of Events Reported (m)				41							
13	Number of Missing Events				0							
14	Number or Reported Events Used				41							
15	Number Values Reported (n)				41							
16	Minimum				0.27							
17	Maximum				5.4							
18	Mean				1.841							
19	Geometric Mean				1.335							
20	Median				1.7							
21	Standard Deviation				1.347							
22	Coefficient of Variation				0.732							
23												
24	**Mann-Kendall Test**											
25	M-K Test Value (S)				-94							
26	Critical Value (0.05)				-1.645							
27	Standard Deviation of S				88.84							
28	Standardized Value of S				-1.047							
29	Approximate p-value				0.148							
30												
31	**Insufficient evidence to identify a significant**											
32	**trend at the specified level of significance.**											


Box Plot for Chloroform 7.5 ft Depth Vapor Well 600-SGW-5
Maximum Non-Detect Value 16
Chloroform (ug/m3)
15
12
9
6
3
0
E-33
1

Chloroform Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 7.5 ft (no outliers)



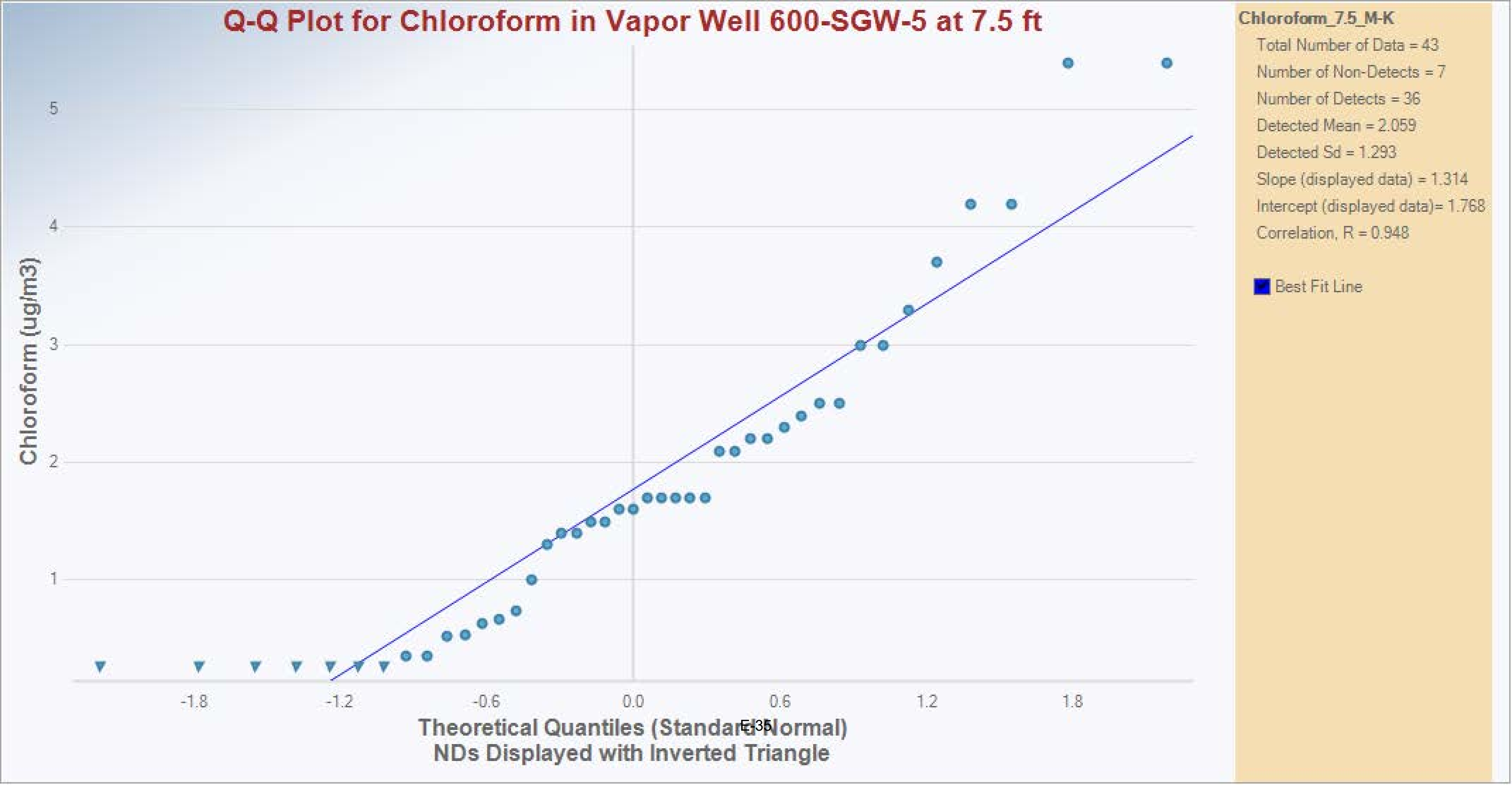
Mann-Kendall Trend Analysis

n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.8444
Standardized Value of S	-1.0468
M-K Test Value (S)	-94
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.1476

OLS Regression Line (Blue)

OLS Regression Slope	-0.0003
OLS Regression Intercept	2.3364

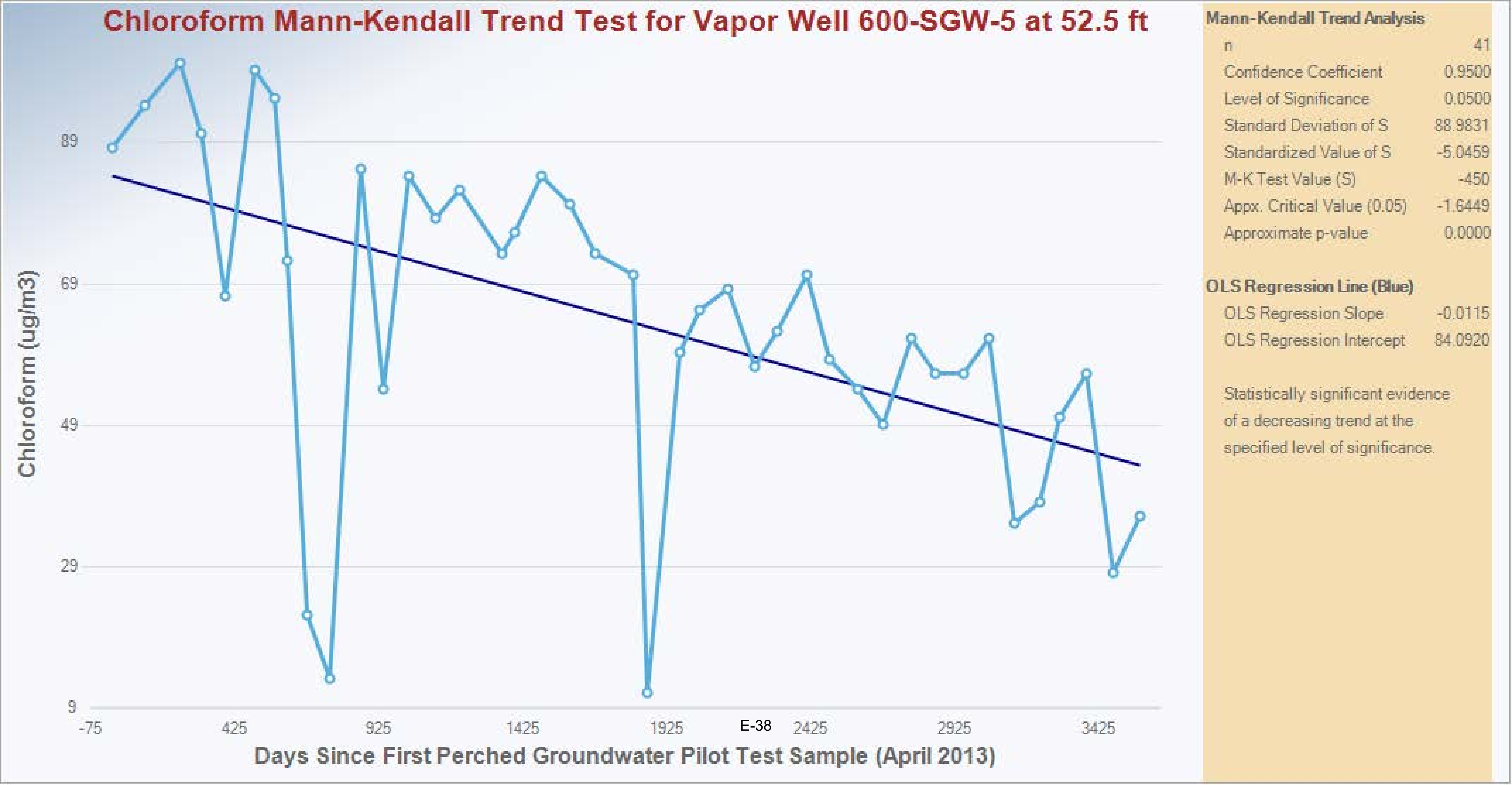
Insufficient statistical evidence of a significant trend at the specified level of significance.

