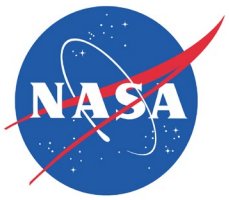
National Aeronautics and Space Administration



SITE MANAGEMENT PLAN

FISCAL YEARS 2024 AND 2025
National Aeronautics and Space Administration
Wallops Flight Facility

Goddard Space Flight Center
Wallops Flight Facility
Wallops Island, Virginia

FINAL
OCTOBER 2024

SITE MANAGEMENT PLAN
FISCAL YEARS 2024 and 2025
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

Submitted to:
National Aeronautics and Space Administration
Goddard Space Flight Center
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ACRONYM LIST

AAOC	Administrative Agreement on Consent
ADAS	Advances Data Acquisition Support Facility
AFTF	Aviation Fuel Tank Farm
AI	Area of Interest
AOC	Area of Concern
AR	Administrative Record
ASR	Archive Search Report
BMP	Best Management Practices
CAP	Corrective Action Plan
CDL	Construction Debris Landfill
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	Contaminant of Concern
DEQ	Department of Environmental Quality
CY	Calendar year
CRP	Community Relations Plan
DERP	Defense Environmental Restoration Program
DOD	Department of Defense
EA	Early action
ECR	Environmental Compliance and Restoration
EE/CA	Engineering Evaluation/Cost Analysis
EOD	Explosives Ordnance Disposal
EPA	U.S. Environmental Protection Agency
ER, F	Environmental Restoration, FUDS
ESI	Expanded Site Investigation
FCA	Former Circular Area
FFTA	Former Fire Training Area
FS	Feasibility Study
FUDS	Formerly Used Defense Sites
FY	Fiscal year
HA	Health advisory
HASP	Health and Safety Plan
HI	Hazard index
LTM	Long-term monitoring
LUC	Land Use Controls
MARS	Mid-Atlantic Regional Space Port
MB	Main Base
MBFR	Main Base Firing Range
MC	Munitions constituents
MEC	Munitions and explosives of concern
ML	Mainland
MMRP	Military Munitions Response Program
MOA	Memorandum of Agreement
NACA	National Advisory Committee for Aeronautics
NASA	National Aeronautics and Space Administration
Navy	U.S. Navy
NCP	National Contingency Plan
NFA	No further action
NOAA	National Oceanic and Atmospheric Administration
OU	Operable Unit
PA	Preliminary Assessment
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per- and Polyfluorinated Alkyl Substances

ppm	Parts per million
POL	Petroleum, Oil, and Lubricants
PRAP	Proposed Remedial Action Plan
PRP	Potentially responsible party
RA	Remedial Action
RAC	Remedial action completion
RACR	Remedial Action Completion Report
RAWP	Removal Action Work Plan
RBCs	Risk Based Concentrations
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
ROD	Record of Decision
RPG	Rocket propelled grenade
RPM	Remedial Project Managers
RSL	Regional Screening Level
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SASE	Study Area Screening Evaluation
SEDA	South End Disposal Area
SI	Site Inspection
SMP	Site Management Plan
SSI	Supplemental Site Inspection
SSLs	Soil Screening Levels
SSP	Site Screening Process
SVOCs	Semivolatile organic compounds
TAL	Target analyte list
TCL	Target compound list
TCRA	Time Critical Removal Action
TPH	Total Petroleum Hydrocarbons
TSCA	Toxic Substance Control Act
TtNUS	Tetra Tech NUS, Inc.
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
UST	Underground Storage Tank
UXO	Unexploded ordnance
VOCs	Volatile organic compounds
WFF	Wallops Flight Facility
WI	Wallops Island
WOD	Waste Oil Dump
WWTP	Wastewater Treatment Plant
μg/kg	Micrograms per kilogram

1.0 INTRODUCTION

This Site Management Plan (SMP) has been updated for fiscal years (FY) 2024 and 2025 for the National Aeronautics and Space Administration (NASA) Wallops Flight Facility (WFF) and has been prepared by Tetra Tech, Inc. (Tetra Tech) under Task Orders 15 and 16 issued by the NASA under their prime contract 80-KSC019D0011. The SMP serves as a management tool for planning, reviewing, and setting priorities for environmental investigative, response, and remedial activities to be conducted at NASA WFF under two Administrative Agreements on Consent (AAOC) executed between NASA and U.S. Environmental Protection Agency (EPA):

- U.S. EPA Docket Number: RCRA-03-2004-0201TH, approved in 2004. This AAOC was issued under the authority of the Resource Conservation and Recovery Act (RCRA) as amended by the Hazardous and Solid Waste Amendments, and by agreement integrates Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA), into meeting the obligations of the AAOC. The AAOC applies to past releases of hazardous substances, waste and/or constituents at WFF and identifies CERCLA response requirements, policies, and guidance as the primary process for planning for and performing the work necessary to complete remedial and corrective actions appropriate to those releases and addresses activities completed under NASA's Environmental Compliance and Restoration (ECR) Program. Preparation of this SMP is a requirement of the AAOC. Ultimately, the SMP serves as the schedule for implementation of NASA's environmental investigation and remediation program (i.e., Environmental Restoration Program) at WFF. The SMP is updated annually, in accordance with the AAOC, to revise priorities and schedules of activities, as additional information becomes available. The annual update also serves as the semi-annual progress report for the preceding six-month period.

- U.S. EPA Docket Number: RCRA-03-2021-0022TH, approved January 12, 2021. This AAOC was also issued under the authority of the RCRA as amended, and by agreement integrates CERCLA as amended. This AAOC applies to Formerly Used Defense Sites (FUDS) at WFF. On February 26, 2015, the Army and NASA entered into the 2015 Memorandum of Agreement (MOA) for the purpose of transferring Environmental Restoration, FUDS (ER,F) funds from the Army to NASA. Pursuant to the 2015 MOA, the ER,F funds are available to NASA for the conduct of necessary response actions under CERCLA, consistent with the Defense Environmental Restoration Program (DERP), 10 U.S.C. §§ 2701 et seq., and the National Contingency Plan (NCP) at the FUDS. Preparation of this SMP is also a requirement of this AAOC. The SMP serves as the schedule for implementation of NASA's FUDS program at WFF. The SMP is updated annually, in accordance with the AAOC, to revise

priorities and schedules of activities, as additional information becomes available. The annual update also serves as the semi-annual progress report for the preceding six-month period.

This updated SMP presents a summary of the facility background and environmental investigations, identifies the Areas of Concern (AOCs) or Sites identified at WFF for both ECR and FUDS, provides a review of the current status of each site, and presents the sequence and estimated schedule of future investigation and remediation activities for each site. The SMP presents detailed schedules for the next two Federal Government fiscal years (FY 2024 and FY 2025) and provides, as required by the AAOCs, a status report for progress and accomplishments for the six months ending February 16, 2024. Updates to the SMP allow for annual adjustments in scheduled activities for reasons such as Federal budgetary constraints, changes in scope of the investigation/remediation activities, or other unanticipated events.

1.1 REPORT ORGANIZATION

This SMP consists of the following sections:

- Section 1.0 consists of this introduction.
- Section 2.0 provides the names and responsibilities of Project Team members.
- Section 3.0 provides a description of the investigation/remediation process contained in the AAOCs and to be implemented under this SMP.
- Section 4.0 presents a summary of the facility background and environmental history and identifies the AOCs.
- Section 5.0 details the current conditions and presents the proposed actions for each of the Sites currently being addressed under AAOC RCRA-03-2004-0201TH.
- Section 6.0 details the current conditions and presents the proposed actions for each of the FUDS currently being addressed under AAOC RCRA-03-2021-0022TH.

2.0 PROJECT TEAM/COORDINATORS

The AAOCs (RCRA-03-2004-0201TH and RCRA-03-2021-0022TH) require that EPA and NASA identify Project Coordinators for the implementation of the AAOCs. NASA, EPA, and Virginia Department of Environmental Quality (DEQ) have established a working program for the completion of environmental restoration activities addressed under the AAOCs. Although DEQ is not a party to the AAOCs, DEQ has been provided an opportunity to concur with the terms of the AAOCs and NASA is required to submit the SMP, specific notifications, and copies of submissions (documents) to DEQ for review. It is NASA's intent to seek DEQ concurrence and approval on all submissions prepared under the Work to Be Performed clauses of the AAOCs, providing that such does not cause NASA to be found in noncompliance with any requirement of the AAOCs.

During FY 2007, EPA transitioned Project Coordinators, after issuing the notification required by the AAOC, from Jerry Hoover to Steve Hirsh. The change in Project Coordinators became effective April 5, 2007. During FY 2017, the EPA transitioned Project Coordinators from Steve Hirsh to Lorie Baker; the transition occurred in conjunction with the March 17, 2017 RPM Meeting. During FY 2008, NASA transitioned Project Coordinators, after issuing the notification required by the AAOC, from Carolyn Turner to Theodore J. Meyer. The change in Project Coordinators became effective June 16, 2008. During FY 2014, NASA transitioned Project Coordinators, after issuing the notification required by the AAOC, from Theodore J. Meyer to David Liu. The change in Project Coordinators became effective August 15, 2014. On February 16, 2024, the EPA and DEQ were informed that NASA would be switching project coordinators from David Liu to Kristi Francisco; the change became effective on February 24, 2024.

The DEQ transitioned Project Coordinators on January 1, 2021 from Paul Herman to Kyle Newman.

The names, addresses, and responsibilities of the project team members are as follows:

NASA

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Project Coordinator
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Wallops Island, Virginia 23337

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DEQ

Kyle Newman
Project Coordinator
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Office of Remediation Programs
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2.1 PROJECT COORDINATION

The NASA, EPA, and DEQ Project Coordinators meet regularly to review and discuss the status of activities at NASA WFF. Before each meeting, a meeting agenda is circulated among and concurred on by the Project Coordinators. NASA records meeting minutes and distributes the minutes to the Project Coordinators for review and approval. The meetings are used by the project team to track environmental restoration program progress under the requirements of the AAOCs and this SMP, to review and jointly plan, establish and modify schedules of activities, to discuss site-specific issues and priorities, and to reach and document concurrence or resolution of issues as appropriate. The meeting minutes are used to document these discussions and decisions.

NASA provides funding to the Commonwealth of Virginia to ensure that DEQ is represented in the environmental restoration process.

The Project Team continued to communicate through extensive use of email and teleconferencing this period and held more formal meetings on April 6 (in conjunction with the Skeet Range and PFAS public information session), June 22, August 16 (in conjunction with NASA employee and public information sessions), and February 15. The NASA, DEQ, and EPA Project Coordinators also met virtually on a bi-weekly basis to discuss issues and update the status of the sites included in this SMP.

3.0 REGULATORY PROCESS ACTIVITIES

The AAOCs (U.S. EPA Docket Number: RCRA-03-2004-0201TH and U.S. EPA Docket Number RCRA-03-2021-0022TH) describe the major milestones or phases of the work to be completed at WFF and identify Superfund (or CERCLA) as the primary regulatory process guidance to be used in completing the work to be performed under this SMP. This section briefly describes the major investigation and remediation phases that will be implemented under this SMP in accordance with the AAOCs. Where there is a difference between the two AAOCs, it is detailed below. The most recent EPA guidance available describing the methods to be used in performing specific activities under these phases will be consulted and applied in implementing this SMP.

3.1 DESCRIPTION OF CURRENT SITE CONDITIONS

The AAOCs requires that this SMP present a description of current site conditions, identify the AOCs and Sites, propose actions necessary to protect human health and the environment, and provide schedules for those activities. Section 4.0 of this SMP identifies the AOCs, Sections 5.0 and 6.0 of this SMP present the current site conditions and present the proposed actions and schedules for those Sites addressed under this SMP.

3.2 SITE SCREENING PROCESS

The AAOCs do not specifically include a site screening process but the guidance referenced in the AAOCs does. Under the Superfund Guidance, the site screening process consists of conducting a Preliminary Assessment (PA) and Site Investigation (SI). These investigations can be performed in sequence or as a combined evaluation. The PA is a limited-scope investigation performed to collect readily available information about a site and its surrounding area. The PA is designed to screen sites or to distinguish, based on limited data, between sites that pose little or no threat to human health and the environment and sites that may pose a threat and require further investigation. The PA also identifies sites requiring assessment for possible removal or early actions. If the PA results in a recommendation for further investigation, a SI is performed (EPA, 1991; EPA, 1999).

The SI provides the data needed to complete a screening level evaluation of the potential risks posed to human health and the environment. SIs typically include the collection of environmental and waste samples to determine what hazardous substances are present at a site. The data is used to determine if these substances are being released to the environment and assess if they have reached nearby targets. The SI can be conducted in one stage or two. The first stage, or focused SI, typically focuses sampling

efforts to determine the presence or absence of contamination at areas of suspected release and migration to yield information sufficient to determine if further investigations are necessary to characterize the site risks. If further information is necessary to characterize the risks either an expanded SI or RI is conducted (EPA, 1992; EPA, 1999).

To be consistent with the AAOCs and EPA guidance (EPA, 2023), work plans for conducting site screenings should be prepared and submitted to EPA for review and approval and DEQ for review and concurrence. The work plan should identify if a PA, SI or combination PA/SI is to be performed and be designed to determine the presence of hazardous substances, determine if a release has occurred, and to collect sufficient information to evaluate the potential human health and ecological risks posed by the migration of hazardous substances to receptors. The work plan shall include a data collection and quality assurance plan, data management plan, and a description of reporting requirements. A health and safety plan (HASP) shall be submitted to EPA and DEQ concurrent with the work plan. Per EPA guidance, the results of the PA/SI will not be used for the purpose of determining National Priority List eligibility, but for the purpose of scoping the subsequent RI. If it is determined that an RI is not necessary, the site will be closed via a No Further Action Consensus Statement signed by NASA, EPA, and DEQ.

3.3 EARLY ACTIONS/REMOVAL AND EMERGENCY ACTIONS

Early actions (EA) are detailed in AAOC RCRA-03-2004-0201TH. An EA is an action taken to mitigate immediate or potential threats to human health or the environment. EAs may be performed at any time throughout the investigation/remediation process to address such threats. These actions are typically taken as an interim measure to address imminent threats, to mitigate a release, or to minimize a source at a site. However, EAs should also be consistent with any long-term remedial measures that may be required for the site. The performance of an EA requires an EPA-approved work plan. DEQ concurrence on the work plan will also be requested.

The EA work plan should identify one or more actions to be taken to address the threat to human health or the environment. The work plan is to include, as appropriate, a statement of the EA objectives, a public involvement plan, data collection and management plans, designs and specifications, construction schedules and quality assurance plans, operation and maintenance plans, and reporting requirements. A HASP shall also be made available to EPA and DEQ at the time of work plan submittal.

Removal actions and emergency actions are detailed in AAOC RCRA-03-2021-0022TH. If during the course of performing the activities required under this AAOC, NASA identifies an actual or substantial threat at one of the sites addressed in this AAOC, NASA may undertake removal actions to abate the risk. All removal actions will be completed in a manner consistent with this AAOC, CERCLA, and the

NCP. Prior to undertaking the removal action, NASA shall submit to the EPA for review and comment: documentation of the risk; documentation that the action will be consistent with federal and state requirements, an Engineering Evaluation/Cost Analysis (EE/CA) for a Non-Time Critical Removal Action (NTCRA); and a NTCRA Plan and schedule.

3.4 REMEDIAL INVESTIGATIONS

A Remedial Investigation (RI) is performed at sites where a release has been confirmed and where that release poses an unacceptable risk to public health and/or the environment. Where an EA addresses imminent threats, the RI typically is performed to define the need for actions necessary to mitigate long-term threats. To support this objective, the RI should be designed to define or characterize the source of and the nature and extent of contamination, characterize the contaminant migration pathways, define the actual or potential risks to receptors, and provide data sufficient to support the development of remedial alternatives (EPA, 1988).