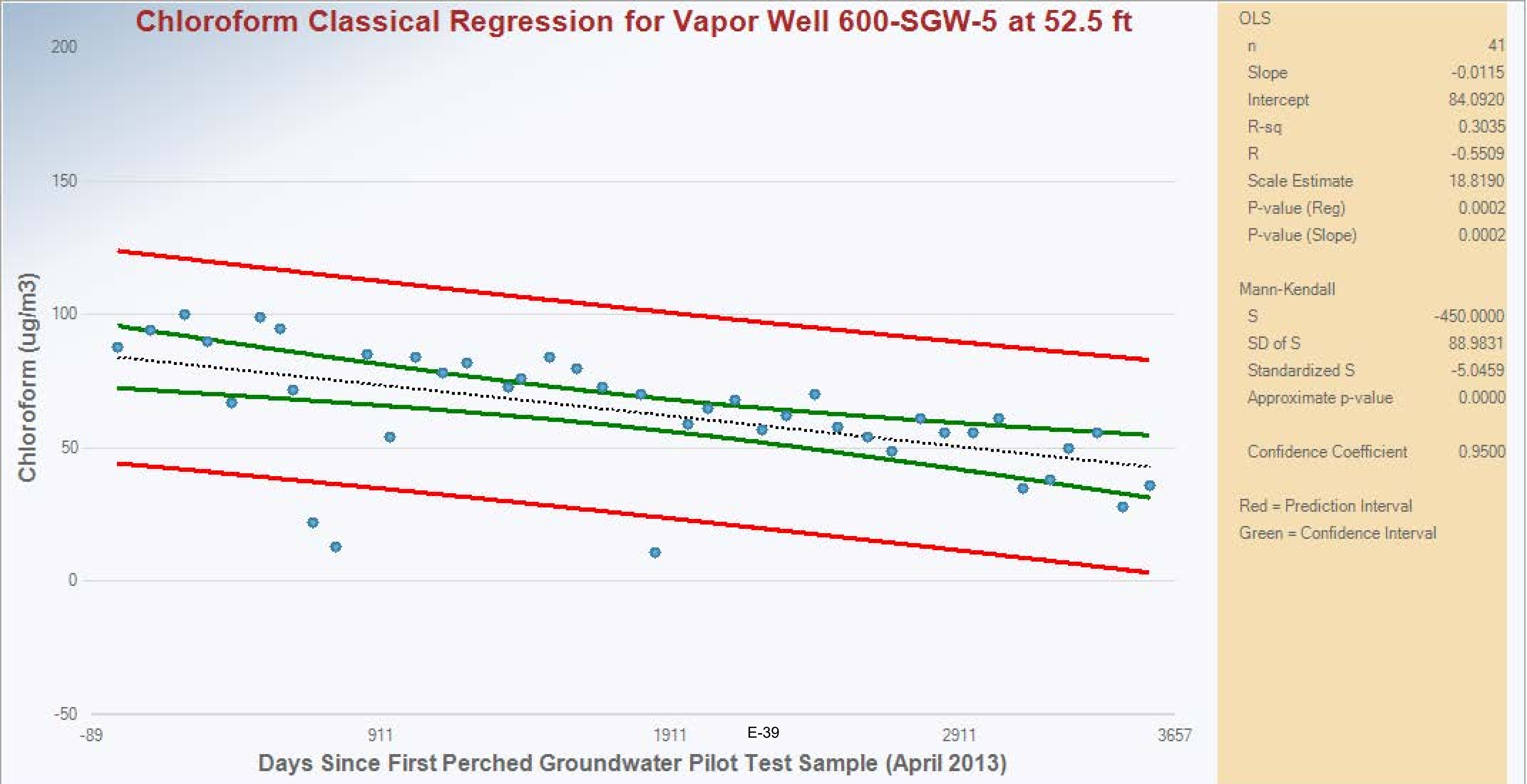


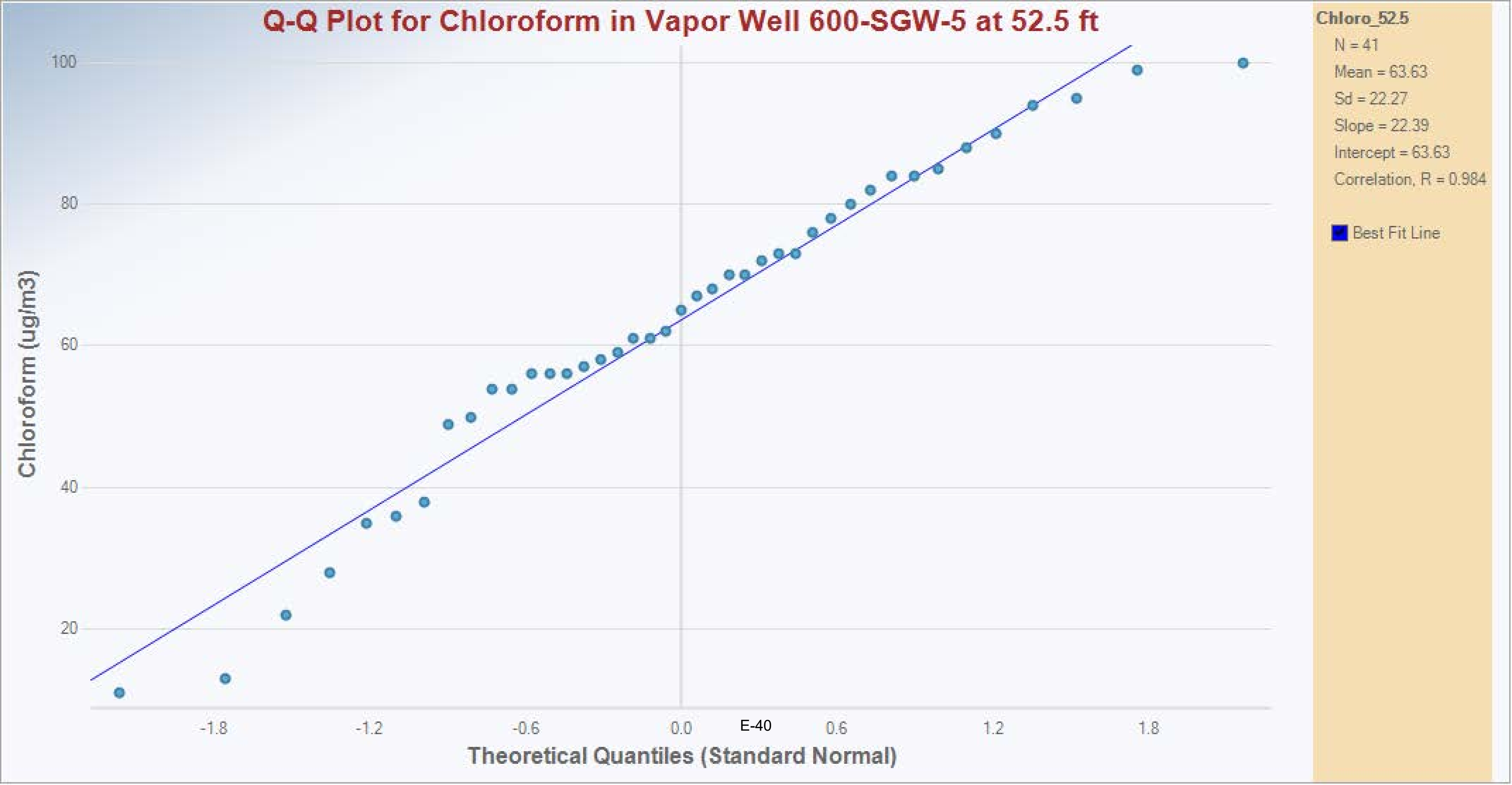
Q-Q Plot for Chloroform in Vapor Well 600-SGW-5 at 7.5 ft
Chloroform (ug/m3)
5
4
3
2
1
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
NDs Displayed with Inverted Triangle
Chloroform_7.5_M-K
Total Number of Data = 43
Number of Non-Detects = 7
Number of Detects = 36
Detected Mean = 2.059
Detected Sd = 1.293
Slope (displayed data) = 1.314
Intercept (displayed data)= 1.768
Correlation, R = 0.948
Best Fit Line

	A	B	C	D	E	F	G	H	I	J	K	L
1				**Ordinary Least Squares Linear Regression Output Sheet**								
2		User Selected Options										
3		Date/Time of Computation		ProUCL 5.2 4/12/2023 12:10:32 AM								
4		From File		600-SGW-05_Vapor_Input.xls								
5		Full Precision		OFF								
6												
7		Display Limits		False								
8		Display Regresion Diagnostics		False								
9		Display Regresion Tables		True								
10		Title For Y vs X Plots		Classical Regression								
11		onfidence Level for Regression Line		0.95								
12		Display Confidence Band		True								
13		Display Prediction Band		True								
14												
15												
16		Dependendant Variable (Y-Data)			Chloro_52.5							
17		Number Reported (Y values)			41							
18		Independent Variable (x-data)			Date_Chloro_52.5							
19		Number Reported (x-values)			41							
20												
21												
22		**Regression Estimates and Inference Table**										
23	Parameter	Estimates	Std. Error	T-values	p-values							
24	intercept	84.09	5.768	14.58	2.248E-17							
25	te_Chloro_5	-0.0115	0.00279	-4.122	1.8979E-4							
26												
27				**OLS ANOVA Table**								
28		**Source of Variation**		**SS**	**DOF**	**MS**	**F-Value**	**P-Value**				
29			**Regression**	6018	1	6018	16.99	0.0002				
30			**Error**	13812	39	354.2						
31			**Total**	19830	40							
32												
33				R Square	0.303							
34				Adjusted R Square	0.286							
35				Sqrt(MSE) = Scale	18.82							
36												

	A	B	C	D	E	F	G	H	I	J	K	L
37	Regression Table											
38	Obs	Y Vector	Yhat	Residuals	Res/Scale							
39	1	88	84.09	3.908	0.208							
40	2	94	82.79	11.21	0.595							
41	3	100	81.42	18.58	0.988							
42	4	90	80.53	9.469	0.503							
43	5	67	79.59	-12.59	-0.669							
44	6	99	78.44	20.56	1.092							
45	7	95	77.62	17.38	0.923							
46	8	72	77.14	-5.142	-0.273							
47	9	22	76.35	-54.35	-2.888							
48	10	13	75.45	-62.45	-3.319							
49	11	85	74.19	10.81	0.574							
50	12	54	73.28	-19.28	-1.025							
51	13	84	72.25	11.75	0.624							
52	14	78	71.2	6.797	0.361							
53	15	82	70.24	11.76	0.625							
54	16	73	68.56	4.439	0.236							
55	17	76	68.07	7.933	0.422							
56	18	84	66.96	17.04	0.905							
57	19	80	65.84	14.16	0.752							
58	20	73	64.83	8.172	0.434							
59	21	70	63.33	6.665	0.354							
60	22	11	62.74	-51.74	-2.749							
61	23	59	61.47	-2.474	-0.131							
62	24	65	60.67	4.33	0.23							
63	25	68	59.57	8.433	0.448							
64	26	57	58.49	-1.487	-0.079							
65	27	62	57.55	4.455	0.237							
66	28	70	56.41	13.59	0.722							
67	29	58	55.5	2.5	0.133							
68	30	54	54.34	-0.34	-0.0181							
69	31	49	53.35	-4.352	-0.231							
70	32	61	52.22	8.785	0.467							
71	33	56	51.27	4.727	0.251							
72	34	56	50.15	5.853	0.311							
73	35	61	49.1	11.9	0.632							
74	36	35	48.11	-13.11	-0.697							
75	37	38	47.08	-9.08	-0.483							
76	38	50	46.32	3.678	0.195							
77	39	56	45.21	10.79	0.573							
78	40	28	44.16	-16.16	-0.859							
79	41	36	43.11	-7.106	-0.378							
80												


Chloroform Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 52.5 ft
Chloroform (ug/m3)
89
69
49
29
9
-75
425
925
1425
1925
2425
2925
3425
Days Since First Perched Groundwater Pilot Test Sample (April 2013)
Mann-Kendall Trend Analysis
n 41
Confidence Coefficient 0.9500
Level of Significance 0.0500
Standard Deviation of S 88.9831
Standardized Value of S -5.0459
M-K Test Value (S) -450
Appx. Critical Value (0.05) -1.6449
Approximate p-value 0.0000
OLS Regression Line (Blue)
OLS Regression Slope -0.0115
OLS Regression Intercept 84.0920
Statistically significant evidence of a decreasing trend at the specified level of significance.

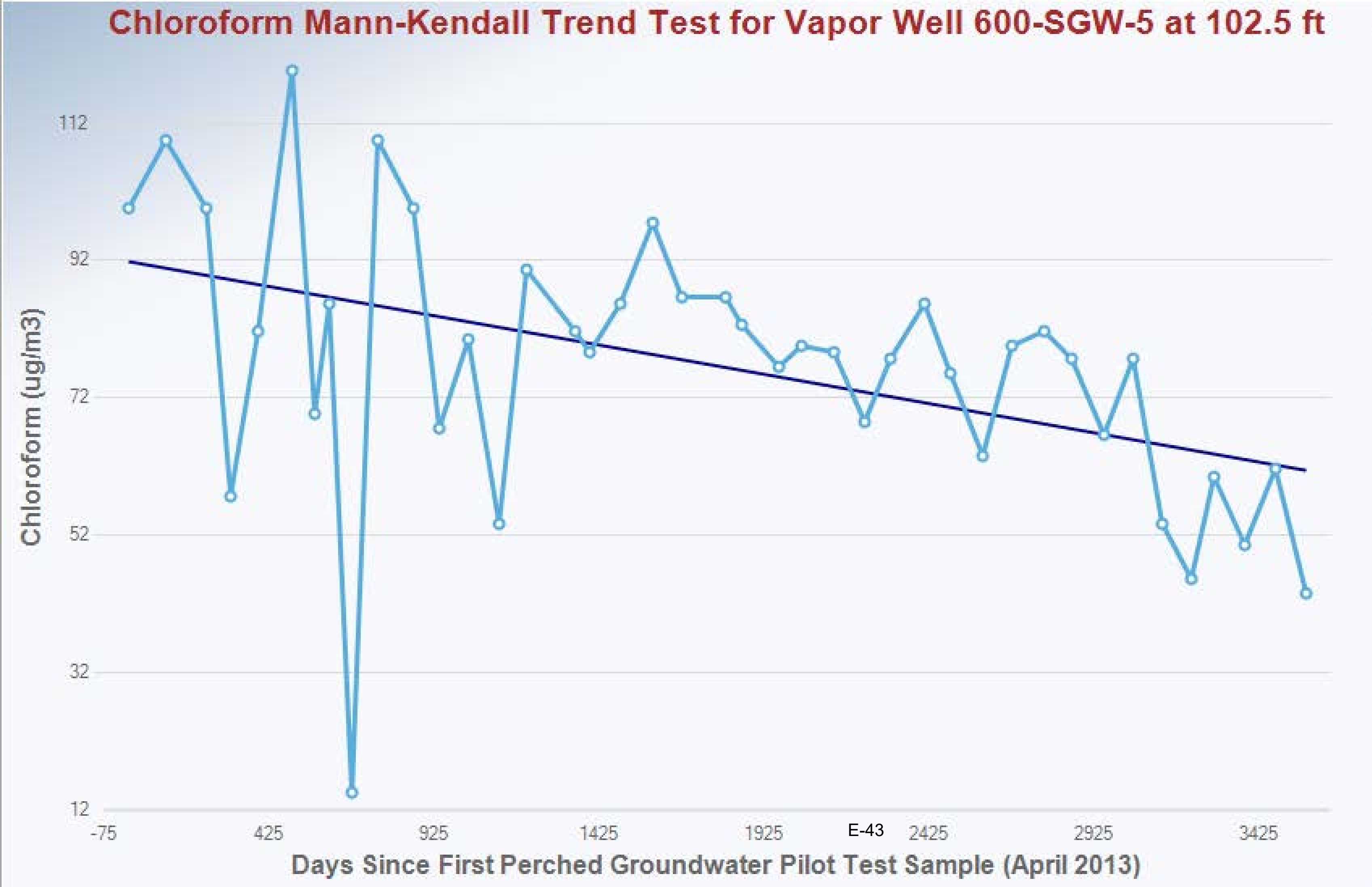

Chloroform Classical Regression for Vapor Well 600-SGW-5 at 52.5 ft
Chloroform (ug/m3)
200
150
100
50
0
-50
-89
911
1911
2911
3657
Days Since First Perched Groundwater Pilot Test Sample (April 2013)
OLS
n 41
Slope -0.0115
Intercept 84.0920
R-sq 0.3035
R -0.5509
Scale Estimate 18.8190
P-value (Reg) 0.0002
P-value (Slope) 0.0002
Mann-Kendall
S -450.0000
SD of S 88.9831
Standardized S -5.0459
Approximate p-value 0.0000
Confidence Coefficient 0.9500
Red = Prediction Interval
Green = Confidence Interval


Q-Q Plot for Chloroform in Vapor Well 600-SGW-5 at 52.5 ft
Chloroform (ug/m3)
100
80
60
40
20
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
Chloro_52.5
N = 41
Mean = 63.63
Sd = 22.27
Slope = 22.39
Intercept = 63.63
Correlation, R = 0.984
Best Fit Line

E-40

	A	B	C	D	E	F	G	H	I	J	K	L
1				**Ordinary Least Squares Linear Regression Output Sheet**								
2		User Selected Options										
3		Date/Time of Computation		ProUCL 5.2 4/12/2023 12:19:28 AM								
4		From File		600-SGW-05_Vapor_Input.xls								
5		Full Precision		OFF								
6												
7		Display Limits		False								
8		Display Regresion Diagnostics		False								
9		Display Regresion Tables		True								
10		Title For Y vs X Plots		Classical Regression								
11		onfidence Level for Regression Line		0.95								
12		Display Confidence Band		True								
13		Display Prediction Band		True								
14												
15												
16		Dependendant Variable (Y-Data)			Chloro_102.5							
17		Number Reported (Y values)			41							
18		Independent Variable (x-data)			Date_Chloro_102.5							
19		Number Reported (x-values)			41							
20												
21												
22		**Regression Estimates and Inference Table**										
23	Parameter	Estimates	Std. Error	T-values	p-values							
24	intercept	92.19	5.485	16.81	1.847E-19							
25	e_Chloro_1(	-0.0085	0.00265	-3.207	0.00268							
26												
27				**OLS ANOVA Table**								
28		**Source of Variation**		**SS**	**DOF**	**MS**	**F-Value**	**P-Value**				
29			**Regression**	3294	1	3294	10.29	0.0027				
30			**Error**	12490	39	320.2						
31			**Total**	15784	40							
32												
33				R Square	0.209							
34				Adjusted R Square	0.188							
35				Sqrt(MSE) = Scale	17.9							
36												

	A	B	C	D	E
37			Regression Table		
38	Obs	Y Vector	Yhat	Residuals	Res/Scale
39	1	100	92.19	7.815	0.437
40	2	110	91.23	18.77	1.049
41	3	100	90.21	9.795	0.547
42	4	58	89.55	-31.55	-1.763
43	5	82	88.85	-6.854	-0.383
44	6	120	88	32	1.788
45	7	70	87.4	-17.4	-0.972
46	8	86	87.04	-1.043	-0.0583
47	9	15	86.46	-71.46	-3.993
48	10	110	85.79	24.21	1.353
49	11	100	84.86	15.14	0.846
50	12	68	84.19	-16.19	-0.905
51	13	81	83.42	-2.423	-0.135
52	14	54	82.65	-28.65	-1.601
53	15	91	81.94	9.065	0.507
54	16	82	80.69	1.306	0.073
55	17	79	80.33	-1.329	-0.0743
56	18	86	79.51	6.487	0.362
57	19	98	78.68	19.32	1.08
58	20	87	77.93	9.068	0.507
59	21	87	76.83	10.17	0.568
60	22	83	76.39	6.615	0.37
61	23	77	75.45	1.55	0.0866
62	24	80	74.86	5.145	0.287
63	25	79	74.04	4.961	0.277
64	26	69	73.24	-4.24	-0.237
65	27	78	72.54	5.456	0.305
66	28	86	71.7	14.3	0.799
67	29	76	71.03	4.969	0.278
68	30	64	70.17	-6.172	-0.345
69	31	80	69.44	10.56	0.59
70	32	82	68.6	13.4	0.749
71	33	78	67.9	10.1	0.564
72	34	67	67.07	-0.0699	-0.00391
73	35	78	66.3	11.7	0.654
74	36	54	65.57	-11.57	-0.646
75	37	46	64.8	-18.8	-1.051
76	38	61	64.24	-3.24	-0.181
77	39	51	63.42	-12.42	-0.694
78	40	62	62.64	-0.642	-0.0359
79	41	44	61.86	-17.86	-0.998
80					



Mann-Kendall Trend Analysis

n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.9213
Standardized Value of S	-4.0485
M-K Test Value (S)	-361
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-0.0085
OLS Regression Intercept	92.1855

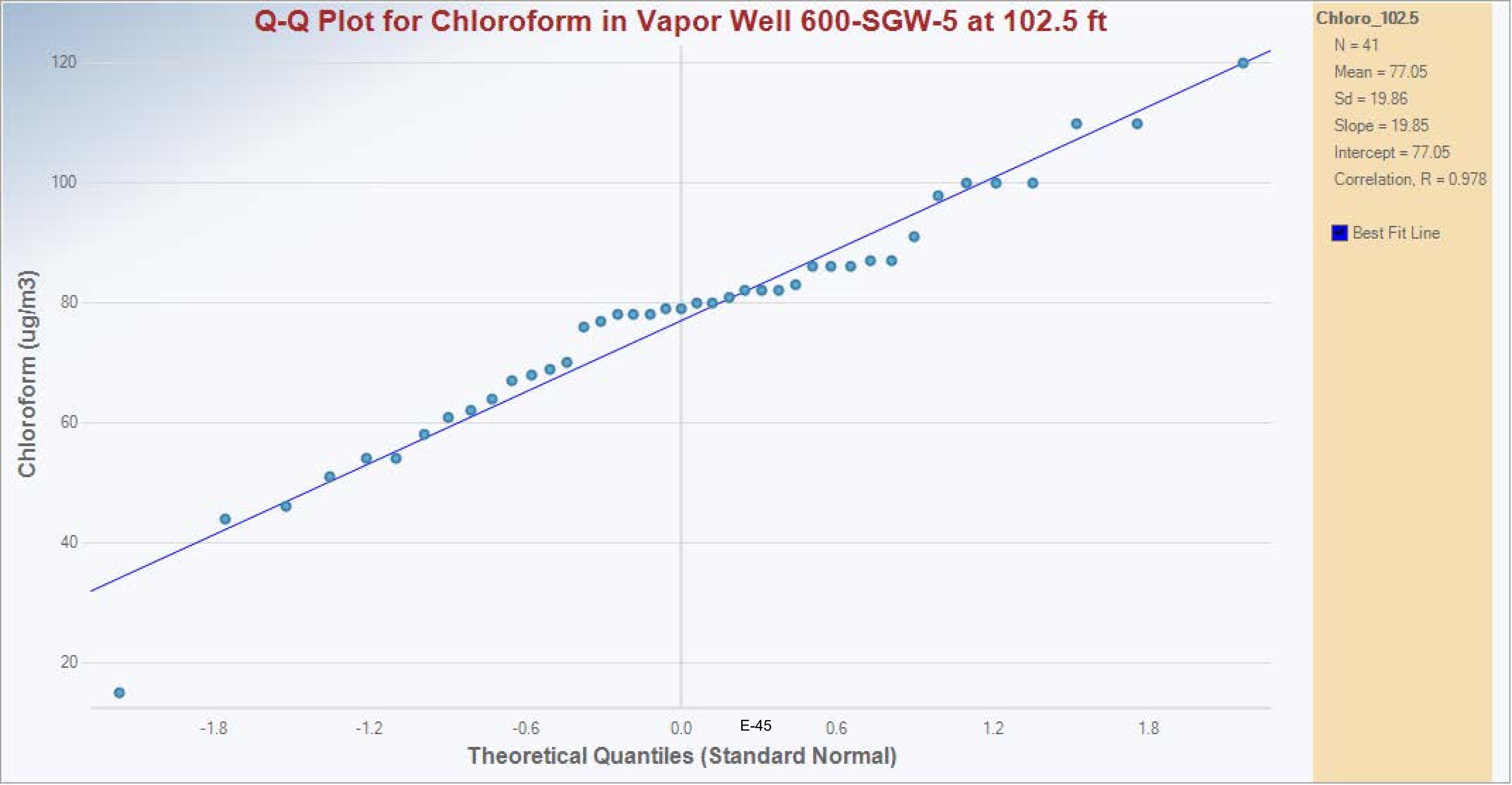
Statistically significant evidence of a decreasing trend at the specified level of significance.

Chloroform Classical Regression for Vapor Well 600-SGW-5 at 102.5 ft

OLS	
n	41
Slope	-0.0085
Intercept	92.1855
R-sq	0.2087
R	-0.4568
Scale Estimate	17.8954
P-value (Reg)	0.0027
P-value (Slope)	0.0027
Mann-Kendall	
S	-361.0000
SD of S	88.9213
Standardized S	-4.0485
Approximate p-value	0.0000
Confidence Coefficient	0.9500