An EPA-approved work plan is required for the performance of an RI. DEQ concurrence on the work plan will also be requested. The work plan shall include a management plan, data collection quality assurance plan, data management plan, community involvement plan, and schedule to meet the objectives described above. A HASP should also be made available to EPA at the time of work plan submittal.

3.5 FEASIBILITY STUDIES

A Feasibility Study (FS) is required when the RI identifies that site-related contaminants present an unacceptable risk to human health or the environment. EPA has defined the cancer risk range of 10^{-4} to 10^{-6} as the "target range" or maximum "acceptable risk range" for most sites evaluated under the CERCLA program. This risk range represents the potential for contaminant exposure to cause one additional case of cancer in a population of ten-thousand people to one additional case of cancer in a population of one million people. Cumulative cancer risks greater than 10^{-4} generally will indicate that some degree of remediation is required, and cancer risks below 10^{-6} normally will not result in remedial efforts. When the calculated risk falls between 10^{-4} and 10^{-6}, decisions are typically made on a case by case basis. Noncancer risks are evaluated using the Hazard Index (HI) system. EPA has established this system to evaluate the potential for noncarcinogenic health effects of contamination. An HI of 1.0 or less is not expected to result in adverse health effects. The HI for an exposure scenario and for specific target organs are both evaluated under this system. In general, if the total HI exceeds 1.0 then the specific target organs expected to be affected by the contaminants are further evaluated to determine the HI for that organ. The HI value is not a numeric indication of risk. Rather, an HI that exceeds 1.0 indicates that a noncancer health effect cannot be ruled out. The need to take actions based on the HI is

typically made on a case by case basis. Risks to the environment are evaluated by assessing the potential impacts of site-related contamination to ecological receptors. EPA has established numerical screening methods and risk evaluation guidelines for the performance of ecological risk assessments. However, the need to take action based on ecological risks is typically made on a case by case basis considering the results of site-specific studies and evaluations.

The purpose of an FS is to define the goals or end points required to mitigate an unacceptable risk and to identify a range of remedial alternatives that meet those goals. The FS shall, at a minimum, develop a list of remedial alternatives, and screen and evaluate those alternatives according to the latest EPA guidance. The evaluation or analysis of alternatives shall be conducted to provide sufficient information to allow for the comparison of alternatives and, when combined with risk management judgments, the selection of a site remedy that satisfies CERCLA requirements (EPA, 1988).

The FS is to be submitted to EPA for review and approval and DEQ for review and concurrence and provides the basis or rationale for selecting a preferred alternative which is to be presented in a Proposed Remedial Action Plan (PRAP).

3.6 PUBLIC COMMENT AND PARTICIPATION

3.6.1 Proposed Remedial Action Plan

The public is to be provided an opportunity to comment on and participate in the selection of a remedy. After EPA approval of the FS, the remedial alternative preferred by NASA will be presented in a PRAP. The purpose of the PRAP is to solicit public involvement in the remedial selection process. The PRAP should briefly describe the remedial alternatives analyzed in the FS, propose the preferred alternative, and provide the rationale that supports the proposal of the preferred alternative (EPA, 1999). The PRAP, along with the final RI and FS, are to be made available to the public for review and comment for at least 30 days before the final selection of a remedy. At the same time, the PRAP is sent via e-mail to appropriate local Native American tribes for review and comment.

3.6.2 Record of Decision

Comments received from the public will be evaluated and presented with responses in a Record of Decision (ROD). The purpose of the ROD is to document the selection of the RA to be implemented. The ROD is a legal document that certifies that the remedy selection process was performed in accordance with CERCLA requirements. The ROD also serves as a technical document that summarizes the information presented in the RI and FS, provides sufficient information to support a conceptual design

of the final remedy, and defines the remedial action objectives and cleanup levels to be achieved (EPA, 1999). NASA and EPA, after consulting with DEQ and requesting concurrence, will jointly select the final remedy to be documented in the ROD. The final ROD will be made available to the public and a notice of its availability will be published.

3.6.3 Community Relations Plan

The requirements for a Community Relations Plan (CRP) for the FUDS are detailed in AAOC RCRA-03-2021-0022TH. NASA shall prepare a CRP for the FUDS at WFF in accordance with EPA guidance and Section 300.430(c) of the NCP. If requested by the EPA, NASA shall participate in community involvement activities including mass media and/or internet notifications, public meetings, and/or making technical expertise available for responding to community inquiries. NASA submitted a Draft Community Involvement Plan on January 31, 2022. EPA comments were received on April 4, 2022, and revisions are being completed by NASA.

3.7 REMEDIAL DESIGN/REMEDIAL ACTION

3.7.1 Remedial Design

After issuance of the ROD, a remedial design (RD) shall be prepared. The RD establishes the scope and character of the final remedy and provides the technical details and requirements, including construction and technical specifications and schedules, for implementing the remedy. The RD must clearly define how the remedial action objectives and goals defined in the ROD will be achieved (EPA, 1995; EPA, 1995a).

An EPA-approved RD work plan is required for the preparation of a RD. The RD work plan shall clearly state the remedial action objectives and goals presented in the ROD, define the RA to be implemented, and provide the rationale or basis for the design of the remedy. The RD work plan will be submitted to DEQ for review and concurrence. The work plan will include a listing of deliverables to be provided as part of the RD and a schedule for completion of the RD.

The RD must be approved by EPA before it is implemented.

3.7.2 Remedial Action

Remedial action (RA) is the implementation of the RD. Before the RD is implemented, a RA work plan must be prepared and submitted to EPA for review and approval and DEQ for review and concurrence.

The RA work plan should include a management plan, reference the RD, identify the means and methods to be used in implementing the RD, and present schedules for completion of the action. A RA HASP shall also be prepared concurrent to the RA work plan.

The RA will be implemented in accordance with the EPA-approved RA work plan.

3.7.3 Remedial Action Completion

A remedial action completion (RAC) report will be prepared after the complete implementation of the RA. The RAC report will be submitted to EPA for review and approval and DEQ for review and concurrence. The RAC report shall be prepared after the physical construction of the RA or implementation of the RA is complete. The report shall describe the activities performed during the implementation, provide actual specifications for components of the implemented remedy, and present an initial assessment of the RA performance. The purpose of the RAC report is to provide sufficient detail to document that the implemented remedy is consistent with the EPA-approved RD and the requirements set forth in the ROD, and to support the preparation of long-term monitoring (LTM) and operation and maintenance (O&M) plans.

3.7.4 Remedial Action Monitoring and O&M Plans

Remedial action monitoring and O&M plans for measuring the effectiveness of and maintaining the components of the RA must be prepared and submitted, where appropriate, to EPA for review and approval and to DEQ for review and concurrence.

LTM plans shall state the remedial action objectives and goals, present the methods to be used in monitoring the performance of the RA, establish schedules for conducting the monitoring, define the criteria that will be used in determining the effectiveness of the remedy and for determining when the remediation goals have been achieved (decision criteria), and outline the reporting components that will be included in the RA assessment report (EPA, 2004).

The O&M plan is required to define what measures are necessary to ensure that the remedy remains protective of human health and the environment. The plan should define the administrative and technical details and requirements for inspecting, operating and maintaining the RA (EPA, 2001).

3.7.5 Remedial Action Assessment Reports

RA assessment reports provide a means to determine if the RA is performing in accordance with the requirements of the ROD and for determining when the cleanup goals have been achieved. RA assessment reports will be submitted to EPA for review and approval and DEQ for review and concurrence in accordance with the requirements of the LTM plan. The RA report will present the results and activities generated from the implementation of the monitoring and O&M plans and may be used to propose modifications to those plans (EPA, 2004).

3.7.6 Five-Year Review Reports

No later than five years after the commencement of the RA and every five years thereafter until a Certificate of Completion is issued by EPA, a Five-Year Review Report will be submitted to EPA for review and approval and DEQ for review and concurrence. The purpose of the Five-Year Review Report is to present an evaluation of the past and projected effectiveness of the RA in attaining the performance criteria defined in the RD and to determine whether or not it remains protective of human health and the environment. The five-year review should include a review of the remedial action objectives and cleanup goals, the RAC report, past RA assessment reports and O&M records, a site inspection, interviews, and an evaluation of the validity of the cleanup goals and the effectiveness of the remedy in meeting those goals and the objectives stated in the ROD (EPA, 2001a). The Five-Year Review report may also be the basis for recommending modifications or changes to the selected remedy or for proposing an alternative remedy (U.S. EPA Docket Number: RCRA-03-2004-0201TH).

3.8 CERTIFICATE OF COMPLETION

When NASA performs an RA and attains the media cleanup standards and remedial action objectives described in the ROD and no remedial action monitoring and/or operation and maintenance are required, NASA will include in the Remedial Action Completion Report (RACR) a request for a Certificate of Completion. The RACR shall provide documentation sufficient to support a determination that media cleanup standards and remedial action objectives have been attained and include all available documentation supporting such a determination. In this case, upon approval of the RACR, the EPA shall issue a Certificate of Completion for the site.

When NASA has fully performed an RA that includes remedial action monitoring and/or operation and maintenance and the media cleanup standards and remedial action objectives described in the ROD have been attained, NASA shall submit a Site Close-Out Report for all RAs to EPA for approval. The Site Close-Out Report shall provide documentation sufficient to support a determination that media cleanup

standards and remedial action objectives have been attained and remedial action monitoring and/or operation and maintenance plans are in place and will include all available documentation supporting such a determination. Upon approval of the Site Close-Out Report, the EPA shall issue a Certificate of Completion for the site.

3.9 SCHEDULES

The AAOCs require that this SMP provide a schedule of activities to be completed over the next two Federal Fiscal Years (October 1 through September 30) and that those schedules be updated on an annual basis. The AAOCs also define specific time-frames (durations) for the preparation and submittal of specific deliverables to be produced as part of the Work to Be Performed. This section discusses the AAOC specified requirements (where the requirements are different between AAOCs, this is pointed out) and general schedule assumptions, discusses how the site-specific schedules were developed and how they are to be revised, and addresses the requirement for preparing updates to this SMP. The site specific schedules for projects under AAOC RCRA-03-2004-0201TH are included in Section 5.0; site-specific schedules for projects under AAOC RCRA-03-2021-0022TH are included in Section 6.0.

3.9.1 Schedule Development

3.9.1.1 Durations Specified in AAOCs

Early Action Work Plans

AAOC RCRA-03-2004-0201TH dictates specific durations for the preparation of Early Action (EA) work plans and for responding to EPA comments on report submissions. The durations required for these activities/deliverables are discussed below. AAOC RCRA-03-2021-0022TH does not include these requirements.

The duration for preparing work plans for EAs is specified in Section VI.B of the AAOC. In general, two different durations, depending on how the need for the EA is identified, are specified in the AAOC. If NASA or EPA identify the need for an EA based on the review of this SMP, an EA work plan is to be prepared and submitted within 45 days of EPA approval or concurrence that an EA is appropriate (U.S. EPA Docket Number: RCRA-03-2004-0201TH). As presented in Sections 2.0 and 4.0 of this SMP, NASA has completed EPA-approved removal actions at several sites at WFF. These same sections also present a review of current site conditions and planned activities. Based on the current site conditions, NASA does not propose to conduct any EAs at this time.

If EPA notifies NASA that an EA is warranted due to a new release at WFF, or if EPA and NASA concur that an EA is an appropriate response action for a site condition not identified through a review of the SMP, the work plan for the EA is to be prepared and submitted within 30 days (U.S. EPA Docket Number: RCRA-03-2004-0201TH).

Response to EPA Comments and Finalizing Report Submissions

Section VI.H.2 of the AAOC specifies the time frame for responding to EPA comments on documents and for submitting revised and/or final documents (U.S. EPA Docket Number: RCRA-03-2004-0201TH). The duration for responding to comments on EA work plans is different from that required for all other documents. Response to EPA comments on an EA work plan are due, along with a revised submittal, within 15 days of receipt of the comments. Responses and a revised submittal for all other documents are due within 45 days of receipt of EPA comments.

In accordance with Section XXIII of the AAOC, the EPA and NASA Project Coordinators have agreed to modify this scheduling requirement to reduce the potential number of submittals. The Project Coordinators have agreed that response to comments and proposed revisions to a submittal should be submitted for review, discussion, and/or approval prior to the preparation of a revised submittal. The response to comment document is to be submitted in accordance with the time frames designated in the AAOC but the revised submittal will not be prepared and submitted for approval until resolution of all comments has been reached and documented. For planning and scheduling purposes, it has been agreed that revised/final submittals are due 30 calendar days after resolution of comments.

A report is not considered final until EPA issues an approval of the revised submittal. If EPA issues a notification that the revised submittal is deficient and issues a disapproval, a revised submittal conforming to the EPA requirements is due within 30 days of receipt of the notification (U.S. EPA Docket Number: RCRA-03-2004-0201TH).

Emergency Removal Actions

AAOC RCRA-03-2021-0022TH requires a written notice to be transmitted to EPA within forty-eight (48) hours after NASA determines that an emergency removal action is necessary. Within seven (7) days after initiating an emergency removal action, NASA shall provide EPA with the written basis (factual, technical and scientific) for such action and any available documents supporting such action. Upon completion of an emergency removal action, NASA shall state whether, and to what extent, the emergency removal action varied from the description of the action in the written notice provided pursuant to this Section. Within sixty (60) days of completion of an emergency removal action, NASA will furnish EPA with a

Removal Action Memorandum addressing the information provided in the written notification, whether and to what extent the action varied from the description previously provided, and any other information required by CERCLA or the NCP, and in accordance with EPA guidance for such actions.

3.9.1.2 General Assumptions and Other Durations Used in Developing Project Schedules

In order to develop site-specific schedules that extend over a two-Fiscal Year period the EPA and NASA Project Coordinators have agreed to adopt other general assumptions regarding the duration for the performance of activities and the preparation of other deliverables. The major assumptions that are to be used in developing site-specific schedules are discussed below.

EPA Review Periods

A duration of 60 calendar days for EPA and DEQ review of initial project deliverables is to be used in developing the schedules.

Comment Resolution

It should be assumed that comment resolution will be reached 30 calendar days after submittal of response to comments (see Section 5.1.1).

EPA Approval Periods

A duration of 30 calendar days for receipt of EPA approval and DEQ concurrence after submission of a revised deliverable should be used in developing the schedules.

Initiation and Performance of Field Work

It should be assumed that field work would commence 30 calendar days after receipt of EPA approval of a work plan. Site-specific information, when available, should be used to develop field schedules. When site-specific information is not available it should be assumed that Site Screening Process (SSP) field activities will require 21 calendar days for completion and RI field activities will require 42 calendar days to complete. Other field activities should be developed based on site-specific information or assumptions.

Submission of Draft Reports Resulting from Field Activities

It should be assumed that reports generated from a SSP activity will be submitted 120 days after completion of field work. One hundred eighty calendar days should be assumed for the preparation of a draft RI report.

Submission of FS and Decision-Related Documents

It should be assumed that a draft FS will be submitted 150 calendar days after approval of the final RI report. The schedule duration for the preparation and submittal of the draft PRAP should be assumed to be 60 calendar days after receipt of EPA approval of the final FS. Similarly, the submittal date for the submission of a draft ROD is assumed to be 60 calendar days after the close of the public comment period.

Remedial Design-Related Documents

A period of 90 calendar days from the issuance of the final ROD was assumed for the preparation and submittal of a RD work plan. It should be assumed that the draft design document will be submitted 180 calendar days after approval of the final RD work plan.