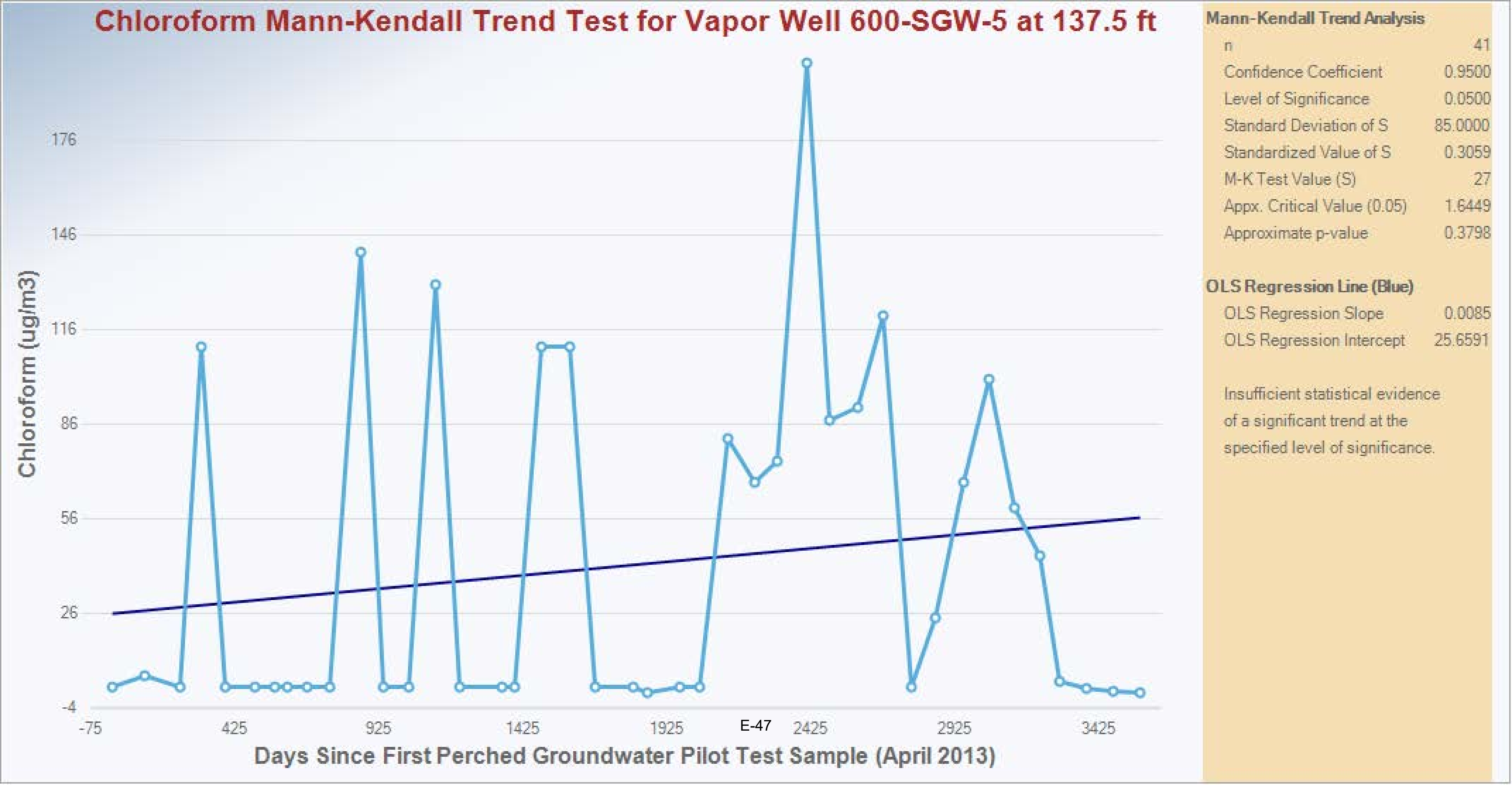
Red = Prediction Interval

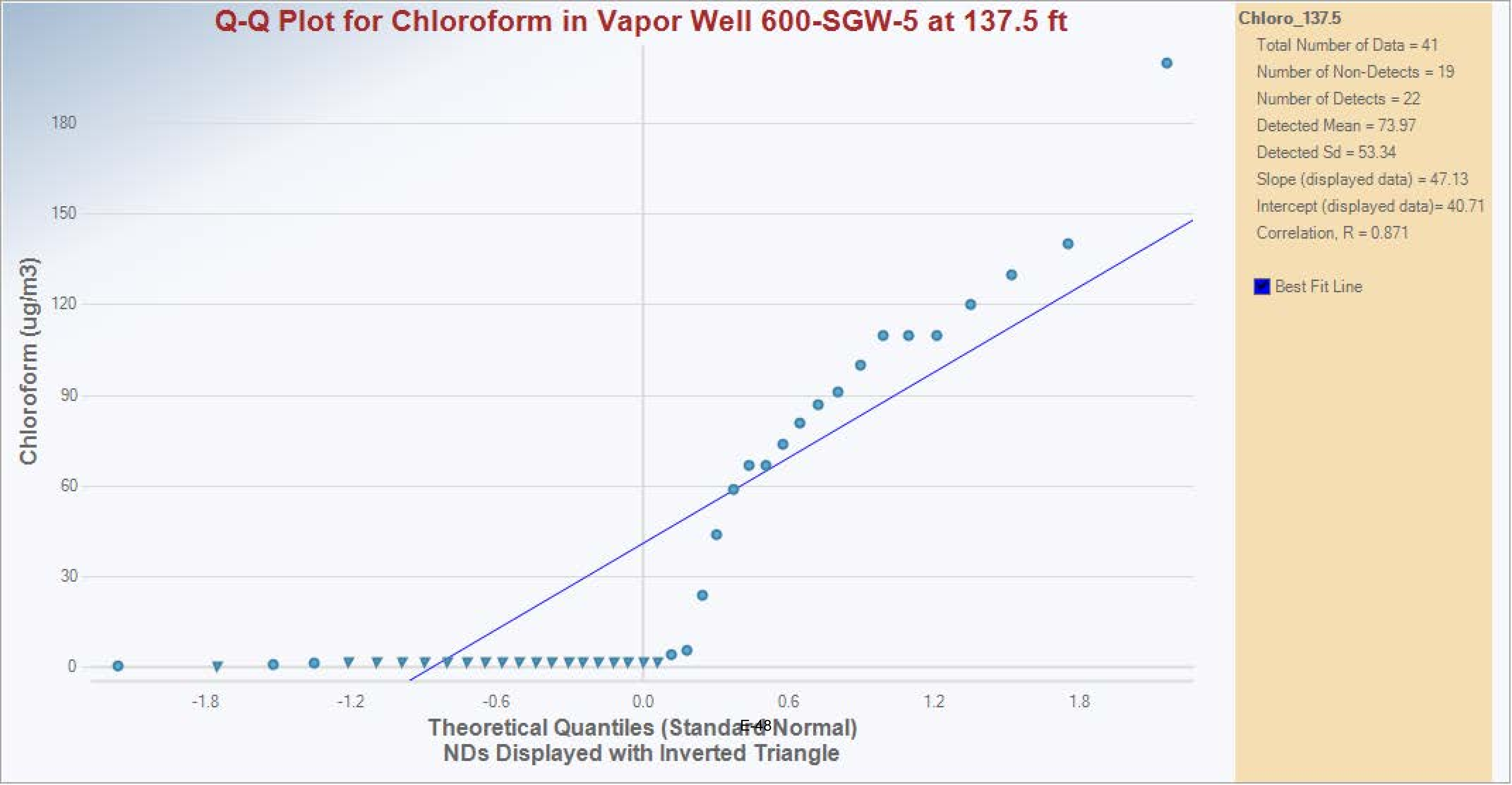
Green = Confidence Interval



Q-Q Plot for Chloroform in Vapor Well 600-SGW-5 at 102.5 ft
Chloroform (ug/m3)
120
100
80
60
40
20
-1.8
-1.2
-0.6
0.0
E-45
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
Chloro_102.5
N = 41
Mean = 77.05
Sd = 19.86
Slope = 19.85
Intercept = 77.05
Correlation, R = 0.978
Best Fit Line

	A	B	C	D	E	F	G	H	I	J	K	L
1				**Mann-Kendall Trend Test Analysis**								
2		User Selected Options										
3		Date/Time of Computation		ProUCL 5.2 4/12/2023 12:26:30 AM								
4		From File		600-SGW-05_Vapor_Input.xls								
5		Full Precision		OFF								
6		Confidence Coefficient		0.95								
7		Level of Significance		0.05								
8												
9			**Chloro_137.5**									
10												
11			**General Statistics**									
12			Number of Events Reported (m)		41							
13			Number of Missing Events		0							
14			Number or Reported Events Used		41							
15			Number Values Reported (n)		41							
16			Minimum		0.54							
17			Maximum		200							
18			Mean		40.71							
19			Geometric Mean		9.764							
20			Median		2.3							
21			Standard Deviation		52.97							
22			Coefficient of Variation		1.301							
23												
24			**Mann-Kendall Test**									
25			M-K Test Value (S)		27							
26			Critical Value (0.05)		1.645							
27			Standard Deviation of S		85							
28			Standardized Value of S		0.306							
29			Approximate p-value		0.38							
30												
31	**Insufficient evidence to identify a significant**											
32	**trend at the specified level of significance.**											


Chloroform Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 137.5 ft
Chloroform (ug/m3)
176
146
116
86
56
26
-4
-75
425
925
1425
1925
2425
2925
3425
Days Since First Perched Groundwater Pilot Test Sample (April 2013)
Mann-Kendall Trend Analysis
n 41
Confidence Coefficient 0.9500
Level of Significance 0.0500
Standard Deviation of S 85.0000
Standardized Value of S 0.3059
M-K Test Value (S) 27
Appx. Critical Value (0.05) 1.6449
Approximate p-value 0.3798
OLS Regression Line (Blue)
OLS Regression Slope 0.0085
OLS Regression Intercept 25.6591
Insufficient statistical evidence of a significant trend at the specified level of significance.



Q-Q Plot for Chloroform in Vapor Well 600-SGW-5 at 137.5 ft
Chloroform (ug/m3)
180
150
120
90
60
30
0
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
NDs Displayed with Inverted Triangle
Chloro_137.5
Total Number of Data = 41
Number of Non-Detects = 19
Number of Detects = 22
Detected Mean = 73.97
Detected Sd = 53.34
Slope (displayed data) = 47.13
Intercept (displayed data)= 40.71
Correlation, R = 0.871
Best Fit Line

	Mann-Kendall Trend Test Analysis
User Selected Options	
Date/Time of Computation	ProUCL 5.2 4/12/2023 12:30:20 AM
From File	600-SGW-05_Vapor_Input.xls
Full Precision	OFF
Confidence Coefficient	0.95
Level of Significance	0.05

TCE_7.5

General Statistics

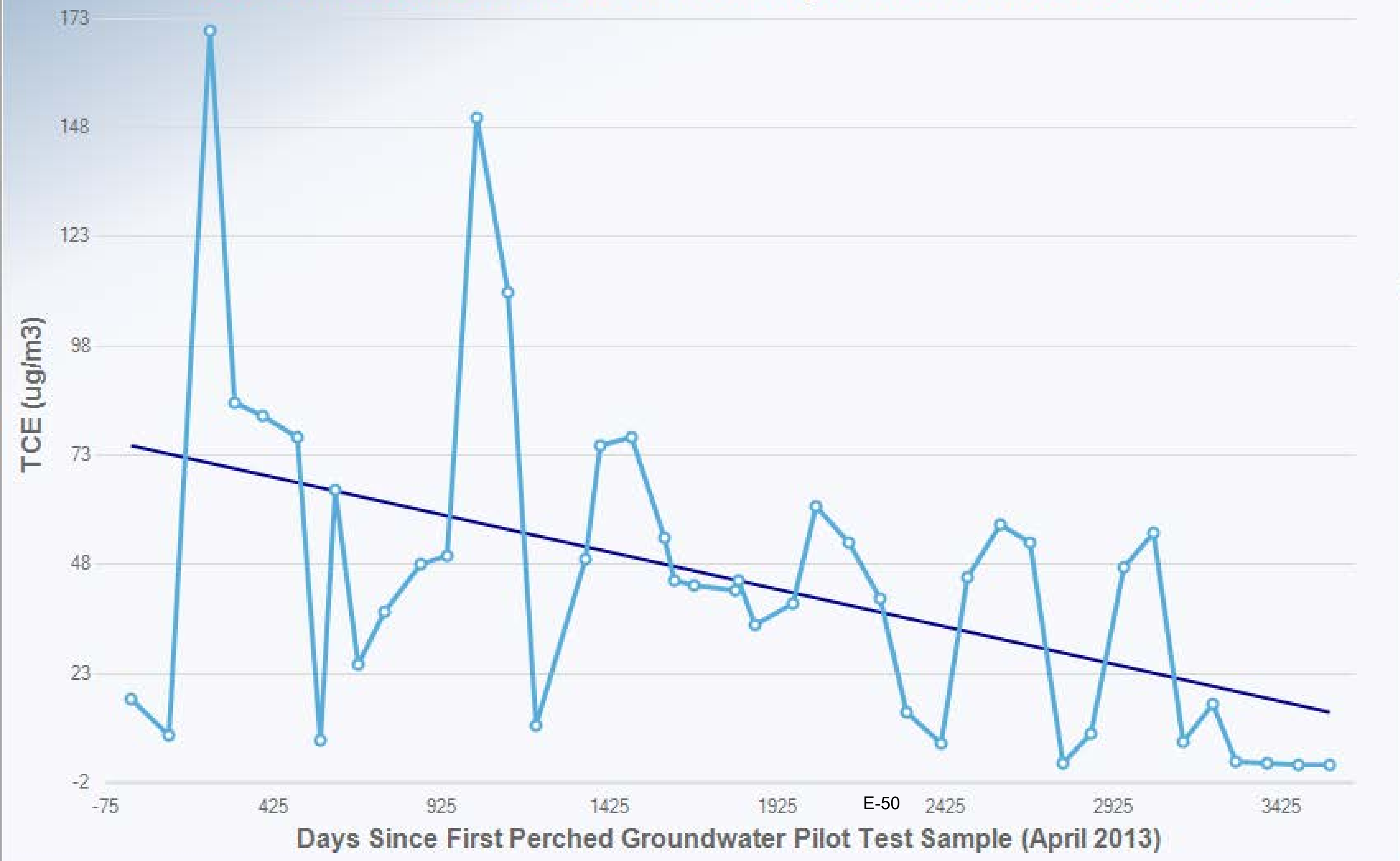
Number of Events Reported (m)	43
Number of Missing Events	0
Number or Reported Events Used	43
Number Values Reported (n)	43
Minimum	2
Maximum	170
Mean	44.65
Geometric Mean	27.25
Median	44
Standard Deviation	37.27
Coefficient of Variation	0.835

Mann-Kendall Test

M-K Test Value (S)	-332
Critical Value (0.05)	-1.645
Standard Deviation of S	95.54
Standardized Value of S	-3.465
Approximate p-value	2.6549E-4

Statistically significant evidence of a decreasing trend at the specified level of significance.

TCE Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 7.5 ft

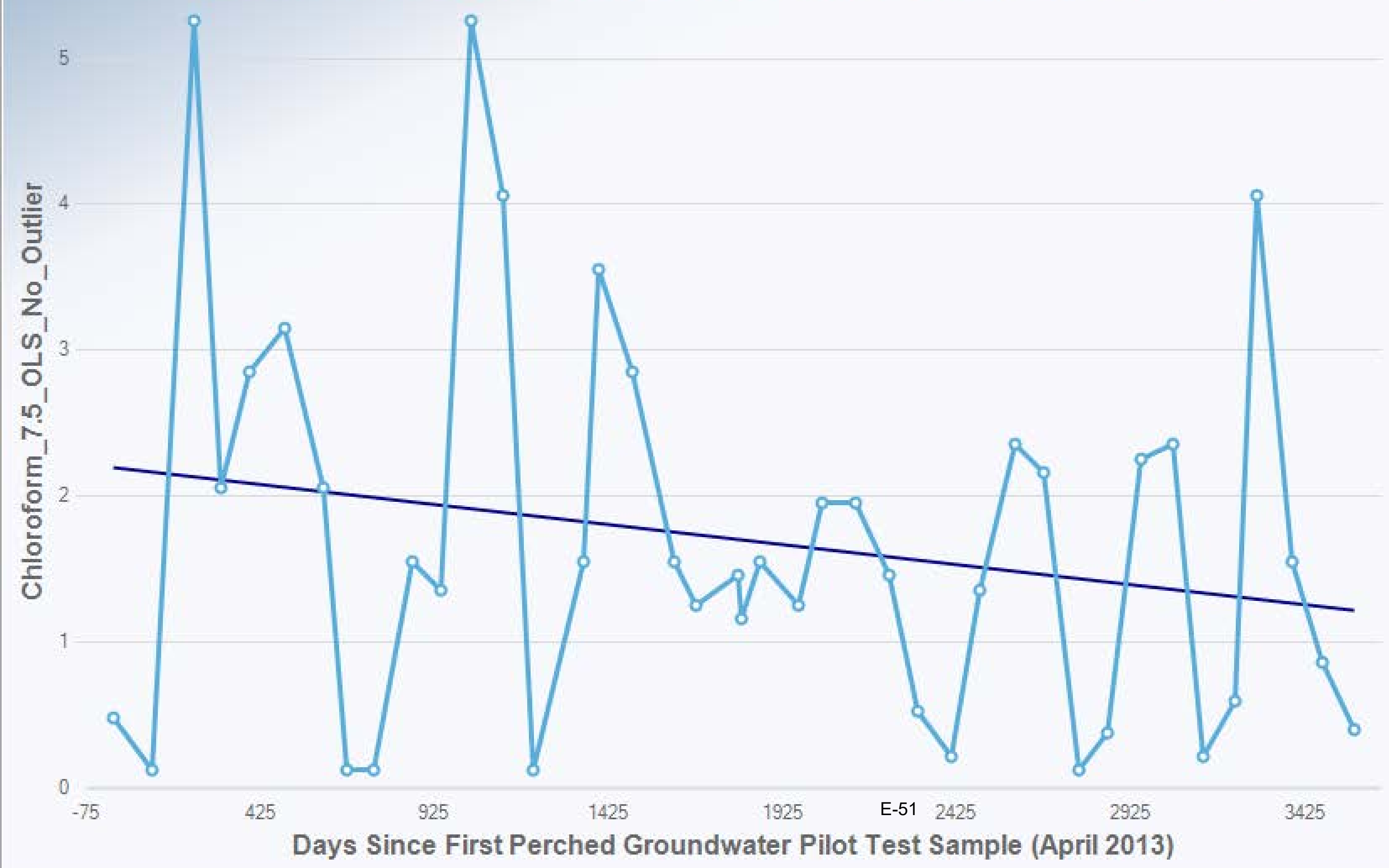


Mann-Kendall Trend Analysis	
n	43
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	95.5371
Standardized Value of S	-3.4646
M-K Test Value (S)	-332
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0003

OLS Regression Line (Blue)	
OLS Regression Slope	-0.0170
OLS Regression Intercept	74.8936

Statistically significant evidence of a decreasing trend at the specified level of significance.

TCE Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 7.5 ft



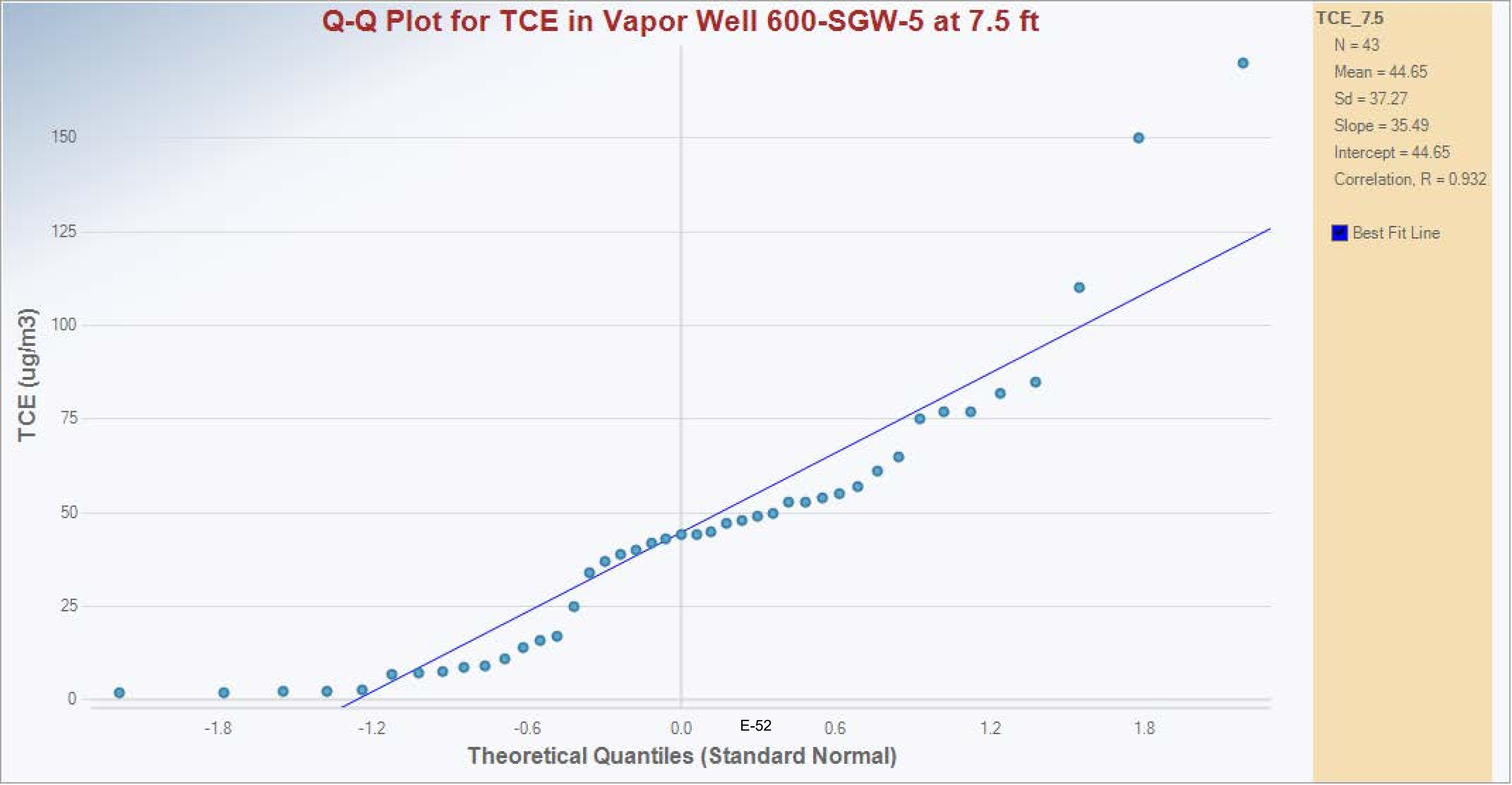
Mann-Kendall Trend Analysis

n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.8444
Standardized Value of S	-1.0468
M-K Test Value (S)	-94
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.1476

OLS Regression Line (Blue)

OLS Regression Slope	-0.0003
OLS Regression Intercept	2.3364

Insufficient statistical evidence of a significant trend at the specified level of significance.



Q-Q Plot for TCE in Vapor Well 600-SGW-5 at 7.5 ft
TCE (ug/m3)
150
125
100
75
50
25
0
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
TCE_7.5
N = 43
Mean = 44.65
Sd = 37.27
Slope = 35.49
Intercept = 44.65
Correlation, R = 0.932
Best Fit Line

Ordinary Least Squares Linear Regression Output Sheet

User Selected Options	
Date/Time of Computation	ProUCL 5.2 4/12/2023 12:34:42 AM
From File	600-SGW-05_Vapor_Input.xls
Full Precision	OFF
Display Limits	False
Display Regresion Diagnostics	False
Display Regresion Tables	True
Title For Y vs X Plots	Classical Regression
nfidence Level for Regression Line	0.95
Display Confidence Band	True
Display Prediction Band	True

Dependendant Variable (Y-Data)	TCE_52.5
Number Reported (Y values)	41
Independent Variable (x-data)	Date_TCE_52.5
Number Reported (x-values)	41