Remedial Action-Related Documents

It should be assumed that a RA work plan will be submitted within 120 calendar days after approval of the final design. The duration required to implement and/or construct remedies can vary widely according to the media being addressed and the type of remedy selected. Because of the potential for this wide variation no general assumptions regarding durations for the implementation of RAs or reporting have been made.

3.9.1.3 Schedule Modifications

As stated above, site-specific project schedules are presented in Sections 5.0 and 6.0. Working schedules to be used as a management tool for use in day-to-day management and tracking of site progress are made available to the Project Team at project meetings and are used for the preparation of progress reports. NASA and EPA recognize that project schedules may require modification and revision as work proceeds and allows that they may be modified by mutual agreement between the EPA and NASA Project Coordinators. In order to avoid potential stipulated penalties, an agreement to modify a

schedule date should be in place before the effected schedule date or duration. The NASA Project Coordinator will notify the EPA Project Coordinator and request a schedule modification as soon as practical after learning of a potential schedule impact.

4.0 FACILITY BACKGROUND AND ENVIRONMENTAL HISTORY

The NASA WFF is located in Accomack County, Virginia and consists of three land parcels: Main Base (MB), Mainland (ML) and Wallops Island (WI). The MB is composed of approximately 2,000 acres and is located near the intersection of Virginia Routes 798 and 175, see Figures 4-1 and 4-2. The ML is located about 6 miles to the south of the MB on Virginia Route 679 and consists of 1,207 acres containing about 100 acres of usable land (the remaining acreage is marshland). The ML parcel is connected to the WI parcel by a causeway constructed in 1960. The WI parcel, a barrier island, is about 7 miles long and consists of about 3,395 acres (Figures 4-3 and 4-4).

4.1 FACILITY DESCRIPTION

The MB is the most heavily developed of the parcels that comprise the NASA WFF. The MB includes NASA administrative and technical offices, tracking and data acquisition components, the range control center, rocket motor storage and processing facilities, research and development facilities, an airfield and control tower, aircraft hangars, and maintenance facilities. The MB also supports tenant organizations including the U.S. Navy (Navy), who maintains a Naval Surface Combat Systems Center, engineering training center, and housing operations; National Oceanic and Atmospheric Administration (NOAA), who maintains satellite antennae and data acquisition operations; and the Mid-Atlantic Regional Space Port (MARS), who maintain an office complex at the MB. The Town of Chincoteague, Virginia is located about 5 miles to the east of the MB.

The MB is bordered to the east by extensive marshland and creeks that drain to the Chincoteague Bay and inlet. Little Mosquito Creek, which eventually also flows east into the inlet and to the Atlantic Ocean, borders the MB to the north and west. State Routes 175 and 798 form the southern and southeastern borders of the facility (see Figure 4-2). The runway complex covers a large portion of the MB and forms a flat plateau-like feature that covers the majority of the highest elevations at MB. Surface water drainage from the MB is through natural and man-made drainage structures. Drainage within the industrialized portions of the MB is controlled and diverted by stormwater collection and conveyance systems. In addition, portions of the base have been isolated from surface water drainage areas by the formation of berms and higher elevation structures. The natural drainage patterns for the southwestern, western, and northern portions of the MB are to Mosquito Creek and its tributaries. The eastern, southeastern, and southern portions of the MB drain to a series of marshlands, creeks, and bays that lead to Chincoteague Bay and the Atlantic Ocean.

In general, groundwater beneath NASA WFF occurs within two water-bearing units or formations, the Columbia and the Yorktown aquifers. The Columbia is an unconfined aquifer that extends to a depth of about 60 feet below the ground surface. The Columbia is underlain by a 20 to 40 feet thick clay aquitard that isolates the Columbia from the underlying Yorktown aquifer. Groundwater beneath the MB serves as the source of drinking and process water for NASA and tenant organizations as well as the Town of Chincoteague. NASA operates and maintains a permitted water supply system that includes three active wells located across the center portion of the MB, see Figure 4-2. NOAA maintained a single potable water supply well, drilled into the Yorktown formation, until 2005 when the well was taken out of service and the facility connected to the NASA water supply system. NOAA currently operates two supply wells, drilled into the Yorktown formation, that provide non-potable water for their cooling tower operation. The Town of Chincoteague maintains seven water supply wells located on WFF property along the eastern boundary of the MB. NASA supply wells withdraw water from the Yorktown Aquifer at depths that range from 100 to 260 feet below ground surface. Five of the Town of Chincoteague wells also are completed within the Yorktown Aquifer and withdraw water from depths that range from 96 to 256 feet below ground surface. Three of the Town of Chincoteague wells are completed within the Columbia Aquifer at depths of 40 to 60 feet below ground surface.

The ML is located along the Virginia Inside Passage and borders Hog Creek, which drains the ML. The primary function of the ML is to provide access to WI. A controlled access causeway, extending from the ML over Hog Creek and its marshlands, is the only vehicular access route to the WI parcel, see Figure 4-3. NASA maintains guard houses and limited radar and optical tracking stations on the ML. The ML also provides all drinking and process water for WI. NASA operates and maintains two drinking water supply wells on the ML, see Figure 4-4. The drinking water wells withdraw water from the Yorktown aquifer at depths of 195 to 255 feet below the ground surface. In September 2006, NASA abandoned two former fire protection water supply wells (U51 and U52) located on the ML.

WI is located immediately east of the ML and is accessed by the causeway leading from the ML. NASA maintains launch, launch support and research, and tracking facilities on WI. NASA also maintains emergency services on the island. The Navy, as a tenant, operates and maintains training, research and development, and launch facilities on WI. Mid-Atlantic Regional Space Port operates two launch facilities located on WI. The primary drainage from the island is to the west to Hog Creek and its tributaries which flow to Bogues Bay, and finally to the Atlantic Ocean. Drainage from the eastern coastline portion of the island is directly to the Atlantic Ocean. There are no groundwater supply wells located on WI.

4.1.1 Facility History

NASA, and its predecessor organization National Advisory Committee for Aeronautics (NACA), have had a presence at WFF since 1945. The NACA established a presence on the southern portion of Wallops Island in 1945 and launched its first rocket in that year. In 1946 the NACA constructed launch and radar support and experimental facilities. Access to the island at that time was by water vessel only. Operations by NACA at WFF were limited to these test facilities until 1959 (Occu-Health, 1999).

NASA was officially created by the U. S. government in 1958. At that time the NACA was absorbed into NASA. In 1959, NASA expanded its presence at WFF with the lease of the MB from the U.S. Navy on June 30, 1959 and the acquisition of the ML parcel. NASA formally acquired the MB from the U.S. Navy on December 1, 1961. The Navy operated the Chincoteague Naval Auxiliary Air Station at the MB from 1942 until 1959 when NASA acquired the facility. The Navy took control of the MB property in 1942 and in 1943 constructed runways, buildings, and other support facilities for naval aviation and aviation ordnance testing and training. The Navy conducted pilot training and aviation and ordnance testing at the facility until the base was closed in 1959 [(Occu-Health, 1999) and (USACE, 2000)].

NASA continues to maintain the runways constructed at the facility by the Navy and occupies many of the structures and buildings that were present at the time of the property transfer. In addition, NASA has expanded and constructed additional buildings within the WFF area to support their mission and to provide support to other tenant organizations. NASA constructed the causeway that connects the ML to the WI parcel in 1960. The mission of NASA's WFF has undergone several changes since it was established in 1959, but the main focus has been and continues to be rocket research, the management of suborbital projects, suborbital and orbital tracking, aeronautical research, and space technology research. NASA does not manufacture rockets or rocket fuels/propellants at WFF. Rocket motors are transported to the facility from other facilities.

4.2 ENVIRONMENTAL INVESTIGATION HISTORY

Formal environmental investigations on a facility-wide basis began in 1988 with the initiation of an environmental site survey and Preliminary Assessment (PA) and continue today as an active program with EPA and DEQ providing oversight. Under this program, NASA has established an Administrative Record (AR) for the facility that contains CERCLA and environmental restoration program related documents. A copy of the AR index of documents, updated in February 2024, is presented in Appendix A. NASA continues to maintain and update the AR as documents are generated.

A series of facility-wide surveys, assessments, and inspections were performed by NASA between 1988 and 1996. The purpose of these investigations was to assess the site conditions and identify AOCs that may pose a potential threat to human health or the environment through a release of hazardous materials or substances. The primary documents that were prepared as a result of these investigations included a PA (NASA, 1988) and a series of Site Inspections (SIs) that included records reviews, site surveys, soil gas analysis, geophysical investigations, monitoring well installation and media sampling and analysis (Ebasco, 1990; Metcalf & Eddy, 1992; Metcalf & Eddy, 1996).

In addition to NASA environmental programs at WFF, the U.S. Army Corps of Engineers (USACE) had an active environmental program at WFF. As indicated in Section 3.1.1, NASA acquired the property from the Navy in 1959. Prior to NASA operations, the Navy operated an aviation training facility at the MB for approximately 17 years. Some of the AOCs identified in the initial surveys were identified as being associated with activities that solely took place prior to NASA presence. Because of this finding, the USACE, in consultation with NASA and EPA, conducted a series of assessments and investigations to determine responsibility and eligibility for these AOCs under the FUDS program. A FUDS is property that was under the jurisdiction, owned, leased, or otherwise possessed by the Department of Defense (DOD) at the time of actions leading to contamination by hazardous substances. The FUDS program is limited to those real properties that were transferred from DOD control prior to October 17, 1986. The DOD delegated the responsibility to carry out the FUDS Program to the United States Army Corps in the DERP. The primary USACE documents that presented the findings of these assessments include a Site Characterization Report, Site Investigation Report, and Desk Top Audit and Site Screening Process Report (USACE, 1999; USACE, 2003; USACE, 2003a). In addition to these reports, the USACE and the EPA each completed aerial photographic analysis of the facility. The purpose of the analysis was to review historical and current aerial photographic images along with facility environmental documents to evaluate the characteristics of known AOCs and to identify other potential AOCs (USACE, 2000; EPA, 1996; EPA, 2004).

Twenty-four AOCs were identified as a result of these assessments. NASA, in consultation with the EPA, DEQ, and USACE, prioritized activities at these AOCs and since 1992 actions have been pursued on individual tracks based on the priority and potential hazard identified at each AOC.

In addition to the above facility-wide assessments, NASA funded the USACE (St. Louis District) to conduct an Archive Search Report (ASR) for the facility. The purpose of the ASR is to identify areas of possible concern resulting from past Navy operations from 1942 through 1959 and to evaluate the possible presence of munitions and explosive of concern (MEC) at WFF. The ASR includes a review of historical records available through the DOD, a review of historical aerial photographs, interviews with former DOD employees, and a series of site reconnaissance. The ASR was initiated in March 2005 and

the final ASR was submitted to EPA and DEQ for review on October 20, 2005 (USACE, 2005). The results of the assessment were reviewed by the Project Team and in the second quarter of FY 2007 it was agreed that a number of potential areas should be referred to the USACE for consideration under the FUDS program and no new NASA AOCs were identified. However, based on some uncertainty regarding the final close-out of several petroleum and/or polychlorinated biphenyl (PCB) related components, NASA proposed to conduct focused investigations and sampling studies at six former storage/operational areas. NASA completed the investigations in late FY 2007. Samples were collected from four of the areas to assess the presence or absence of an evidence of release. Samples were not collected from the other two areas because historical information did not indicate the use of potentially hazardous substances at either and the exact locations of the operations could not be field verified. The analytical results and investigation findings were presented to the Project Team for discussion in June 2008. Based on a review of the findings a No Further Action Decision was agreed to for four of the sites and a No Further Action Decision Document was finalized in March 2009 and signed on June 18, 2009 (NASA, 2009). The other two sites, including potential sub areas of concern identified during the investigation, were referred to the USACE for investigation under the FUDS program.

In FY 2006, to further supplement the facility-wide assessments discussed above, NASA initiated a second ASR focusing on operations post-1959 activities. The supplemental, or Phase II ASR, was also conducted by the USACE St. Louis District and evaluated operations conducted at WFF during the early years of NASA operations as well as operations conducted by other Federal Agencies under existing tenant agreements. The ASR records and field investigation were conducted in FY 2007 and FY 2008. A draft report presenting the findings of the review was released during the second quarter of FY 2009. However, because the USACE also was conducting a facility-wide assessment the report was not finalized under the NASA agreement. The draft report was submitted to the USACE, EPA and DEQ for review to support the ongoing USACE investigation and to be used to support reaching a consensus on the identification of any additional potential AOCs. Based on the review it was determined that no new NASA AOCs were identified. However, the report did identify a number of potential FUDS program areas of concern that were referred to the USACE.

One additional AOC, referred to as the South End Disposal Area (SEDA), was identified by NASA as part of the ongoing environmental management program. The site was discovered in late 2009 after a series of severe storms caused significant erosion of the beach along the southern end of Wallops Island. The erosion exposed several military grade munitions. NASA secured the area and an Air Force Explosive Ordnance Disposal (EOD) unit from Dover Air Force Base responded and treated the munitions on site. The EOD unit identified the munitions as 3.5-inch M28 and M29 Rockets. Because of their unknown source and the possible presence of additional munitions, NASA maintained temporary fencing along the southern end of the island and restricted access to the area of concern. In addition, NASA-trained

security personnel conducted visual inspections of the area after subsequent storms. Additional MEC, including what appeared to be possible NASA originated rocket motors, were identified after several severe 2009-2010 winter storms. The material was also treated by the Air Force EOD Unit from Dover, Delaware.

During FY 2009, NASA identified contamination at the Skeet Range, which, along with the Pistol and Rifle Range, is part of the Main Base Firing Range (MBFR). Concurrent with these activities NASA initiated a review of historical site use to determine if NASA funds could be used to conduct the removal or if the Skeet Range should be referred to the FUDS program. As a result of this evaluation, the USACE acknowledged responsibility for the Former Skeet Range as a FUDS. The Pistol and Rifle Range was closed when NASA, EPA, and DEQ signed a No Further Action (NFA) Consensus Statement on March 21, 2017. Although it is not officially listed as an AOC, environmental activities at the Skeet Range continue.

During FY 2010, NASA initiated an assessment of historical records and aerial photographs of the area of concern to determine its past use and to identify possible sources of the MEC. As a result of the initial findings, NASA concluded that development of the southern end of Wallops Island and possible placement of MEC at the SEDA likely occurred during NASA ownership/management of Wallops Island. The initial site discovery and the results of the historical records review were reported to EPA and DEQ, and the SEDA was identified as an additional AOC to be tracked under this SMP.

Two additional AOCs related to transformers left in place when the Navy ceased operations on Wallops Island were added during FY 2014. These AOCs were identified as Areas of Interest (AI) under the FUDS Program. The two AOCs have been referred to as the AI-20 Transformer and the North Island Transformers. The AI-20 Transformer Site was initially investigated by USACE and found to consist of a pole-mounted transformer. Sampling and analysis of soils at the base of the pole revealed high levels of PCB, indicating that the transformer had likely leaked fluid. The North Island Transformer Site consists of 17 other poles that were part of the electrical system used during Navy operations on the north end of Wallops Island. The poles were identified on a historical facility map. Follow-up investigations of AI-20 or the North Island Transformers were not conducted by the USACE. In FY2014, NASA decided to assume responsibility for further investigation and actions for both AOCs.

In FY 2014, NASA reached agreement with the USACE that NASA would take responsibility for further assessment, and investigation if warranted, of sixty-three (63) structures (buildings, tanks, substructures, pipe stands, etc.) identified as potential sites under the FUDS program (see Appendix B *Former Navy Sites For Review*). NASA, in conjunction with EPA and DEQ, initiated the screening assessment of these potential sites in late FY 2014. The initial screening of these potential sites was completed in FY 2015

and in FY 2016 EPA, DEQ, and NASA reached a consensus that, with the exception of three structures, the areas of concern were not sites. A Concurrence Statement documenting No Further Action or assessment for 60 of the sites and requiring further assessment for structures F-10A/F-10B (Paint Locker and Battery Shop), and N-166 (Alcohol Storage Building) was signed December 8, 2015 (Tetra Tech, 2015L).

In FY 2015, NASA and DOD, through the Department of the Army, negotiated and signed a MOA delegating CERCLA response action authority for the FUDS program at NASA WFF to NASA (NASA, 2015). The MOA lists the FUDS identified at that time and establishes a process for evaluating and identifying additional sites as appropriate. The full listing of the FUDS identified in the MOA is presented in Appendix C and addressed in Section 6.0.

In FY 2016, NASA agreed to conduct further investigations of an area referred to as the Former Circular Area (FCA) located in the wetland/marsh area on the east side of the facility. A Site Investigation is currently being conducted at the FCA, but it is not considered an AOC.

In FY 2017 and 2018, NASA initiated a per- and polyfluorinated alkyl substances (PFAS) sampling program, including the WFF, Town of Chincoteague, and Trails End Utility Commission drinking water systems, newly-installed perimeter wells, temporary on-site wells, and existing site monitoring wells. In FY 2019, NASA conducted a PFAS Site Investigation on the Main Base, including sampling of groundwater, soil, surface water, sediment, and wastewater. In FY 2022, NASA conducted a PFAS Site Investigation of Wallops Island including sampling of the same media. In 2023, NASA and EPA agreed to conduct the future PFAS environmental restoration projects under 4 OUs: Main Base North, Main Base East, Main Base Central, and Wallops Island. Activities outside of these OUs, or that include multiple OUs, are currently conducted under a general PFAS Task Order; these include operation and sampling of the Town of Chincoteague (TOC) potable water system, monthly drinking water sampling, quarterly groundwater and surface water sampling, treatability system operation and reporting, and annual reporting. In November 2023, field activities began for Phase 1 PFAS RIs that are being conducted at Main Base East, Wallops Island, and Main Base North in this FY. PFAS sites at WFF are being addressed under RCRA-03-2004-0201TH.

One additional site, the South Wallops Island Perchlorate , is being added to this SMP as an AOC. NASA has used the Open Burn Area, located on the south end of Wallops Island adjacent to the former SEDA, since 1972 as the preferred method of treatment for waste rocket motors and igniters. Through sampling associated with an active RCRA Part B permit at this site, perchlorate has been identified in soil and groundwater. In accordance with the Permit, an Open Burn Area Perchlorate Investigation was completed and an Alternate Source Report for the Perchlorate Investigation at monitoring well MW02 was

submitted to DEQ on July 29, 2020. The investigation found perchlorate above screening levels in sampling location DP06 and exceedances of the groundwater protection standard (GPS) in two monitoring wells. NASA proposed that further investigations and remedial/removal actions recommended in the report be performed under this AAOC with the EPA and with oversight by the DEQ Federal Facility Restoration Program. DEQ accepted this approach in a letter dated September 11, 2020. Permit compliance monitoring will remain with the DEQ Office of Financial Responsibility and Waste Programs. A Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for the site was submitted on January 27, 2022.

In January 2021, EPA and NASA designated 9 of these AOCs/sites as Operable Units (OUs); in November 2023, OUs 10 through 13 were added as the PFAS investigations progressed:

OU#	SITE NAME
1	Scrapyard Site N-222
2	Former Fire Training Area
3	Waste Oil Dump
4	Site 9 Abandoned Drum Dump
5	Site 14 and 15 Debris Piles
6	Old Wastewater Treatment Plant (WWTP)
7	Construction Debris Landfill
8	Skeet Range
9	Boat Basin and Visitor's Center
10	PFAS Main Base East
11	PFAS Main Base North
12	PFAS Main Base Central
13	PFAS Wallops Island

It should be noted that as additional AOCs/sites continue through the investigation process, additional OUs may be designated.

4.3 CURRENT STATUS OF AOCs

With the addition of the PFAS OUs. 34 AOCs/OUs and additional sites (Skeet Range, FCA, PFAS Sampling, and South Wallops Island Perchlorate) have been identified at the NASA WFF as a result of a series of assessments conducted under the oversight of EPA and DEQ. NASA has coordinated activities at these 34 AOCs/OUs and additional sites with EPA and DEQ and has taken actions to address potential risks, on a priority basis, under the appropriate environmental and regulatory programs. Actions conducted at the AOCs/OUs include supplemental investigations, sampling programs, removals, product

recovery, RIs, FSs, remediation, and closeout. The current status of the AOCs/OUs is summarized in Table 4-1. The locations of the sites listed above are shown in Figures 4-5 through 4-13.

Of these AOCs/OUs and additional sites, 28 have been/are being addressed under RCRA-03-2004-0201TH and are detailed in Section 5.0; a Summary of Findings table for each site that was not deferred to the underground storage tank (UST) program or closed out separately from either AAOC, is also referenced below:

- Maintenance Facility, AOC 2, closed (Table 4-2)
- Debris Pile, AOC 4, closed (Table 4-3)
- Paint Stain, AOC 5, closed (Table 4-4)
- Former Island Fueling System, AOC 6, deferred to UST Program
- Transformer Pads, AOC 7, closed (Table 4-5)
- Former Main Base Fueling System, AOC 8, deferred to UST Program
- Advanced Data Acquisition Support Facility, AOC 10, closed under CERCLA
- Transformer Storage Area, AOC 11, closed (Table 4-6)
- Former Wind Tunnel, AOC 12, closed (Table 4-7)
- Waste Oil Dump, OU 3 (Table 4-8)
- Old Aviation Fuel Tank Farm, deferred to UST Program
- Scrapyard, Building N-222, OU 1, closed (Table 4-9)
- PCB Transformer Pad, closed under TSCA/CERCLA
- Photographic Tank, closed (Table 4-10)
- Former Fire Training Area, OU 2 (Table 4-11)
- Industrial/Sanitary Landfill, closed under FUDS
- Pistol/Rifle Range, closed (Table 4-12)
- SEDA, closed (Table 4-13)
- Area of Interest – 20, closed (Table 4-14)
- North Island Transformers, closed (Table 4-15)
- F-10A/F10B – Paint Locker and Battery Shop (Table 4-16)
- N-166 Alcohol Storage Building (Table 4-17)
- FCA (Table 4-18)
- PFAS sampling (Table 4-19)
- PFAS Main Base East, OU 10 (Table 4-20)
- PFAS Main Base North, OU 11 (Table 4-21)
- PFAS Main Base Central, OU 12 (Table 4-22)
- PFAS Wallops Island, OU 13 (Table 4-23)

- South Wallops Island Perchlorate (Table 4-24)

Of the 34 AOCs/OUs and additional sites, eight are now being addressed under the FUDS program and RCRA-03-2021-0022TH (signed on January 12, 2021) and detailed in Section 6.0 and summarized in Table 4-25; in addition, for all FUDS sites listed as OUs, Summary of Findings tables are referenced below:

- Old WWTP, AOC 1, OU 6, FUDS Project 13 (Table 4-26)
- Two 600,000-gallon Fuel Tanks, AOC 3, FUDS Buildings A46-A and A46-B
- Abandoned Drum Dump, AOC 9, OU 4, FUDS Project 15 (Table 4-27)
- Ordnance Disposal Area (Boat Basin and Visitor's Center), AOC 13, OU 9, FUDS Project 7 (Table 4-28)
- Debris Pile, AOC 14, OU 5, FUDS Project 15 (Table 4-29)
- Debris Pile, AOC 15, OU 5, FUDS Project 15 (Table 4-29)
- Construction Debris Landfill, OU 7, FUDS Project 15 (Table 4-30)
- Skeet Range, OU 8, FUDS Project 9 (Table 4-31)

In addition to these FUDS, several other FUDS Projects identified by the USACE and NASA are addressed under RCRA-03-2021-0022TH and are discussed in Section 6.0 and summarized in Table 4-21:

- FUDS Project 3 – Gunboat Point, Strafing Target, and EOD Area
- FUDS Project 4 – Machine Gun and Rocket Firing Area
- FUDS Project 5 – Grebe Range and Explosive Ammunition Test Facility
- FUDS Project 6 – Wallops Island Naval Air Ordnance Training Station (NAOTS) Cantonment Area
- FUDS Project 8 – Boat Basin Area
- FUDS Project 10 – Practice Bombing Target
- FUDS Project 11 – Main Base Areas of Interest
- FUDS Project 12 – Petroleum, Oil, Lubricant (POL) Storage and Distribution
- FUDS Project 14 – Regulus Launch Area
- FUDS Project 15 – Active Remediation Projects (those not listed above: M Area Disturbed Soil, Runway 10/28 West End Disturbed Soil Site, Boat Basin Disturbed Soil Site, Airplane Parts Disposal Area, and Runway 04/22 North End Construction Debris Area)
- FUDS Project 17 – Potential Responsible Party (PRP) Main Base

As shown above and in Table 4-1, six AOCs were deferred to other programs (besides FUDS) or closed outside of these AAOCs. A description of each of these sites is provided below; summary of findings tables and schedules for these sites are not included in this SMP.

Former Island Fueling Station (Site 6)

Site 6 is the former location of a service station and associated petroleum storage tanks located in the central portion of WI, see Figure 4-6. The area was identified as an AOC as part of the PA/SI process (Metcalf & Eddy, 1996). All storage tanks, pumps and associated piping have been removed from the Site. NASA initiated actions at the Site under the Petroleum and UST Program administered by DEQ in 1992. NASA, EPA, and DEQ have reviewed records for the site and have concluded that the site is exempt from CERCLA and has deferred all actions to the UST program. This decision was documented in a Consensus Document signed by EPA, DEQ, and NASA in September 2004 (NASA, 2004a).

Former Main Base Fueling System (Site 8)

The Former Main Base Fueling System is located near the main gate of WFF on the MB and consists of the former location of a gasoline station, see Figure 4-5. The facility was identified as an AOC during the PA/SI process due to the presence of soil staining (Metcalf & Eddy, 1996). NASA initiated tank closure activities at the facility in 1990 under the UST program administered by DEQ. DEQ officially concurred with the closure of the Site in 1998 (NASA, 2004a). NASA conducted additional sampling at the facility in 2000 to confirm the closure and DEQ concurred with the findings. NASA, EPA, and DEQ have reviewed records for the Site and have concluded that the Site is exempt from CERCLA and have deferred all actions to the UST program. This decision was documented in a Consensus Document signed by EPA, DEQ, and NASA in September 2004 (NASA, 2004a).

Advanced Data Acquisition Support Facility (ADAS)

The ADAS Site is located in the southern portion of the Main Base area and consists of a dish antenna, its support structures, and the surrounding soils and groundwater, see Figure 4-5. The Site was identified as an AOC due to soil staining, the presence of drum storage areas, and anecdotal information regarding the possible previous spillage of hydraulic and cleaning fluids. A series of sampling investigations were conducted at the ADAS Site from 1993 through 2003 (Metcalf & Eddy, 1996; Versar, 2001a; TtNUS, 2003). NASA, EPA, and DEQ have reviewed the site documents and analytical results from site samples and have concluded that No Further Action is required at the ADAS Site. This decision was documented in a Decision Document signed by EPA, DEQ, and NASA in 2003 (TtNUS, 2003).

Old Aviation Fuel Tank Farm (AFTF)

The AFTF, located near the center of the MB and adjacent to the active runway, consisted of a fuel tank farm for the storage and distribution of fuels for airplanes and vehicles, see Figure 4-5. The facility was constructed and operated by the Navy and later used by NASA until 1982 when a new aviation fuel depot was constructed. Releases from the Site were identified in 1988 as part of the PA/SI process. Further sampling and analysis conducted at the site identified petroleum-related contamination present in soils and groundwater (Metcalf & Eddy, 1992). In 1991, all of the tanks, pumps, buildings, and 4,700 tons of petroleum-contaminated soil were removed from the AFTF Site. In addition, NASA reported the findings to the regulators and initiated actions under the Federal and State petroleum and UST programs. Actions have included the completion of site characterization studies and the design and implementation of Corrective Action Plans (CAPs). NASA is currently operating remediation systems and performing routine monitoring and reporting at the AFTF under the State UST programs. NASA, EPA, and DEQ have reviewed records for the Site and have concluded that the Site is exempt from CERCLA and have deferred all actions to the UST program. This decision was documented in a Consensus Document signed by EPA, DEQ, and NASA in September 2004 (NASA, 2004a).

PCB Transformer Pad (N-161C)

The N-161C Transformer Pad, located in the southern portion of the MB, was identified as an AOC during the PA/SI process because of visible staining under and around the transformer, see Figure 4-5. NASA replaced the transformer in 1990 and initiated a soil sampling and excavation program that resulted in the removal of PCB contaminated soils to regulatory requirements (TtNUS, 2003a). NASA, EPA, and DEQ have reviewed the site documents and analytical results from site samples and have concluded that No Further Action is required at the N-161C Transformer Site. This decision was documented in a Decision Document signed by EPA, DEQ, and NASA in 2003 (TtNUS, 2003a).

Industrial/Sanitary Landfill

The Industrial/Sanitary Landfill (also known as the Industrial Waste Landfill) is located south of the MB, see Figure 4-5. Historical records and photography indicate that this Site was used as a landfill/disposal area prior to NASA operations commencing in 1959. NASA did not use the area for any purpose and transferred the property to the U.S. Fish and Wildlife Service (USFWS) in July 1975. NASA, EPA, DEQ, and the USACE reviewed available records and concluded that the Industrial/Sanitary Landfill should be addressed through the FUDS program. This decision was documented in a Consensus Document signed by EPA, DEQ, and NASA in September 2004 (NASA, 2004). USACE conducted Limited Site Investigation in 2003, including geophysical surveys and sample collection. No evidence of buried waste or contamination was detected and the site was recommended for NFA. However, further review showed that the site had not been fully investigated. Therefore, additional test pitting and sampling was

conducted. Based on the lack of detectable constituents and the absence of waste debris confirmed, there was no evidence to suggest that this area was a former waste disposal area. No additional activities were determined to be necessary and the site was closed in February 2006. No NASA action is planned.

5.0 AAOC RCRA-03-2004-0201TH -- SITE DESCRIPTIONS, GROUPINGS, AND SCHEDULES

Section 5.0 of this SMP presents a summary of the current facility conditions, provides a brief summary of the AOCs, and identifies the sites addressed under AAOC RCRA-03-2004-0201TH. Those AOCs identified as being addressed under the FUDS program and AAOC RCRA-03-2021-0022TH, are addressed in Section 6.0. This section presents a brief overview of the response actions completed to date and outlines the work to be performed at each of the Sites. Tables 5-1 through 5-23 provide schedules for work completed and upcoming activities for these sites.

5.1 SITE DESCRIPTIONS

5.1.1 Maintenance Facility (Site 2)

Maintenance Facility (Site 2)

The Maintenance Facility (Building E-52 or Site 2) is located in the central portion of the MB, see Figure 4-5. Available information indicates that Site 2 was utilized by the Navy as a maintenance facility and motor pool. The former building was also used by NASA as a storage and maintenance area for landscaping contractors. The EPA conducted an aerial photographic study of the area that included the review of available photographs from 1938 through 1994 (EPA, 1996). The EPA study indicated that the Building E-52 area contained two horizontal tanks, soil staining and large areas of open storage in 1957. By 1967, the horizontal tanks and the majority of the materials previously visible in the storage yard were no longer present and much of the former storage yard was re-vegetated. Building E-52 was demolished by NASA in 1994. In 2003, NASA removed the Building E-52 cement slab and the tar and gravel parking lot and roadway to the west of the building and constructed a new parking lot and roadway in the area. There are no surface water bodies in close proximity to Site 2.