Regression Estimates and Inference Table

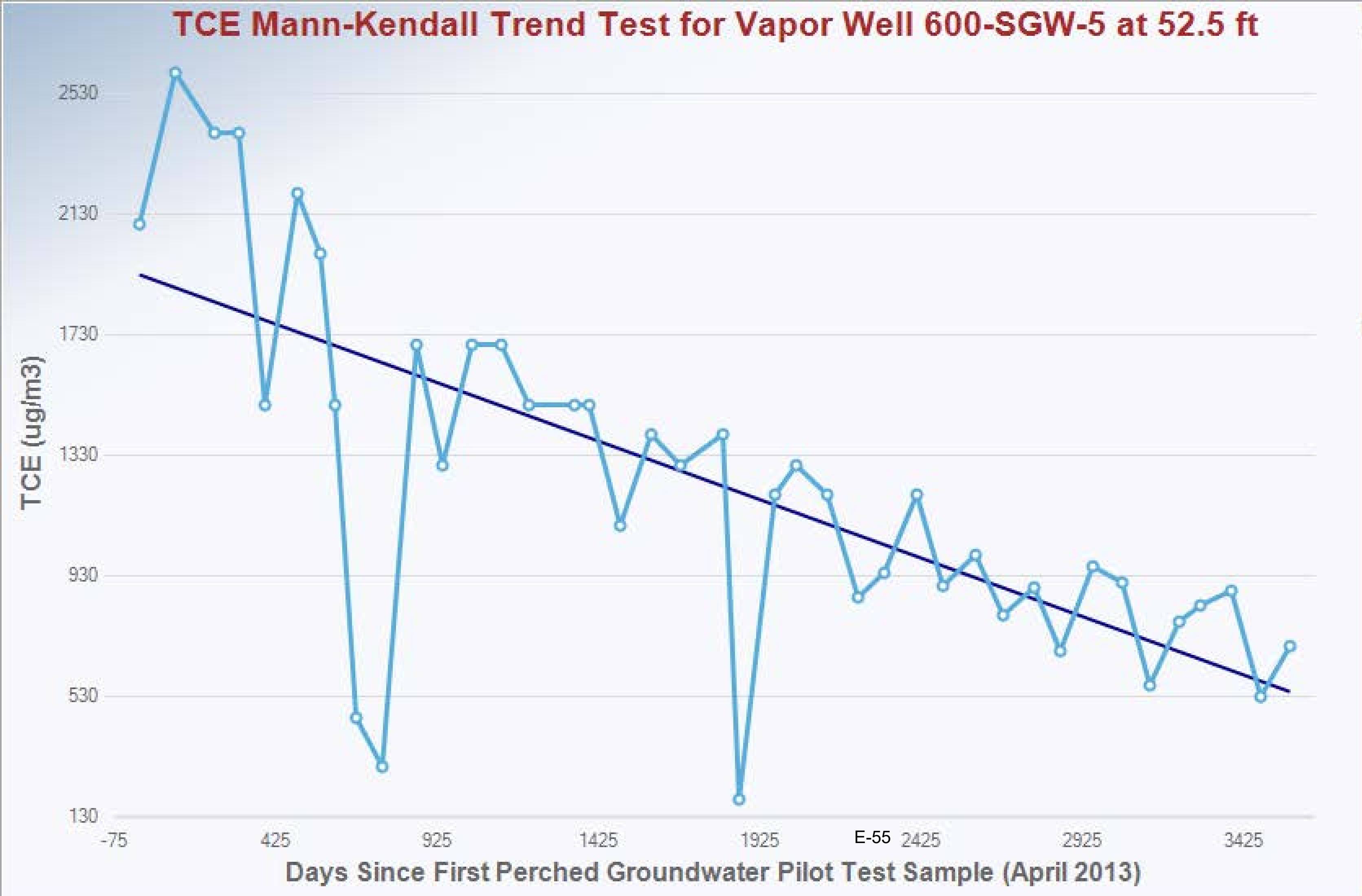
Parameter	Estimates	Std. Error	T-values	p-values
intercept	1931	125.7	15.36	3.917E-18
ate_TCE_52	-0.388	0.0607	-6.382	1.5277E-7

OLS ANOVA Table

Source of Variation	SS	DOF	MS	F-Value	P-Value
Regression	6851337	1	6851337	40.73	0.0000
Error	6560424	39	168216		
Total	13411761	40			

R Square	0.511
Adjusted R Square	0.498
Sqrt(MSE) = Scale	410.1

	A	B	C	D	E	F	G	H	I	J	K	L
37	Regression Table											
38	Obs	Y Vector	Yhat	Residuals	Res/Scale							
39	1	2100	1931	168.7	0.411							
40	2	2600	1887	712.5	1.737							
41	3	2400	1841	559	1.363							
42	4	2400	1811	588.9	1.436							
43	5	1500	1779	-279.3	-0.681							
44	6	2200	1741	459.4	1.12							
45	7	2000	1713	286.9	0.7							
46	8	1500	1697	-196.8	-0.48							
47	9	460	1670	-1210	-2.95							
48	10	300	1640	-1340	-3.267							
49	11	1700	1597	102.8	0.251							
50	12	1300	1567	-266.5	-0.65							
51	13	1700	1532	168.3	0.41							
52	14	1700	1496	203.6	0.496							
53	15	1500	1464	36.18	0.0882							
54	16	1500	1407	92.77	0.226							
55	17	1500	1391	109.4	0.267							
56	18	1100	1353	-253.4	-0.618							
57	19	1400	1315	84.63	0.206							
58	20	1300	1281	18.74	0.0457							
59	21	1400	1231	169.1	0.412							
60	22	190	1211	-1021	-2.489							
61	23	1200	1168	31.92	0.0778							
62	24	1300	1141	159.1	0.388							
63	25	1200	1104	96.27	0.235							
64	26	860	1067	-207.3	-0.505							
65	27	940	1036	-95.51	-0.233							
66	28	1200	997.1	202.9	0.495							
67	29	900	966.5	-66.52	-0.162							
68	30	1000	927.4	72.63	0.177							
69	31	800	894	-94.04	-0.229							
70	32	890	855.7	34.34	0.0837							
71	33	680	823.9	-143.9	-0.351							
72	34	960	785.9	174.1	0.424							
73	35	910	750.6	159.4	0.389							
74	36	570	717.3	-147.3	-0.359							
75	37	780	682.4	97.6	0.238							
76	38	830	656.8	173.2	0.422							
77	39	880	619.2	260.8	0.636							
78	40	530	584	-53.95	-0.132							
79	41	700	548.3	151.7	0.37							
80												



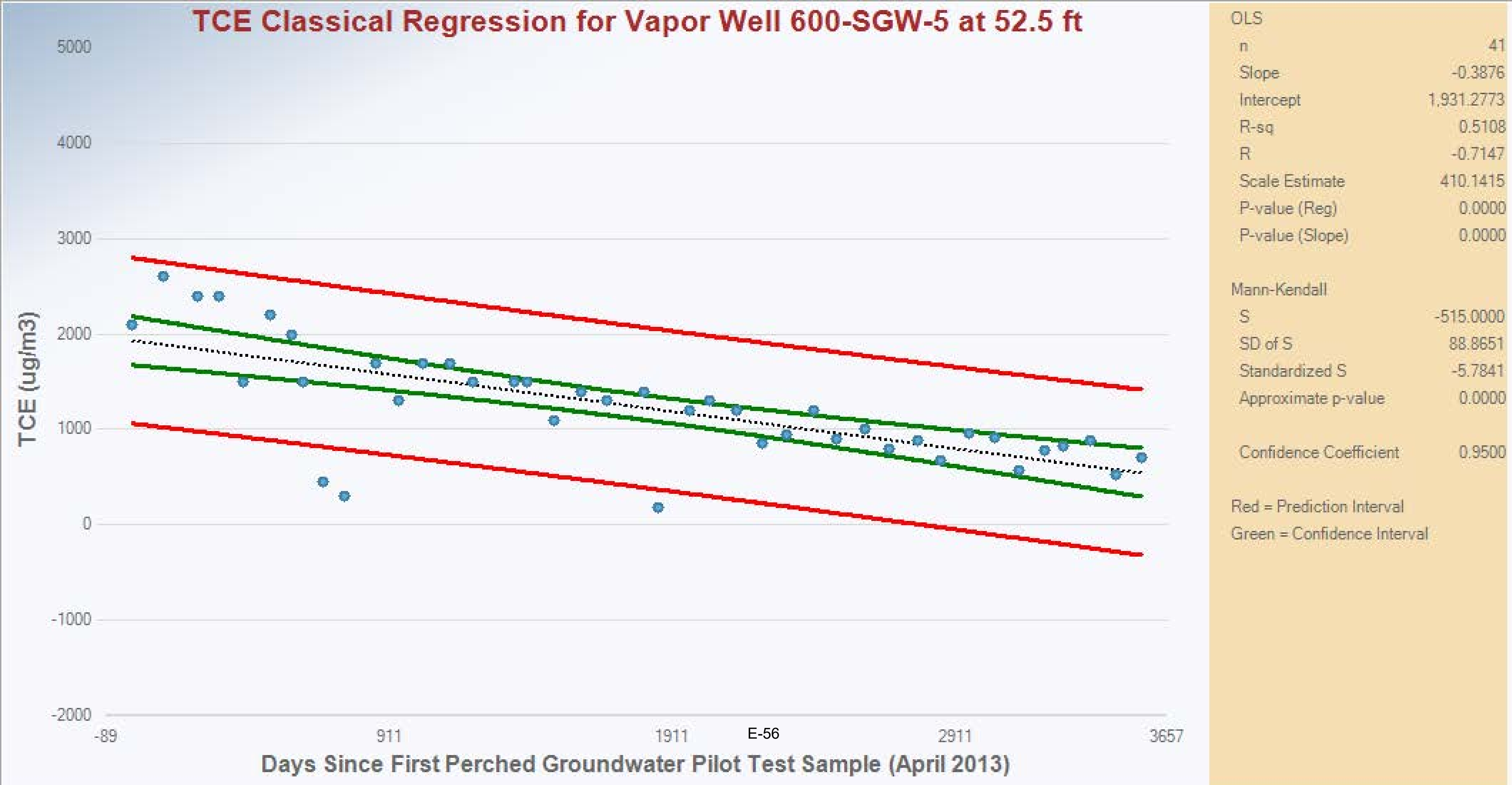
Mann-Kendall Trend Analysis

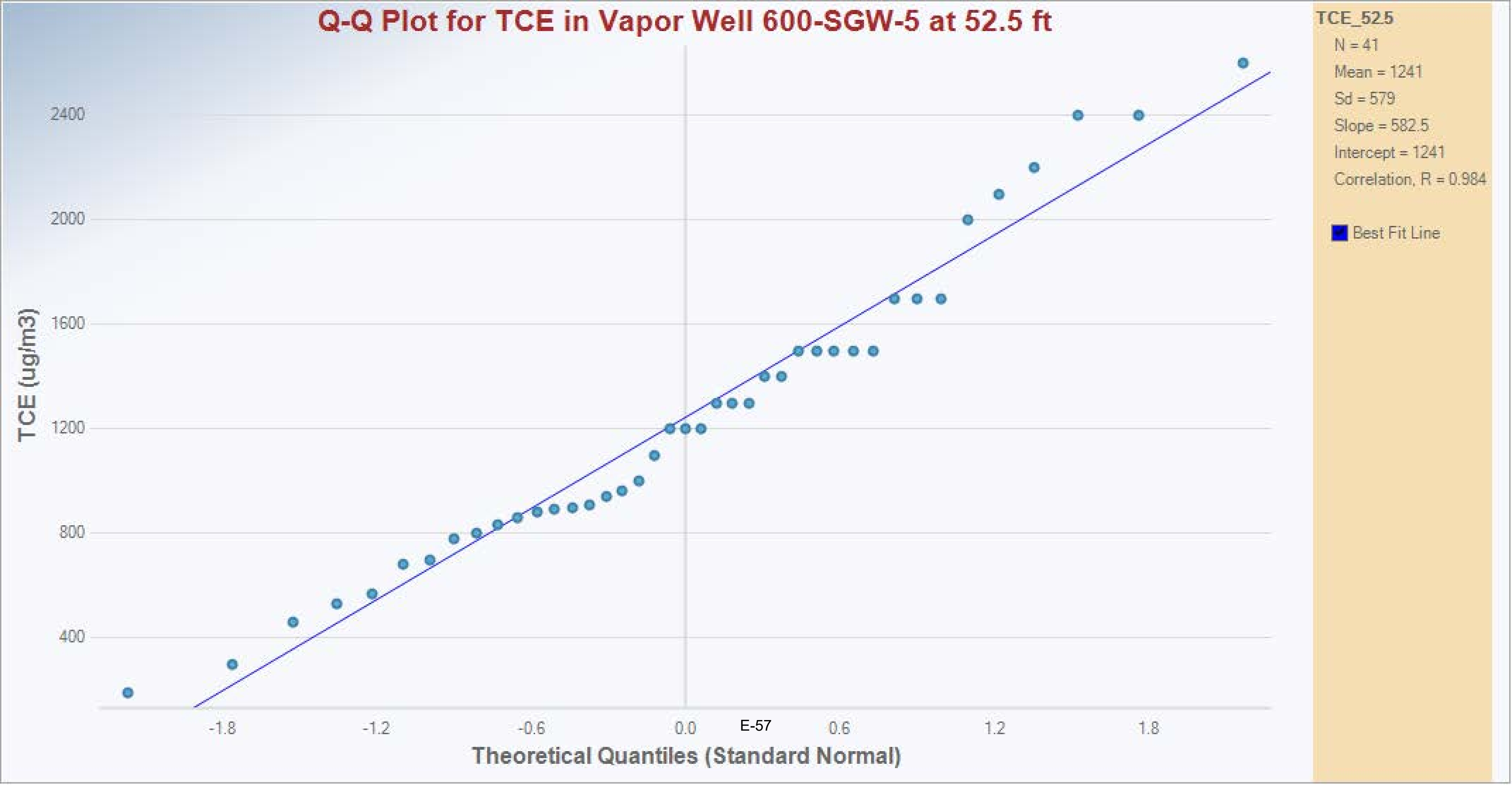
n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.8651
Standardized Value of S	-5.7841
M-K Test Value (S)	-515
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-0.3876
OLS Regression Intercept	1,931.2773

Statistically significant evidence of a decreasing trend at the specified level of significance.