Building E-52 was designated as Site 2 during the PA/SI process conducted at WFF from 1988 through 1993. The PA/SI process consisted of a series of records reviews and soil gas surveys, a magnetometer survey, and the collection and analysis of surface and subsurface soil samples. Soil gas surveys were conducted in 1988, 1990, and 1993 (Metcalf & Eddy, 1996). The surveys were conducted around the perimeter of Building E-52, in areas identified as former drum storage and fuel tank locations, and throughout the open field surrounding the building. As a result of these surveys, two areas immediately north of Building E-52, between the building and a gravel access road and wash rack area, were identified as areas of concern. The highest soil gas readings [up to 289 parts per million (ppm)] were recorded in this area. In addition, a review of the soil gas results indicated the possible presence of

xylene isomers and tetrachloroethene (PCE) in the samples collected from this area (Metcalf & Eddy, 1996). The PA and SI reports indicate a former tank location and concrete pad, but do not indicate the presence of any tanks during the investigations. There are no tanks currently present at the Site and there are no records as to when the tanks were removed.

Surface and subsurface soil samples were collected at Site 2 between June 29 and August 12, 1993. Five surface soil samples were collected from areas of stained soil around the perimeter of Building E-52. Ten borings were advanced in the areas of the highest soil gas readings, the open field, and in the "tar and gravel" parking lot surrounding Building E-52. Ten subsurface soil samples, ranging in depth from 2.5 feet to 7 feet below ground surface, were collected from the borings. All of the soil samples were analyzed for target compound list (TCL) volatile and semi-volatile organics, pesticides and PCBs and target analyte list (TAL) metals. The analytical results were validated in accordance with EPA data validation guidelines (Metcalf & Eddy, 1996).

Surface soil results indicated the presence of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, petroleum hydrocarbons, and metals. PCBs and cyanide were not detected in any of the samples (Metcalf & Eddy, 1996).

Subsurface soil results indicated the presence of SVOCs, pesticides, petroleum hydrocarbons, and metals. During the field sampling, a subsurface stained layer was noted to the north, east, and south of Building E-52. The layer was reportedly approximately four feet thick and was first visible at approximately two feet below the surface. The stained layer was described as grey or black clay with a strong odor. Available information does not indicate what type of odor was apparent from the stained layer (Metcalf & Eddy, 1996).

The deepest contamination detected at the Site was approximately seven feet below the surface and groundwater is expected to be found at approximately twenty feet below the surface. No groundwater samples were collected from Site 2. The SI report recommended that no further action be conducted at the Site unless groundwater contamination was suspected (Metcalf & Eddy, 1996).

In 2003, NASA conducted an evaluation of the existing data and compared the available analytical results to EPA Region 3 industrial and residential Risk Based Concentrations (RBCs) and EPA Soil Screening Levels (SSLs) for the protection of groundwater. The maximum Site 2 concentrations for several pesticides and metals were found to exceed the screening criteria. Based on these findings and the past history of the Site, NASA, EPA, and DEQ concurred that additional investigations at Site 2 were warranted. Because the existing data was limited, it was determined that a Supplemental or Expanded SI should be conducted. A work plan for the investigation was finalized in 2004 and approved by EPA and

DEQ in 2005 (TtNUS, 2004f). The Expanded SI was conducted in 2005 and consisted of installing and sampling groundwater monitoring wells, and a phased sampling of surface and subsurface soils. The findings, including an evaluation of the nature and extent of contamination, possible sources, and an evaluation of potential human health and ecological risks, were presented in a series of interim and final reports issued in 2005 and 2006. The final Expanded SI Report was issued in August 2006 (TtNUS, 2006). NASA, EPA, and DEQ considered the contaminant levels, risk evaluations, and applicable regulations and reached a consensus that No Further Action was required for Site 2. This decision was documented in a Concurrence Statement issued with the Final Expanded SI Report in August 2006 (TtNUS, 2006). Table 5-1 reflects the completion of all planned activities for this Site.

5.1.2 Island Debris Pile (Site 4)

Site 4 is located in a remote area of WI and consists of a former debris pile/open dump containing debris, rubble, and general refuse, see Figure 4-6. Site 4 consists of a 400-foot long and 10 to 40-foot wide debris pile located in a heavily vegetated and isolated area of WI in close proximity to wetlands. The Site was assessed as part of a facility wide SI conducted in 1996 (Metcalf & Eddy, 1996). As indicated in Section 2.0, there are no groundwater supply wells on WI and drinking water is supplied from the ML.

Three surface and subsurface soil samples were collected from the site in 1996 (Metcalf & Eddy). The surface soils were analyzed for PCBs and the subsurface soils were analyzed for TCL organics, TAL metals, and Total Petroleum Hydrocarbons (TPH). In addition, one sample of material from the debris pile was analyzed for asbestos. The sample results were compared to background levels collected at the time of the inspection. SVOCs, metals, pesticides, and petroleum hydrocarbons (diesel fuel) were found to be above background levels in one or more samples. Asbestos was confirmed to be present in the one sample of debris collected.

Considering the general lack of available data and the site conditions, NASA, EPA and DEQ agreed in FY 2005 that further response actions were required to complete the evaluation of Site 4 risks (NASA, 2004c; NASA, 2004d). It was also agreed that prior to implementing a SI a detailed review of past ordnance-related activities should be performed (NASA, 2005). As indicated in Section 2.2, NASA funded the USACE to perform an ASR to investigate the possible use of the Site prior to 1959 and to identify the potential for ordnance or MEC at the Site. Information presented in the ASR indicated that unexploded ordnance (UXO) is not likely present at the Site (USACE, 2005). However, available information also indicated that the debris pile was in existence prior to 1959 and may have been used by the Navy for disposal of materials before the property was transferred to NASA (USACE, 2005; EPA, 2004). A subsequent inspection of the Site confirmed the presence of materials that may be indicative of the types of material used by the Navy, including film and creosote preserved poles, as well as other

materials including construction debris, metal and wood debris, automotive parts, and general discarded office and maintenance shop containers and supplies (NASA, 2004c; USACE, 2005). In 2006, NASA conducted a follow-up review of available NASA records regarding the possible use of the area and conducted a thorough visual investigation of the materials present at Site 4. In addition to confirming previous findings, this review also identified scrap items present at the Site that were associated with NASA-related activities (TtNUS, 2006b). Based on these findings it was determined that NASA would proceed with the required investigations at Site 4. In 2006, The Project Team reviewed the conceptual approach for conducting a best management practices (BMP) action at the Site and reached a consensus to implement the plan prior to conducting the SI (NASA, 2006). The Work plan for the BMP activities was finalized in September 2006 (URS, 2006). Waste characterization sampling was conducted in October 2006 and debris clearing as part of the BMP was conducted in February 2007. A summary of site findings was prepared and presented as an Appendix to a Draft SI Work Plan submitted in June 2007. The SI Work Plan was finalized in January 2008 and approved in March 2008 (TtNUS, 2008).

SI field investigations were conducted in April 2008. The initial sample results were shared with the Project Team in June 2008. Based on a review of the analytical results the Project Team agreed to conduct follow-up soil sampling to address any potential data gaps. The additional field investigation work was completed in July 2008 and the draft SI Report was submitted in December 2008. Regulator comments were received in February and resolved in March 2009. The final SI Report was issued and approved by the regulators in April 2009 (TtNUS, 2009). The SI findings were discussed with EPA and DEQ during the December 2008 Remedial Project Managers' meeting and it was tentatively agreed that NASA should consider pursuing a NTCRA for soils at the Site, targeting Polynuclear Aromatic Hydrocarbons (PAH) hotspot removal (NASA, 2008). Upon finalization of the SI, NASA prepared and submitted a Technical memorandum summarizing the SI report findings and proposing removal action cleanup goals (TtNUS, 2009j). The approach was discussed through several teleconferences with EPA and DEQ and a Draft EE/CA was prepared and submitted for regulator review in October 2009. Regulator comments were received in December and resolved in February 2010. The final EE/CA was issued in February 2010 and approved by regulators in March 2010 (TtNUS, 2010a). The recommended alternative selected in the EE/CA was Alternative 2 – excavation and offsite disposal.

A 30-day public review and comment period for the EE/CA was held from February 17 to March 17, 2010. No public comments were received during the public comment period. During the same period, an Action Memorandum (AM), which documents the decision of a NTCRA was developed and submitted for regulator review. The draft was submitted in January 2010 and regulator comments were received and resolved and the AM finalized after the close of the public comment period. The Final AM was signed by NASA in April 2010 (TtNUS, 2010b). Based on the selected alternative, a RAWP was developed. A draft RAWP was submitted for regulatory review in April 2010. Regulator comments were received in June

and were resolved in July 2010. A final RAWP was issued in July and approved in November 2010 (TtNUS, 2010c).

In accordance with the final RAWP, pre-construction sampling to confirm the excavation area and characterize the soils for disposal was conducted in August/September 2010. Results from the sampling event were summarized to the Team during the September 2010 RPM Meeting and presented in a RAWP Addendum (TtNUS, 2010). The removal action was implemented from January 2011 through April 2011. A draft Construction Completion Report, summarizing the removal actions and presenting recommendations for NFA, was prepared and submitted for regulator review in July 2011. Regulator comments were received in October and resolved in December 2011. A final Construction Completion Report was submitted in December 2011 and approved in January 2012 (Tetra Tech, 2011). NASA, DEQ and EPA reviewed the post-removal analytical results, contaminant levels and potential risks, and reached a consensus that No Further Action was required for Site 4. This decision was documented in a Concurrence Statement issued with the Final Construction Completion Report (Tetra Tech, 2011). Table 5-2 reflects the completion of all planned activities for this Site.

5.1.3 Paint Stain (Site 5)

Site 5 consists of soil contamination associated with the operation of a paint shop and spray booth located on WI, see Figure 4-6. Site 5 is located on WI immediately adjacent to wetlands and marshes. The Site consists of contamination associated with former painting operations and is collocated with Site 12 (Former Wind Tunnel). Surface and subsurface soil, groundwater, and sediment samples were collected at the site as part of the 1996 SI (Metcalf & Eddy, 1996). The samples were analyzed for TCL organics, TAL metals, and TPH. The analytical results indicated elevated levels of PCBs, SVOCs, and metals in surface soils and sediments.

A RI, under an EPA-approved work plan that combined the investigation with Site 12 activities, was initiated at Site 5 in 2001 (Versar, 2001). The purpose of the RI was to define the nature and extent of contamination and to support a decision regarding the need for and type of further remedial response actions. Additional groundwater, surface and subsurface soil, and sediment samples were collected and analyzed for TCL organics and TAL metals. Surface water and ecological tissue samples were also collected and analyzed. The initial results of the RI indicated that concentrations of PAHs exceeded EPA Region 3 RBCs for industrial receptors, the Site posed an unacceptable risk to human health, and levels of contamination in surface soils and sediments presented a potential risk to ecological receptors. In response to these findings NASA prepared and implemented an EPA-approved removal action work plan (RAWP) to address the immediate human health risks identified at Sites 5 and 12 (FWEC, 2003a). The removal action was implemented in 2003 and post removal samples were collected and presented in a

final RACR approved by EPA (FWEC, 2003). A total of 2,936 tons of soil were removed from the Site 5 and 12 area as part of the removal action.

Concurrent with implementation of the removal action, a work plan for additional RI activities at Sites 5 and 12 was prepared and approved by EPA (FWEC, 2003b). The additional investigations, including the collection and analysis of additional surface and subsurface soil samples, groundwater samples, surface water and sediment samples, and further ecological tissue sampling and analysis and soil and sediment toxicity testing, were initiated in 2003. Subsequent to these activities, it was determined that a former transformer pad located at the Site (Building X-115, see Site 7 discussions) contained PCB concentrations above current TSCA levels and may be a potential source of contamination at Site 5. EPA, DEQ, and NASA reviewed the data and site information and agreed that the former transformer pad should be addressed concurrent with and as part of the Site 5 and 12 RI (NASA 2004d). NASA prepared a work plan for further investigations of the pad and potential migration pathways, and submitted the work plan to EPA and DEQ in February 2005. The work plan was finalized in August 2005 and the additional sampling was completed in the fall of 2005 (Weiss and Associates, 2005). The analytical results and findings from the additional sampling effort, along with historical data, were presented in a draft RI report submitted in July 2006. Regulator review and resolution of comments extended into January 2008. A final RI Report was issued in February 2008 and a revised final RI Report was issued in June 2008, after incorporating revisions requested by the regulators (Weiss and Associates, 2008). The RI report identified metals, PAHs and PCBs in soils at levels that warrant further response actions.

In addition to the RI activities, the Project Team reviewed the current status of Building X-115 and determined that NASA could implement a partial removal at the Site under Toxic Substance Control Act (TSCA) regulations (NASA, 2006a). NASA finalized plans for the TSCA action in July 2007 (TtNUS, 2007e) and conducted, with EPA and DEQ concurrence, a removal of the concrete pad and surrounding soils in October 2007. Post-removal soil samples were collected, and the results were incorporated into the FS Report. A draft FS Report, evaluating remedial options to address potential human health and ecological risks associated with impacted soils at the Site, was submitted for EPA and DEQ review in early November 2008. Regulator comments were received in March and resolved in August 2009. The final FS report was issued and approved in September 2009 (TtNUS, 2009a). Based on the FS, NASA, EPA and DEQ identified excavation and offsite disposal as the likely preferred alternative. NASA prepared a draft PRAP proposing this alternative as the preferred remedy and submitted the draft document in September 2009 for EPA and DEQ review. Regulator comments were received in December 2009. Comment responses were submitted in January and all comments were resolved February 2010. The final PRAP was issued March 15, 2010 (TtNUS, 2010d). A public comment period on the proposed remedy was held from March 17 to April 19, 2010. No comments were received during the public comment period.

A draft ROD was prepared and submitted to the regulators for review on March 8, 2010. Regulator comments were received in May 2010. Regulator comments were discussed and resolved and a Draft Final ROD was issued for final review in early July 2010. Additional regulator comments were received in late July and were resolved in late August 2010. The final version of the ROD was signed by NASA on September 7, 2010 and concurred on by DEQ. However, additional comments from EPA were issued and the ROD underwent a series of editorial revisions from February 2011 through October 2011. A revised Final ROD was signed by NASA on October 28, 2011. DEQ concurred with the ROD on November 2, 2011 and EPA approved and signed the final ROD in December 2011 (NASA, 2011a).

Concurrent to finalizing the ROD, NASA initiated preparation of RD and RA Work Plans. A draft RD Work Plan, including Pre-Design Investigation Sampling and Analysis Plan, was prepared and submitted to the regulators for review December 14, 2011. Regulator comments were received and resolved in February 2012 and the final RD Work Plan was submitted in March 2012 (Tetra Tech, 2012i). The pre-design investigation wetland delineation, sampling and surveys were completed in March and April 2012. A draft Wetland Delineation Report was prepared and submitted to the regulators in May 2012. Comments were received and resolved between June and August 2012. The final Wetland Delineation Report was issued in September 2012 (Tetra Tech, 2012j). The pre-design sampling results were summarized and discussed with the regulators, and were presented in the draft RD/RA Work Plan submitted in September 2012. Regulator comments were received in December 2012 and resolved in January 2013, and the final document was issued in January and approved in February 2013 (Tetra Tech 2013d). Verification/pre-construction soil samples were collected in March 2013, excavation activities began in April 2013, and site restoration was complete in June 2013. A draft RACR was submitted in January 2014. Comments were received and resolved between March and June 2014 and the Final RACR was issued in June 2014 (Tetra Tech, 2014). The EPA approved the final RACR on June 5 and issued a Certificate of Completion stating that the cleanup of Site 5 was completed in accordance with the AAOC and the Performance Standards for the site have been achieved (EPA, 2014a). Table 5-3 reflects the completion of all planned activities for this Site.

5.1.4 Transformer Pads (Site 7)

Site 7 consists of former electrical transformer locations. These locations were identified as an AOC due to the presence of staining or reports of possible leakage of dielectric fluids containing PCBs (Metcalf & Eddy, 1996). A total of 27 former transformer locations on the MB, ML, and WI were identified, see Figures 4-7 and 4-8. Between 1985 and 1995, NASA implemented a transformer inventory, management, replacement/changeout, and disposal program at WFF. The program consisted of identifying those in-service and out-of-service transformers that were regulated by the TSCA, the

replacement and tracking of those units, and the disposal of regulated and non-regulated out-of-service transformers and dielectric fluids. Concurrent with this program, NASA initiated a separate base-wide environmental survey to assess environmental conditions at WFF and to identify areas within the facility where past activities may potentially present an environmental impact. Former transformer locations where potential spillage may have occurred were designated as Site 7. Site 7 consists of 27 locations where transformers had been removed and/or replaced. Available records and recent inspections indicate that all the transformers have been removed from service and disposed of in accordance with applicable regulations (TtNUS, 2004b).

From 1993 through 1999 NASA conducted sampling and remedial response actions at these sites in compliance with TSCA regulations. In 2004 NASA conducted a review of available records and analytical results for these sites. As a result of this review, NASA determined that inconsistent or inconclusive results existed for two locations, Buildings E-106 and X-115. NASA implemented TSCA corrective action measures at E-106 to ensure that it did not pose a risk to workers and conducted additional sampling at Building X-115 (located within Sites 5 and 12). The results of the sampling at Building X-115 confirmed the presence of PCBs above TSCA criteria. NASA reported the analytical findings to EPA and it was agreed that the PCB contaminated pad at this location would be addressed as part of the CERCLA actions being taken at Sites 5 and 12. NASA summarized the actions taken and the analytical results for the Site 7 locations in a final report and submitted that report to EPA and DEQ in 2004 (TtNUS, 2004b). In addition, NASA prepared and submitted a Decision Document presenting that No Further CERCLA Action is required at the Site 7 locations, other than Building X-115, for EPA review and approval and DEQ review and concurrence. That Decision Document was finalized in January 2005 and NASA, EPA and DEQ signed the final document concurring that No Further Action is required for Site 7 (TtNUS, 2005). Table 5-4 reflects the completion of all planned activities for this Site.

5.1.5 Transformer Storage Areas (Site 11)

Site 11 consists of three buildings where Site 7 transformers removed from service were temporarily stored before being sent off site for disposal. Two of the buildings are located on the MB and one on WI, see Figures 4-9 and 4-10. As part of the transformer replacement/changeout program discussed above under Site 7, NASA temporarily stored transformers at three locations before they were shipped off site for proper disposal. These locations were identified as Site 11 during the 1996 Facility-wide SI (Metcalf & Eddy, 1996). Available records and recent inspections indicate that all the transformers have been removed from these temporary storage locations and disposed of in accordance with applicable regulations (TtNUS, 2004b).

From 1993 through 1999 NASA conducted sampling and remedial response actions at these sites in compliance with TSCA regulations. In 2004 NASA conducted a review of available records and analytical results for these sites. NASA summarized the actions taken and the analytical results for the Site 11 locations in a final report and submitted that report to EPA and DEQ in 2004 (TtNUS, 2004b). Based on a review of that report and the analytical results from the completed investigations, EPA and DEQ concurred that no further action under CERCLA was required at the Site 11 locations. This agreement was documented in a No Further Action Decision Document which was signed by NASA, EPA, and DEQ in 2005 (TtNUS, 2005). Table 5-4 reflects the completion of all planned activities for this Site.

5.1.6 Former Wind Tunnel (Site 12)

Site 12 consists of contamination associated with the operation of a former engine testing facility located on WI, see Figure 4-6. The Site is collocated with Site 5. Site 12 is located adjacent to and overlaps Site 5 (see Section 5.1.3). The contaminants associated with the two sites are similar and the extent of the release and migration of contaminants from the two sites overlap. For these reasons, all investigations and response actions taken for Site 5 also include Site 12. As indicated in Section 4.1.3, a SI and an EPA-approved removal action have been completed at Site 12. A RI and supplemental sampling program, conducted under EPA-approved work plans, were conducted at the Site (FWEC, 2003b; Weiss and Associates, 2005). The final RI Report was published in June 2008 and a Draft FS Report was submitted for EPA and DEQ review in November 2008. The FS Report was finalized and approved in September 2009 (TtNUS, 2009a). Based on the FS, NASA, EPA and DEQ identified excavation and offsite disposal as the likely preferred alternative. NASA prepared a draft PRAP proposing this alternative as the preferred remedy and submitted the draft document in September 2009 for EPA and DEQ review. As detailed in Section 4.1.3, regulator comments were received in December 2009 and the final PRAP was issued on March 15, 2010 (TtNUS, 2010d). No comments on the proposed remedy were received during the public comment period held from March 17 to April 19, 2010. The draft ROD, addressing both Sites 5 and 12, was submitted for regulator review in March 2010. Comments were received in May and comments were discussed and resolved through August. The final ROD was signed by NASA on September 7, 2010 and concurred on by DEQ. However, additional comments from EPA were issued and the ROD underwent a series of editorial revisions from February 2011 through October 2011. A revised Final ROD was signed by NASA on October 28, 2011. DEQ concurred with the ROD on November 2, 2011 and EPA approved and signed the final ROD in December 2011 (NASA, 2011).

Concurrent to finalizing the ROD, NASA initiated preparation of RD and RA Work Plans. A draft RD Work Plan, including Pre-Design Investigation Sampling and Analysis Plan, was prepared and submitted to the regulators for review December 14, 2011. Regulator comments were received and resolved in February 2012 and the final RD Work Plan was submitted in March 2012 (Tetra Tech, 2012i). The pre-design

investigation wetland delineation, sampling and surveys were completed in March and April 2012. A draft Wetland Delineation Report was prepared and submitted to the regulators in May 2012. Comments were received and resolved between June and August 2012. The final Wetland Delineation Report was issued in September 2012 (Tetra Tech, 2012j). The pre-design sampling results were summarized and discussed with the regulators, and were presented in the draft RD/RA Work Plan submitted in September 2012. Regulator comments were received in December 2012 and resolved in January 2013, and the final document was issued in January and approved in February 2013 (Tetra Tech 2013d). Verification/pre-construction soil samples were collected in March 2013, excavation activities began in April 2013, and site restoration was complete in June 2013. A draft RACR was submitted in January 2014. Comments were received and resolved between March and June 2014 and the Final RACR was issued in June 2014 (Tetra Tech, 2014). The EPA approved the final RACR on June 5 and issued a Certificate of Completion stating that the cleanup of Site 12 was completed in accordance with the AAOC and the Performance Standards for the site have been achieved (EPA, 2014a). Table 5-3 reflects the completion of all planned activities for this Site.

5.1.7 Waste Oil Dump, OU 3

The Waste Oil Dump (WOD), designated as OU 3, is located on the MB on a peninsula-like feature at the north end of Runway 17-35, see Figure 4-5. Historical aerial photographic analysis indicates that the Navy built-up and reworked this area during the construction of the runways and also indicate that the Navy and NASA used the area for disposal (USACE, 2000; EPA, 1996). Available records indicate that waste oils and other flammable liquids were disposed of at the Site (Versar, 2001a).

In 1986, a DEQ inspection identified the presence of petroleum saturated soils at the WOD. In response to this finding, NASA conducted a soil removal action and removed about 180 cubic yards of soils from the Site. A SI was conducted, in phases, at the Site from 1990 through 1992. The SI consisted of soil gas surveys and soil, sediment and groundwater sampling and analysis. Samples were analyzed for TCL organics, TAL metals, and TPH. The SI concluded that there was no evidence that waste remained at the WOD and no further action was recommended (Metcalf & Eddy, 1992).

In 1997, an additional monitoring well was installed at the WOD as part of an investigation being conducted at Site 15 (Debris Pile being addressed under the FUDS Program, see Section 2.0). Analytical results from samples collected from this well revealed the presence of solvent and petroleum-related contamination. NASA conducted a follow-up inspection and a RI at the Site from 1998 through 2000 under an EPA-approved work plan (Versar, 2001a). The RI included a geophysical survey and soil and groundwater sampling and analysis. Samples were analyzed for TCL organics, TAL metals, and TPH. The RI concluded that the Site presented unacceptable risks to potential human exposure to groundwater

due to the presence of solvent and petroleum-related contamination (Versar, 2001a). In 2003, EPA and NASA agreed that additional sampling at the WOD Site was warranted and EPA approved a final work plan for a Supplemental RI (TtNUS, 2003c). The RI field work was completed in 2003 and a final RI report was issued in 2004 (TtNUS 2004d). The Supplemental RI quantified the contamination and risks associated with the WOD; however, there were uncertainties associated with the form of chromium detected in groundwater at the Site. NASA conducted a follow-up sampling effort, under an approved letter work plan, to speciate the chromium reported as present in the Site groundwater. The sampling was conducted in 2004 and the results presented in a letter report in November 2004 (NASA, 2004b). Based on the RI and supplemental sampling results, NASA issued a final FS identifying and evaluating remedial alternatives in October 2005 (TtNUS, 2005b). A PRAP proposing an RA consisting of biostimulation was published in February 2007 (TtNUS, 2007). No comments were received from the public during the public comment period and a ROD was finalized and issued in March 2008 (TtNUS, 2008). The selected remedy includes in-situ biological treatment (biostimulation), institutional controls and monitoring. The draft Remedial Design for Land Use Controls and the Pilot Study Work Plan were submitted for regulator review in July 2008. Comments were received in September 2008 and final resolution was reached in October 2008. The final Remedial Design for land use controls (LUCs) was submitted in November 2008 and approved and implemented in December 2008 (TtNUS, 2008d).

The Pilot Study Work Plan was also finalized in November 2008 and approved by EPA and DEQ in early December 2008 (TtNUS, 2008e). The pilot study field work, including the collection of a base-line round of groundwater samples, was conducted in December 2008. The results of the pilot study were presented in a draft RA Work Plan submitted for EPA and DEQ review in March 2009. The pilot study results indicated a positive reaction in Site groundwater and confirmed that the planned biostimulation component of the remedy was appropriate for the Site. Comments on the draft report were received in June and resolved in August 2009. The final RA Work Plan was submitted in September and approved in October 2009 (TtNUS, 2009b). The final work plan details the in-situ biological treatment (biostimulation) component of the remedy but does not define the required long-term monitoring component. A separate Long-Term Monitoring Plan for the WOD Site was prepared and submitted to EPA and DEQ for review in May 2009. Comments on the draft plan were received in August and resolved in October 2009. The Final Long-Term Monitoring Plan was issued and approved in October 2009 (TtNUS, 2009c). The full implementation of the WOD Site remedy was implemented in December 2009 with the in-situ injection of oxygen release compounds as delineated in the ROD. The first round of Post-Injection sampling/monitoring was conducted in March 2010. The RACR, incorporating the results of the March sampling, was submitted to regulators in June 2010. Comments on the RACR were received in December 2010 and responded to in January 2011. Comments were resolved in March 2011 and the final RACR was issued in April 2011 (TtNUS, 2011a).

Ongoing LTM activities were conducted quarterly with sampling events completed in June, September, and December 2010 (LTM Rounds 2, 3, and 4). A Data Report for the LTM Rounds 2 and 3 were submitted in August and December 2010, respectively. The results of the LTM sampling were discussed with the Team during the September 2010 RPM meeting and EPA and DEQ agreed that future quarterly LTM reports should be issued as finals only. Comments on the reports, if issued, will be considered during the preparation of subsequent quarterly reports and will be incorporated into the draft annual report of findings and recommendations. The calendar year (CY) 2010 Annual Report (presenting data from LTM Rounds 1, 2, 3 and 4) was submitted in March 2011. Regulator comments were received in August 2011. Responses to regulator comments were submitted in September and resolved in November 2011. The final CY'10 Annual Monitoring Report was issued November 21, 2011 (TtNUS, 2011d).

Based on the results of the CY 2010 LTM, NASA, EPA and DEQ agreed that the monitoring frequency could be reduced to semi-annual. NASA conducted CY 2011 LTM sampling events in March and September 2011. A data report for the March sampling event was submitted on June 22, 2011. The draft CY 2011 Annual Report, presenting and evaluating the March and September 2011 sampling results, was prepared and submitted for review on December 14, 2011. Regulator comments were received in March 2012. Comment responses were issued in May and, after receiving regulator concurrence, the final CY'11 Annual Report was finalized In July and issued in August 2012 (Tetra Tech, 2012a).

Recommendations from the CY'10 and CY'11 Annual Reports to reduce the number of wells, decrease the analytical parameters and expand the dissolved oxygen monitoring requirements were incorporated into a revision to the LTM Program. The Long-term Monitoring Plan Revision 1 was issued in August 2012 and finalized in September 2012 (Tetra Tech, 2012b). CY 2012 sampling rounds were conducted in March and September 2012. A data report presenting the results from the March 2012 sampling was issued in May 2012 (Tetra Tech, 2012c). The draft CY 2012 Annual Report, presenting and evaluating the March and September 2012 sampling results, was prepared and submitted for review on December 11, 2012. Regulator comments were received in April 2013. Comment responses were issued in April and resolved in May 2013. The CY'12 Annual Report was finalized in May and approved June 2013 (Tetra Tech, 2013).CY 2013 sampling rounds were conducted in March and September 2013. A data report presenting the results from the March 2013 sampling was issued in July 2013 (Tetra Tech, 2013a). The draft CY'13 Annual Report, presenting the results of the September sampling and evaluating the calendar year results, was issued in December 2013. Regulator comments were received January 22, 2014. Comments were resolved in February and the final CY 2013 Annual Report was issued February 12, 2014 (Tetra Tech, 2014a).

Recommendations from the CY 2013 Annual Report to decrease the number of wells were documented in a revised LTM Plan (Long Term Monitoring Plan Rev-2) issued in February 2014 (Tetra Tech, 2014f).

CY 2014 sampling rounds were conducted in March and September 2014. A data report presenting the results from the March 2014 sampling was prepared in June and issued in July 2014 (Tetra Tech, 2014b). The March 2014 data report documented that cleanup goals had been achieved for all Contaminants of Concern (COC) except arsenic. The Project Team discussed the findings at the June 10, 2014 RPM Meeting. EPA and DEQ concurred with the findings and approved a reduction in the parameters for the September 2014 sampling, and requested the decision be documented in the CY 2014 Annual Report. The CY 2014 Annual Report was submitted in December 2014 and finalized April 21, 2015 (Tetra Tech, 2015). The spring 2015 semi-annual sampling was conducted in March 2015 and the semi-annual data report was issued on May 27, 2015 (Tetra Tech, 2015a). To document the changes made to the monitoring plan through 2014, the Long-Term Monitoring Plan Rev 3 was issued in July and finalized September 21, 2015 (Tetra Tech, 2015j). The fall semi-annual monitoring was conducted in September 2015 and the CY 2015 draft report presenting the results and evaluating the calendar year and long-term trends was submitted in December 2015. Regulator comments were received in February and resolved in April 2016. The final Annual Groundwater Monitoring Report for Year 2015 was issued in April 2016 (Tetra Tech, 2016). No changes were recommended or implemented at the end of the 2015 sampling and the spring 2016 sampling event was conducted in April 2016 and the data report submitted in June 2016 (Tetra Tech, 2016a). The semi-annual sampling continued in April and October 2016; the report was finalized and issued in February 2017 (Tetra Tech, 2017), with the recommendation to reduce the sampling frequency to twice every five years with one sampling event in the spring and one in the fall. The next round of sampling was conducted in October 2017. The report was issued as a draft on February 1, 2018; the EPA and DEQ comments were received on February 22 and 28, 2018, respectively. The final report was issued on March 13, 2018 (NASA, 2018c). The most recent round of sampling was delayed from March 2020 to the summer of 2020 due to COVID restrictions. The Draft report for the sampling was issued on November 16, 2020, with EPA approval given on November 30,2020 and DEQ approval given on February 12, 2020. The final report was issued on February 18, 2021 (NASA, 2021a) and EPA concurrence was received on March 23, 2021.