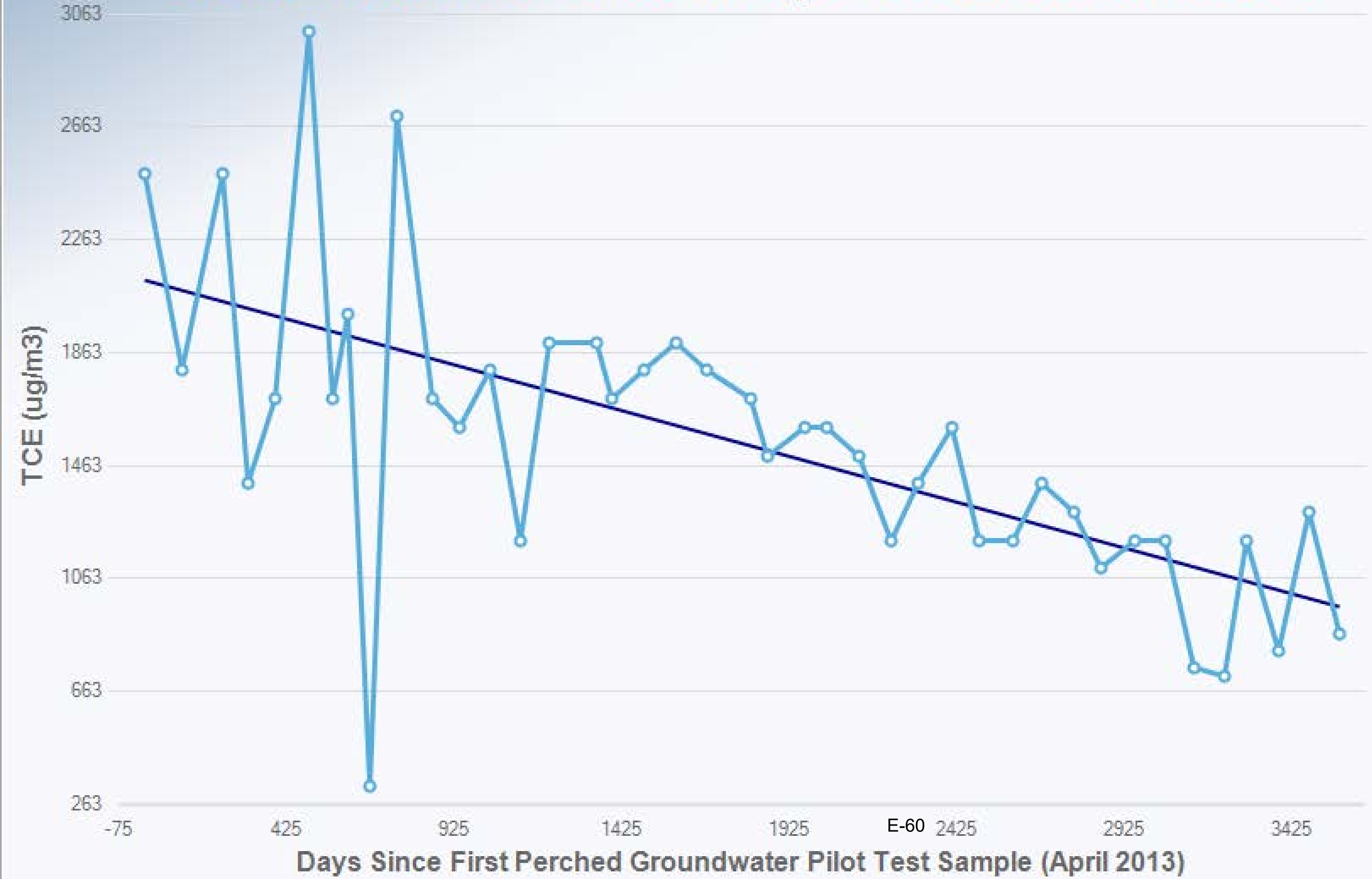

TCE Classical Regression for Vapor Well 600-SGW-5 at 52.5 ft
5000
4000
3000
2000
1000
0
-1000
-2000
TCE (ug/m3)
-89
911
1911
2911
3657
Days Since First Perched Groundwater Pilot Test Sample (April 2013)
OLS
n 41
Slope -0.3876
Intercept 1,931.2773
R-sq 0.5108
R -0.7147
Scale Estimate 410.1415
P-value (Reg) 0.0000
P-value (Slope) 0.0000
Mann-Kendall
S -515.0000
SD of S 88.8651
Standardized S -5.7841
Approximate p-value 0.0000
Confidence Coefficient 0.9500
Red = Prediction Interval
Green = Confidence Interval


Q-Q Plot for TCE in Vapor Well 600-SGW-5 at 52.5 ft
TCE (ug/m3)
2400
2000
1600
1200
800
400
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
TCE_52.5
N = 41
Mean = 1241
Sd = 579
Slope = 582.5
Intercept = 1241
Correlation, R = 0.984
Best Fit Line

	A	B	C	D	E	F	G	H	I	J	K	L
1				Ordinary Least Squares Linear Regression Output Sheet								
2		User Selected Options										
3		Date/Time of Computation		ProUCL 5.2 4/12/2023 12:43:00 AM								
4		From File		600-SGW-05_Vapor_Input.xls								
5		Full Precision		OFF								
6												
7		Display Limits		False								
8		Display Regresion Diagnostics		False								
9		Display Regresion Tables		True								
10		Title For Y vs X Plots		Classical Regression								
11		onfidence Level for Regression Line		0.95								
12		Display Confidence Band		True								
13		Display Prediction Band		True								
14												
15												
16		Dependendant Variable (Y-Data)			TCE_102.5							
17		Number Reported (Y values)			41							
18		Independent Variable (x-data)			Date_TCE_102.5							
19		Number Reported (x-values)			41							
20												
21												
22		Regression Estimates and Inference Table										
23	Parameter	Estimates	Std. Error	T-values	p-values							
24	intercept	2120	124.8	16.99	1.281E-19							
25	te_TCE_10	-0.324	0.0603	-5.372	3.8482E-6							
26												
27		OLS ANOVA Table										
28		Source of Variation		SS	DOF	MS	F-Value	P-Value				
29			Regression	4786814	1	4786814	28.86	0.0000				
30			Error	6468708	39	165864						
31			Total	11255522	40							
32												
33			R Square		0.425							
34			Adjusted R Square		0.411							
35			Sqrt(MSE) = Scale		407.3							
36												

	A	B	C	D	E	F	G	H	I	J	K	L
37	Regression Table											
38	Obs	Y Vector	Yhat	Residuals	Res/Scale							
39	1	2500	2120	379.6	0.932							
40	2	1800	2084	-283.8	-0.697							
41	3	2500	2045	455.1	1.117							
42	4	1400	2020	-620	-1.522							
43	5	1700	1993	-293.4	-0.72							
44	6	3000	1961	1039	2.551							
45	7	1700	1938	-238	-0.584							
46	8	2000	1924	75.6	0.186							
47	9	330	1902	-1572	-3.86							
48	10	2700	1877	823.2	2.021							
49	11	1700	1841	-141.1	-0.347							
50	12	1600	1816	-215.5	-0.529							
51	13	1800	1786	13.62	0.0334							
52	14	1200	1757	-556.9	-1.367							
53	15	1900	1730	170.3	0.418							
54	16	1900	1682	217.6	0.534							
55	17	1700	1668	31.55	0.0775							
56	18	1800	1637	162.7	0.399							
57	19	1900	1606	294.4	0.723							
58	20	1800	1577	222.9	0.547							
59	21	1700	1535	165	0.405							
60	22	1500	1518	-18.12	-0.0445							
61	23	1600	1482	117.5	0.289							
62	24	1600	1460	140.2	0.344							
63	25	1500	1429	71.3	0.175							
64	26	1200	1398	-198.2	-0.487							
65	27	1400	1372	28.32	0.0695							
66	28	1600	1340	260.4	0.639							
67	29	1200	1314	-114	-0.28							
68	30	1200	1281	-81.28	-0.2							
69	31	1400	1253	146.6	0.36							
70	32	1300	1221	78.65	0.193							
71	33	1100	1195	-94.78	-0.233							
72	34	1200	1163	36.97	0.0908							
73	35	1200	1134	66.45	0.163							
74	36	750	1106	-355.7	-0.873							
75	37	720	1077	-356.5	-0.875							
76	38	1200	1055	144.9	0.356							
77	39	810	1024	-213.7	-0.525							
78	40	1300	994.2	305.8	0.751							
79	41	870	964.4	-94.42	-0.232							
80												

TCE Mann-Kendall Trend Test for Vapor Well 600-SGW-5 at 102.5 ft



Mann-Kendall Trend Analysis	
n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.5325
Standardized Value of S	-5.2523
M-K Test Value (S)	-466
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)	
OLS Regression Slope	-0.3240
OLS Regression Intercept	2,120.4130

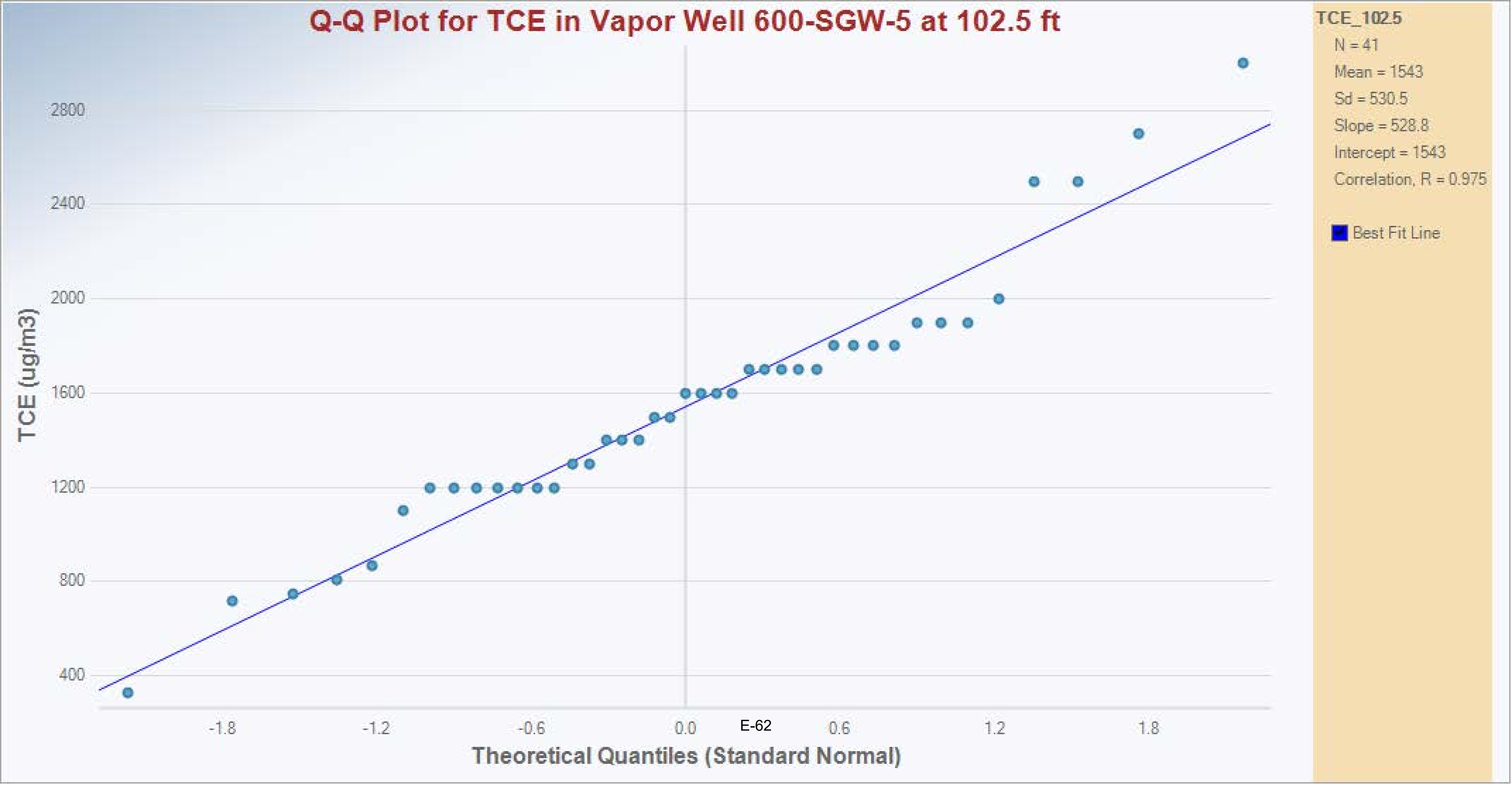
Statistically significant evidence of a decreasing trend at the specified level of significance.

TCE Classical Regression for Vapor Well 600-SGW-5 at 102.5 ft

OLS	
n	41
Slope	-0.3240
Intercept	2,120.4130
R-sq	0.4253
R	-0.6521
Scale Estimate	407.2644
P-value (Reg)	0.0000
P-value (Slope)	0.0000
Mann-Kendall	
S	-466.0000
SD of S	88.5325
Standardized S	-5.2523
Approximate p-value	0.0000
Confidence Coefficient	0.9500

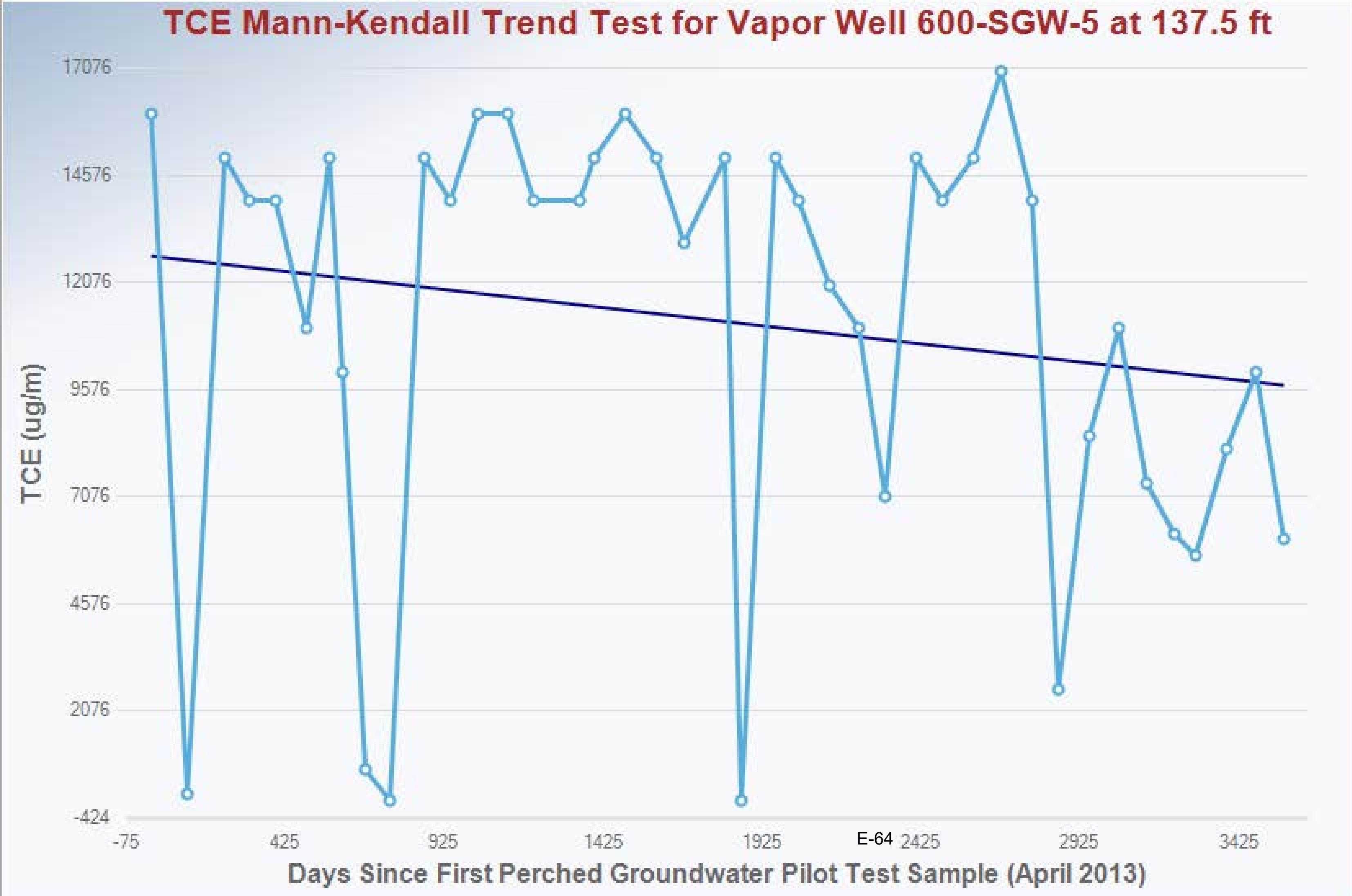
Red = Prediction Interval

Green = Confidence Interval


Q-Q Plot for TCE in Vapor Well 600-SGW-5 at 102.5 ft
TCE (ug/m3)
2800
2400
2000
1600
1200
800
400
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
TCE_102.5
N = 41
Mean = 1543
Sd = 530.5
Slope = 528.8
Intercept = 1543
Correlation, R = 0.975
Best Fit Line

	Mann-Kendall Trend Test Analysis	
User Selected Options		
Date/Time of Computation	ProUCL 5.2 4/12/2023 12:50:00 AM	
From File	600-SGW-05_Vapor_Input.xls	
Full Precision	OFF	
Confidence Coefficient	0.95	
Level of Significance	0.05	
TCE_137.5		
General Statistics		
Number of Events Reported (m)	41	
Number of Missing Events	0	
Number or Reported Events Used	41	
Number Values Reported (n)	41	
Minimum	0.55	
Maximum	17000	
Mean	11187	
Geometric Mean	6129	
Median	14000	
Standard Deviation	5028	
Coefficient of Variation	0.449	
Mann-Kendall Test		
M-K Test Value (S)	-182	
Critical Value (0.05)	-1.645	
Standard Deviation of S	88.07	
Standardized Value of S	-2.055	
Approximate p-value	0.0199	

Statistically significant evidence of a decreasing trend at the specified level of significance.



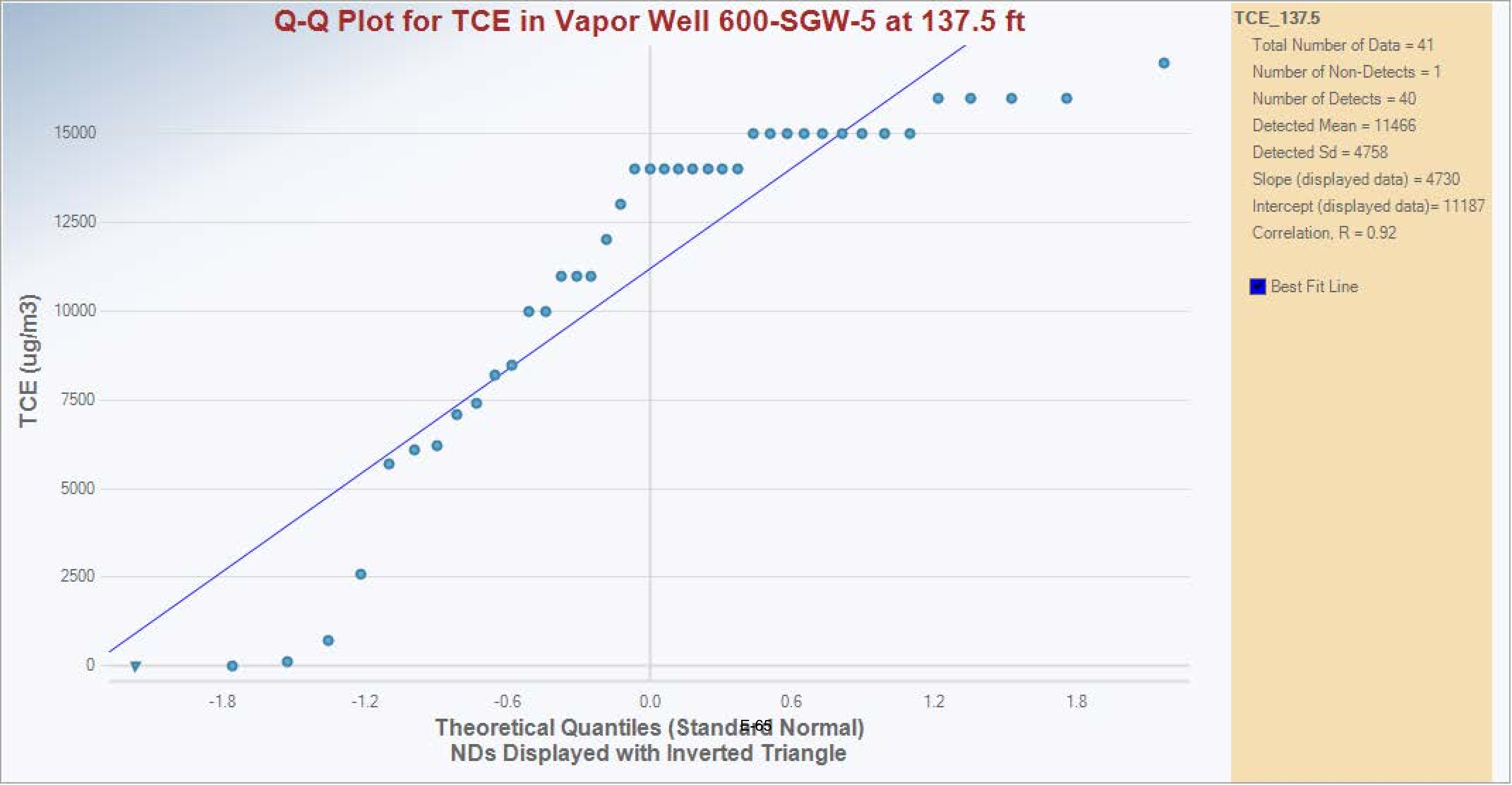
Mann-Kendall Trend Analysis

n	41
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	88.0682
Standardized Value of S	-2.0552
M-K Test Value (S)	-182
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0199

OLS Regression Line (Blue)

OLS Regression Slope	-0.8370
OLS Regression Intercept	12,677.2045

Statistically significant evidence of a decreasing trend at the specified level of significance.


Q-Q Plot for TCE in Vapor Well 600-SGW-5 at 137.5 ft
TCE (ug/m3)
15000
12500
10000
7500
5000
2500
0
-1.8
-1.2
-0.6
0.0
0.6
1.2
1.8
Theoretical Quantiles (Standard Normal)
NDs Displayed with Inverted Triangle
TCE_137.5
Total Number of Data = 41
Number of Non-Detects = 1
Number of Detects = 40
Detected Mean = 11466
Detected Sd = 4758
Slope (displayed data) = 4730
Intercept (displayed data)= 11187
Correlation, R = 0.92
Best Fit Line