The draft Sampling and Analysis Plan (SAP) for the Long-Term Monitoring Plan Revision 4 was submitted on June 6, 2022. EPA comments were received on August 10, 2022 and the final SAP was submitted on August 30, 2022 (NASA, 2022l). Associated groundwater sampling was conducted in September 2022.

The draft 2022 Groundwater Data Summary Report was submitted on January 4, 2023. EPA concurrence was received on February 23, 2023 and DEQ concurrence was received on February 28, 2023. The final 2022 Groundwater Data Summary Report was submitted on March 29, 2023 (NASA, 2023c), and final EPA approval was received on May 22, 2023.

The AAOC requires that NASA conduct a review of ongoing RAs every five years until EPA issues a Certificate of Completion documenting that cleanup standards have been achieved and the remedy remains protective. The five-year review process was initiated in December 2012. Data review, site inspections, interviews and remedy protectiveness evaluations were conducted through June 2013 when the draft Five-Year Review Report was issued for regulator review and comment. Regulator comments were received in November 2013 and resolved on January 8, 2014. The document was finalized in January and issued in February 2014 (Tetra Tech, 2014g). The review concluded that the WOD remedy was protective and made no recommendations for further evaluation. EPA issued a letter dated March 6, 2014 concurring with the findings (EPA, 2014).

The draft of the 2018 Five-Year Review, the second for this site, was submitted on October 2, 2018. Following regulator comment in October (DEQ) and November (EPA), the final Five-Year Review was submitted on February 18, 2019 (NASA, 2019a), with EPA concurrence on March 7. The review concluded that the remedy remains protective of human health and the environment. The Public Notice announcing the completion of the Five-Year Review ran on March 20 and 21, 2019.

A "Start Notice" for the Five-Year Review was published the week of February 24, 2023. A draft questionnaire for the Five-Year Review was submitted to the EPA and DEQ on May 15, 2023 and responses were received from the EPA on June 6, 2023 and the DEQ on June 13, 2023. The site inspections were conducted on May 17, 2023 and there were no major findings or protectiveness issues. The draft Five-Year Review was submitted to the EPA and DEQ on October 10, 2023. EPA comments were received on January 11, 2024. On January 19, 2024 DEQ indicated that they had no comments in addition to EPA's. Responses to comments were submitted on February 6, 2024. Additional EPA comments were received on February 7, 8, and 13 and the final document was submitted on February 14, 2024 (NASA, 2024b). The document is scheduled to be signed by March 7, 2024 with the Public Notice published shortly thereafter. The protectiveness determination was "short-term protective" due to the on-going RI for PFAS, now under OU 11, PFAS Main Base North.

The schedule of past and upcoming activities at the site is included in Table 5-5.

5.1.8 Scrapyard (N-222), OU 1

The Scrapyard, designated as OU 1, is located near the main gate to the MB adjacent to Building N-222, see Figure 4-5. The Scrapyard Site (N-222) was identified as an AOC during the 1988 PA due to the presence of empty waste drums, scrap metal and electrical components, and visible soil staining (NASA, 1988). Site inspections were conducted at the Site in 1990 and 1992 (Ebasco, 1990; Metcalf & Eddy, 1992). Soil sample analytical results indicated the elevated presence of PCBs in Site soils. An EPA-

approved RI work plan was implemented at the Scrapyard in 1995 (Metcalf & Eddy, 1995a). During the RI, field instrument readings indicated the possible presence of radiological materials at the Site. To further evaluate the findings, NASA prepared and implemented an EPA-approved radiological survey at the Site (Metcalf & Eddy, 1995b). The results of the survey and RI were reported to EPA in a Limited RI report in 1995 (Metcalf & Eddy, 1995). The RI confirmed the presence of PCBs in soils and identified the limited presence of radiological source materials at the Site. Radiological readings confirmed the presence of radioisotope emitting dials and other instrument components at the Site. These instrument components were removed and disposed in accordance with applicable regulations during the performance of the fieldwork. At that time, NASA took the Scrapyard out of service, constructed a fence around the Site, and posted the area to restrict site access. NASA and EPA agreed at that time that further investigations and removal actions were warranted at the Scrapyard.

In 2002, NASA implemented an EPA-approved work plan for further characterizing the PCB and radiological contamination at the Site (Weiss and Associates, 2002). The investigation consisted of collecting soil samples for PCB and radiological analysis. The results were reported to EPA and DEQ in a Data Gaps Report and supported the need for removal actions (Weiss and Associates, 2003). The removal action plans were detailed in EPA-approved work plans and implemented in 2003 after providing the required public notice (FWEC, 2003c; Weiss and Associates, 2003a; NASA, 2003). The removal action consisted of the removal and proper offsite disposal of approximately 4,018 tons of soil and scrap from the Site (FWEC, 2004). Confirmation sampling conducted at the Site after removal actions confirmed that clean-up goals presented in the work plans had been achieved.

After completion of the soils removal actions at the Scrapyard Site, NASA, EPA, and DEQ agreed that groundwater studies were necessary to further evaluate the potential impacts from the Site. A work plan for characterizing and sampling groundwater at the site was finalized in November 2004 (Weiss and Associates, 2004). The groundwater investigations were conducted in 2005 and the final Groundwater Characterization (SSI) report was submitted in December 2005 (Weiss and Associates 2005a). In 2006, NASA conducted a detailed review of past activities at the Scrapyard Site and tabulated the analytical results from completed investigations including pre- and post-removal soil samples and groundwater samples. The results of this assessment, including a risk evaluation, were presented in a Site Summary Status Report finalized in August 2006 (TtNUS, 2006a). NASA, EPA, and DEQ reviewed the findings and reached a consensus that the Scrapyard Site should be considered for a No Further Action decision. A PRAP proposing No Further Action for the Site was published in February 2007 (TtNUS, 2007a). No comments on the proposed remedy were received during the public comment period and EPA, DEQ, and NASA agreed on a No Further Action decision for the Site. This decision was documented in a ROD finalized and issued in January 2008 (TtNUS, 2008b). Table 5-6 reflects the completion of all planned activities for this Site.

5.1.9 Photographic Tank (M-15)

The Photographic Tank is located behind Building M-15 on the north side of the MB, see Figure 4-5. The Photographic Tank used for processing wastewater from a former photographic laboratory was identified as an AOC during the PA (NASA, 1998). The Site was investigated and sampled during a facility-wide SI in 1990 (Ebasco, 1990). The investigation included the collection and analysis of soil, surface water, sediment, and tank contents for TCL organic and TAL metals. The results of this investigation identified that the tank contents did not present a threat. Follow-up investigations to further characterize the Site and to determine if a release had occurred from the tank were conducted in 2000, 2002, and 2003 (Versar, 2000; TtNUS, 2003b). These investigations included the installation and sampling of monitoring wells, investigation of underground structures associated with the tank, and the collection and analysis of soil, surface water, and sediment samples for TCL organic and TAL metals. The results of the investigation identified the presence of several metals at the Site at concentrations above background and ecological screening levels. An evaluation of the analytical results concluded that the Site did not pose an unacceptable risk to human health; however, a risk to the environment could not be ruled out (TtNUS, 2003b). Additional soil, surface water, and sediment sampling and analysis for target metals were performed at the Site in 2003 under an EPA-approved work plan (TtNUS, 2003b). The results of the sampling were presented in a summary and ecological risk evaluation report which recommended that further ecological toxicity testing be performed to determine the need for remedial action (TtNUS 2004e).

A letter work plan detailing the sampling and ecological toxicity testing to be performed at the Photographic Tank Site was finalized in August 2005 (TtNUS, 2005a). The additional studies and toxicological testing was conducted in late 2005 and a report presenting and evaluating the results was submitted in an Ecological Risk Evaluation Report which was finalized in February 2007 (TtNUS, 2007b). Based on the findings of the risk assessment, it was concluded that no action was necessary to protect human health or the environment. A No Action Decision Document closing the Site was signed by EPA, DEQ and NASA in February 2007 (TtNUS, 2007b). Table 5-7 reflects the completion of all planned activities for this Site.

5.1.10 Former Fire Training Area (FFTA), OU 2

The FFTA, designated as OU 2, is located along Runway 10-28 in the northern portion of the MB, see Figure 4-5. The FFTA was used by NASA for fire fighting training exercises from 1965 to 1987. In 1986, a DEQ inspection identified the presence of petroleum saturated soils at the FFTA. In response to this finding, NASA conducted a soil removal action, removing about 120 cubic yards of soils from the Site (Metcalf & Eddy, 1996). The Site was identified as an AOC during the performance of the 1988 facility-wide PA (NASA, 1998). A SI was conducted in phases at the Site from 1990 through 1992 and finalized

in 1996 (Ebasco, 1990; Metcalf & Eddy, 1992; Metcalf & Eddy, 1996). The SI consisted of the performance of soil gas and geophysical surveys and the collection of soil and groundwater samples for TCL organics, TAL metals, and TPH. The results of the investigation identified the elevated presence of solvent, metals, and petroleum-related contamination in soils and groundwater.

An EPA-approved RI work plan was implemented at the Site in 1993 (Metcalf & Eddy, 1993). The RI included additional soil gas surveys and soil and groundwater sampling and analysis for TCL organics, TAL metals, and TPH. The analytical results confirmed a release to groundwater and identified a threat to human health under a drinking water use scenario (Metcalf & Eddy, 1996a). Further groundwater sampling was conducted in 2000 to more fully characterize the nature and extent of the groundwater contamination associated with the FFTA (Versar, 2000a). Groundwater samples that were analyzed for TCL organic and TAL metals confirmed the presence of a groundwater plume containing solvent and petroleum-related and metals contamination. A Supplemental RI designed to more fully characterize site conditions, investigate possible source areas, further define the nature and extent of the groundwater contamination, and define the nature of the risks posed by the FFTA was conducted, under an EPA-approved work plan, in 2003 (TtNUS, 2003c). The results of the Supplemental RI were reported to EPA and DEQ in a final report in 2004 (TtNUS, 2004c). The Supplemental RI found that the Site did not present a threat to ecological receptors but that groundwater contamination presented an unacceptable risk to human health under the future use scenario.

NASA finalized a FS evaluating potential remedial alternatives for the FFTA Site in September 2005 (TtNUS, 2005c). A PRAP proposing an RA consisting of biostimulation was published in February 2007 (TtNUS, 2007c). No comments were received from the public during the public comment period and a ROD was finalized and issued in December 2007 (TtNUS, 2007f). The selected remedy includes in-situ biological treatment (biostimulation), institutional controls and monitoring. The Draft Pilot Study Work Plan and Remedial Design for Land Use Controls were submitted to EPA and DEQ for review in March 2008. Comments were received in May and responses and proposed revisions were submitted in June 2008. Resolution of comments and responses was reached in October and final documents were submitted in November and approved in December 2008 (TtNUS, 2008f; TtNUS, 2008g).

The LUCs for the FFTA Site were implemented and the pilot study field work was conducted in December 2008. During performance of the pilot study, free product was encountered in two of the FFTA Site source area monitoring wells. In response to this finding, NASA immediately notified EPA and DEQ of this finding and conducted a free product removal (NASA, 2008). In addition, a free product monitoring and removal plan was developed and presented to EPA and DEQ in February 2009. The plan was finalized in April 2009 after receipt and resolution of regulator comments (TtNUS, 2009d). NASA conducted regular free product monitoring in the wells through the close of the period. Significant measurable levels of free

product have not been encountered in the wells since early 2009. The results of the pilot study were presented in a draft Pilot Study Report submitted for EPA and DEQ review in April 2009. Comments on the report were received in June and resolved in July 2009. The final Pilot Study Report was issued in July and approved in August 2009 (TtNUS, 2009e).

The pilot study sampling results indicated that concentrations of target compounds identified as risk drivers in the ROD were relatively low and in most cases too low to be effectively treated with the planned biostimulation injections. This finding was confirmed by the general lack of response seen in the field data collected during the pilot test. Based on the pilot study findings, it was agreed that additional groundwater sampling was required at the Site prior to further implementation of the selected remedy. The sampling program was presented in a Supplemental Groundwater Sampling Plan submitted in June 2009 and approved in July (TtNUS, 2009f). The sampling was conducted in August 2009 and the analytical results were summarized in a Draft Sampling Letter Report in December 2009. Regulator comments were received in February 2010, Responses to Comments and comment resolution occurred in March 2010, and a Final Sampling Report was submitted on April 12, 2010 (TtNUS, 2010f). The Supplemental Groundwater Sampling event indicated that groundwater contamination at the FFTA was decreasing and it was agreed to continue quarterly monitoring while evaluating the need to implement the active remedy components. In order to document this decision and to support immediate implementation, NASA submitted a Quarterly Groundwater Sampling Plan February 4, 2010 (TtNUS, 2010g). The sampling plan was approved by the regulators on March 23, 2010. The 1st quarter sampling event was conducted in March 2010, and a Groundwater Sampling Report was submitted in June 2010 (TtNUS, 2010h). A 2nd quarter sampling event was conducted in June 2010, and the Groundwater Sampling Report was submitted in August 2010 (TtNUS, 2010i). The 3rd quarter sampling event was conducted in September 2010, and the Groundwater Sampling Report was submitted in December 2010 (TtNUS, 2010p).

Concurrent with implementing the quarterly sampling, NASA prepared the Draft LTM Plan to comply with the long-term monitoring component of the selected remedy. The LTM Plan was submitted on April 28, 2010 and regulator comments were received on June 15, 2010. Comments were resolved in July and the Final FFTA LTM Plan was submitted on August 6, 2010, and approved in March 2011 (TtNUS, 2010q). The 4th quarterly sampling event was conducted in December 2010. The results were presented in the CY 2010 Annual Report (presenting data from LTM Rounds 1, 2, 3 and 4) submitted in March 2011. Regulator comments were received in August 2011. Responses to regulator comments were submitted in September and resolved in November 2011. The final CY'10 Annual Monitoring Report was issued November 21, 2011 (TtNUS, 2011e).

Based on the results of the first year of quarterly monitoring (CY'10 Annual Report), NASA, EPA and DEQ agreed that further active remediation (injections) were not necessary at the FFTA Site and the

long-term monitoring frequency could be reduced to semi-annual. To document the implementation of the RA components NASA prepared a RACR and submitted the draft for regulator review in May 2011. Regulator comments were received in October 2011. NASA responses to the comments were submitted in November and resolved in December 2011. Approval of the final RACR submitted in December 2011 is waiting EPA approval.

NASA conducted CY 2011 LTM sampling events in March and September 2011. A data report for the March sampling event was submitted on June 22, 2011. The draft CY'11 Annual Report, presenting the March and September results, was prepared and submitted for review on December 14, 2011. Regulator comments were received in May 2012. Comment responses were issued in May and, after receiving regulator concurrence, the final CY'11 Annual Report was finalized in May and issued in June 2012 (Tetra Tech, 2012d).

Recommendations from the CY'10 and CY'11 Annual Reports to reduce the number of wells, decrease the analytical parameters and expand the dissolved oxygen monitoring requirements were incorporated into a revision to the LTM Program. The Long-term Monitoring Plan Revision 1 was issued and finalized in August 2012 (Tetra Tech, 2012e). CY 2012 sampling rounds were conducted in March and September 2012. A data report presenting the results from the March 2012 sampling was issued in May 2012 (Tetra Tech, 2012f). The CY'12 Annual Report, presenting the results of the September sampling and evaluating the calendar year results prepared and submitted for review on December 13, 2012. Regulator comments were received in April 2012. Comment responses were issued in April and, after receiving regulator concurrence, the final CY'12 Annual Report was finalized in May and issued in June 2013 (Tetra Tech, 2013b). CY 2013 sampling rounds were conducted in March and September 2013. A data report presenting the results from the March 2013 sampling was issued in July 2013 (Tetra Tech, 2013c). The draft CY'13 Annual Report, presenting the results of the September sampling and evaluating the calendar year results, was issued in December 2013. Regulator comments were received January 22, 2014. Comments were resolved in February and the final CY 2013 Annual Report was issued February 12, 2014 (Tetra Tech, 2014a).

Recommendations from the CY 2013 Annual Report to decrease the number of wells were documented in a revised LTM Plan (Long Term Monitoring Plan Rev-2) issued in February 2014 (Tetra Tech, 2014h). CY 2014 sampling rounds were conducted in March and September 2014. A data report presenting the results from the March 2014 sampling was prepared in June and issued in July 2014 (Tetra Tech, 2014d). The CY 2014 Annual Report, presenting the results of the September sampling and evaluating the calendar year results, was issued December 17, 2014. Regulator comments were received January 30, 2015 and resolved April 7, 2015. The final CY 2014 Annual Report was issued April 21 (Tetra Tech, 2015b). As a result of the CY 2014 findings, it was agreed that the frequency of the monitoring program

should be reduced to every nine months, the field parameters reduced to eliminate nitrate/nitrite, ferrous iron, alkalinity, and hydrogen sulfide, and reporting be reduced to data reports with trend analysis conducted as part of the Five-Year Review reporting. The Team agreed to implement these changes for the spring 2015 sampling event and document the changes in a revised long-term monitoring plan. The spring 2015 semi-annual sampling was conducted in March 2015 and the semi-annual data report was issued on May 27, 2015 (Tetra Tech, 2015k). Revision 3 to the LTM Plan documenting these changes was issued July 27, 2015. Regulator comments were received in August 2015 and the revised LTM Plan (Long Term Monitoring Plan Rev 3) was finalized and issued September 21, 2015 (Tetra Tech, 2015o). The fall 2015, or tenth round monitoring event, was conducted in December 2015 and the data report of findings submitted in February 2016 (Tetra Tech, 2016b).

The eleventh event was completed September 28, 2016 and the Monitoring Data Report was issued January 3, 2017 (Tetra Tech, 2016g). The twelfth round of sampling was completed in June 2017 with the report issued in November 2017 (NASA, 2017).

The AAOC requires that NASA conduct a review of ongoing RAs every five years until EPA issues a Certificate of Completion documenting that cleanup standards have been achieved. The five-year review process was initiated in December 2012. Data review, site inspections, interviews and remedy evaluations were conducted through June 2013 when the draft Five-Year Review Report was issued for regulator review and comment. Regulator comments were received in November 2013 and resolved on January 8, 2014. The document was finalized in January and issued in February 2014 (Tetra Tech, 2014g). The review concluded that groundwater at the FFTA had not been tested for the presence of PFAS, a class of emerging contaminants associated with firefighting foams which may have been used at the FFTA. The Five-Year Review Report recommended that groundwater at the Site be sampled and analyzed for PFAS constituents. It was further recommended that the protectiveness statement for the FFTA remedy be deferred until an evaluation of PFAS contamination is conducted. EPA issued a letter dated March 6, 2014 concurring with the findings and requiring the sampling, analysis and evaluation be completed before December 31, 2018 (EPA, 2014). On August 12, 2016, NASA submitted a draft Work Plan for conducting a PFAS investigation at the FFTA. Regulator comments were received in September 2016. Comments were resolved in October 27, 2016 (NASA, 2016e).

In accordance with the recommendations from the 2013 Five-Year Review, a sampling and analysis event for PFAS was conducted in December 2016. The draft data report presenting the analytical findings was submitted in February 2017. DEQ and EPA comments on the draft report were received February 28, 2017 and May 1, 2017, respectively. NASA submitted the final report in June 2017 (Tetra Tech, 2017a). The sampling showed that groundwater throughout the FFTA had PFAS constituents above their

respective EPA Health Advisory (HA) values. Based on these results, additional PFAS sampling throughout the WFF was planned and conducted (Section 4.1.18).

A Periodic Monitoring event (9-month) was completed March 28, 2018 and the Draft Monitoring Data Report was issued June 26, 2018 (NASA, 2018e). EPA approval was received on September 20, 2018. The next round of sampling (Round 14) was completed in December 2018 and the Draft Monitoring Data Report was issued April 24, 2019. Regulator comments were received on May 23 (DEQ) and May 24 (EPA). A revised Data Monitoring Report was submitted on July 30, 2019. Additional comments were received from both the DEQ and EPA on September 4, 2019 and the final Report was submitted on September 30 (NASA, 2019b), with the recommendation to reduce the sampling frequency to once every 15 months. EPA approval of the report was received on November 1, 2019 and DEQ approval was received on November 4, 2019. The most recent round of sampling was completed in Summer 2020 (delayed from March 2020 due to COVID restrictions). The draft report was submitted on November 16, 2020. EPA approval was received on November 30, 2020 and DEQ approval was received on February 12, 2021. The final report was submitted on February 18, 2021 (NASA, 2021b).

The round 16 periodic sampling event was conducted in June 2021. The associated draft Data Monitoring Report was submitted on October 20, 2021. EPA comments were received on January 27, 2022 and DEQ approval was received on January 21, 2022. A Response to Comments document was submitted on February 2, 2022.

The draft SAP for the Long-Term Monitoring Plan Revision 4 was submitted on May 19, 2022. EPA comments were received on July 15, 2022 and the final SAP was submitted on September 21, 2022 (NASA, 2022r). Associated groundwater sampling was conducted in September 2022. The draft Data Monitoring Report was submitted on April 3, 2023. EPA comments were received on June 28, 2023. NASA submitted the revised report on July 19, 2023. EPA approval was received on August 24, 2023 and DEQ approval was received on July 19, 2023. The final report was submitted on August 31, 2023 (NASA, 2023t).

The draft of the 2018 Five-Year Review, the second for this site, was submitted on October 2, 2018. Following regulator comment in October (DEQ) and November (EPA), the final Five-Year Review was submitted on February 18, 2019 (NASA, 2019a), with EPA concurrence on March 7. A "Protectiveness Deferred" determination was assigned to the FFTA pending the results of the on-going PFAS investigation. The Public Notice announcing the completion of the Five-Year Review ran on March 20 and 21, 2019.

A "Start Notice" for the Five-Year Review was published the week of February 24, 2023. A draft questionnaire for the Five-Year Review was submitted to the EPA and DEQ on May 15, 2023 and responses were received from the EPA on June 6, 2023 and the DEQ on June 13, 2023. The site inspections were conducted on May 17, 2023 and there were no major findings or protectiveness issues. The draft Five-Year Review was submitted to the EPA and DEQ on October 10, 2023. EPA comments were received on January 11, 2024. On January 19, DEQ indicated that they had no comments in addition to EPA's. Responses to comments were submitted on February 6, 2024. Additional EPA comments were received on February 7, 8, and 13 and the final document was submitted on February 14, 2024 (NASA, 2024b). The document is scheduled to be signed by March 7, 2024 with the Public Notice published shortly thereafter. The protectiveness determination was "short-term protective" due to the on-going RI for PFAS, now under OU 11, PFAS Main Base North.

The schedule of past and upcoming activities at the site is included in Table 5-8. Please refer to Section 5.1.18 for more information on PFAS related activities at the FFTA.

5.1.11 Pistol/Rifle Range

A review of historical aerial photographs and records conducted by USACE, and a review of current facility practices identified the Pistol/Rifle Range as a potential AOC. The pistol/rifle range was constructed by the Navy prior to 1949 (MicroPact Engineering, 2003). NASA periodically used the facility since they acquired the property in 1959. As discussed in Section 2.2, NASA recently completed an ASR of the facility, including the pistol/rifle range. Based on the ASR findings, it has been determined that the Navy also constructed and used a skeet range and machine gun testing facility at the pistol/rifle range (USACE, 2005). No formal environmental investigations have been conducted at the Site. In 2006, NASA confirmed that the range complex was closed and would not be reopened. Also in 2006, NASA conducted a review of the site history and available documents and prepared and submitted a draft work plan for SI activities at the Site. The proposed activities included in the work plan address the pistol, rifle, skeet and machine gun firing ranges and refer to the Site as the Main Base Firing Range Complex. The Work Plan and Quality Assurance Project Plan for the Main Base Firing Range Complex was finalized in May 2007 and approved by EPA and DEQ in August 2007 (TtNUS, 2007d). Field sampling activities were conducted in November 2007 and a draft SI Report was submitted for regulator review in March 2008. Comments on the draft SI were received in June and responses and proposed revisions were submitted in July 2008. Final resolution of the comments and responses were reached in October 2008 and the final SI Report was submitted for regulator approval in November. Additional editorial comments on the final report were received from DEQ in January 2009 and the revised final SI Report was issued in February 2009 (TtNUS, 2009g). The revised final report was approved by the regulators in March 2009.

The SI findings were discussed with EPA and DEQ during the preparation of the SI report starting in June 2008. At the June Remedial Project Manager meeting, it was tentatively agreed that a Non-Time Critical Removal Action to remove contamination from the pistol range target area, rifle range target area, and skeet range area may be appropriate for the Site, pending approval of the risk assessment findings (NASA, 2008a). The SI report findings were discussed again during the December 2008 Remedial Project manager meeting and it was agreed that a removal action was an appropriate response for the Site (NASA, 2008). After finalization of the SI Report in February 2009, NASA prepared a technical memorandum presenting potential options for developing cleanup goals to be used during the planned removal action. The options were discussed at the March 2009 Remedial Project Manager (RPM) meeting and presented in a draft technical memorandum in April (NASA, 2009). The technical memorandum and proposed cleanup goals were discussed in a series of teleconferences among NASA, EPA and DEQ from April through June and the final approach to developing the cleanup goals was agreed to during a teleconference held in June 2009 (TtNUS, 2009h). As part of that resolution and as presented in the teleconference summary, NASA agreed to conduct a supplemental soil sampling and analysis event to further characterize the extent of the lead contamination found in drainage area north of the Site. The supplemental sampling and analysis were conducted in July 2009 and the results were presented in the Summary for Supplemental Soil Sampling Main Base Firing Range Complex Report issued in August 2009 (TtNUS, 2009i). Concurrent with these activities NASA initiated a review of historical site use to determine if NASA funds could be used to conduct the removal or if the site should be referred to the FUDS program. As a result of this evaluation, the USACE acknowledged responsibility for the Former Skeet Range as a FUDs site. Further evaluation of historical use and responsibility for the remaining portions of the range complex was under discussion between NASA and the USACE into FY 2014. In FY 2014, NASA agreed to accept responsibility for further investigation and actions related to the former pistol and rifle ranges (Pistol/Rifle Range). NASA conducted a review of historical investigations at the Pistol/Rifle Range and prepared a summary report presenting site data and reevaluating risks at the site. The draft report was submitted August 26, 2014 and EPA and DEQ comments were received in October 2014. Comments were resolved in February 2015 and the final Site Summary and Risk Re-Evaluation was issued March 5, 2015 (Tetra Tech, 2015c).

Based on the completed site investigations, NASA, EPA, and DEQ agreed removal actions are appropriate to address the contamination identified at the Pistol/Rifle Range. It was also agreed that additional supplemental sampling was required to further define the potential extent of the removal action at specific firing points. NASA submitted a letter work plan for sampling at the former rifle and aircraft gun testing firing points in March 2015. Regulator comments were received and resolved in May and the final plan was issued May 15, 2015 (Tetra Tech, 2015d). Supplemental sampling was conducted in June 2015 and the results presented in a Data Summary Report dated July 27, 2015 (NASA, 2015a). The report was

accepted as final with no comments. Concurrent to the sampling, NASA initiated preparation of an EE/CA for a NTCRA at the Pistol/Rifle Range. The draft EE/CA was submitted June 16, 2015. Regulator comments received in August were resolved in December and the final document issued December 8, 2015 (Tetra Tech, 2015m). A public notice regarding the removal action was published and no comments were received during the comment period from January 13, 2016 to February 15, 2016. An AM describing and authorizing the removal action was signed in March and issued in April 2016 (NASA, 2016). A draft RAWP detailing the planned action was submitted for regulator review in January 2016. Comments were received in April and resolved in May 2016. The final RAWP was issued May 24, 2016 (Tetra Tech, 2016e). The soil removal action to remove contamination from the pistol range target area and rifle range target area was conducted from May through August 2016, and the draft Construction Completion report was submitted for review on November 10, 2016. The Construction Completion Report was finalized in March 2017 (Tetra Tech, 2017b) and NASA, EPA, and DEQ signed a NFA Consensus Statement on March 21, 2017.

Table 5-9 reflects the completion of all planned activities for the Pistol/Rifle Range. See Section 6.0 for activities conducted at the Skeet Range.

5.1.12 South End Disposal Area (SEDA)

The SEDA consisted of an elevated berm oriented perpendicular to the Atlantic Ocean shore line at the southern end of Wallops Island. The berm was approximately 50 feet long and up to 20 feet wide and appeared to contain soil, sand, concrete and metal debris. The SEDA was identified as an AOC in late 2009 after a series of severe storms caused significant beach erosion and the presence of military munitions were discovered at the base of the southern berm. NASA secured the area and an Air Force EOD unit from Dover Air Force Base responded and treated the munitions on site. The EOD unit identified the munitions as 3.5-inch M28 and M29 Rockets. Because of their unknown source and the possible presence of additional munitions, NASA installed and maintained temporary fencing along the southern end of the island and restricted access to the area of concern. In addition, NASA trained security personnel conducted visual inspections of the area after subsequent storms to coordinate additional response actions, as necessary.

Between November 2009 and March 2010, twenty-one 1950s-era rocket propelled grenades (RPGs) and NASA-related spin motors and rocket debris were identified by NASA and treated by the Dover Air Force Base EOD team. The EOD team stated in March that further response actions would not be provided because the RPGs and other MEC appeared to be a site rather than indiscriminant MEC washing ashore from the ocean. In response to the reoccurrence of the MEC and the unknown source, NASA conducted a preliminary Principle Responsible Party Analysis and determined that NASA may have used the area in

the vicinity of the SEDA for burning of excess rockets from the late 1960s to the 1980s, and that NASA may have buried the RPGs at the SEDA sometime in the early 1980s when the RPGs were found in a former Navy building being demolished.

In May 2010, NASA, EPA and DEQ reviewed the SEDA findings and it was agreed that NASA would address potential safety hazards by conducting a limited response action to remove and treat remaining MEC items (NASA, 2010). A work plan documenting the Early Action was prepared and submitted to the regulators for informational purposes in September 2010 (TtNUS, 2010k)). The removal action, consisting of excavating the berm and shallow soils and the inspection/survey, removal and treatment of MEC was conducted in October and November 2010. Sixteen additional RPGs and two NASA spin motors were recovered and treated during the early action. A report summarizing the early action was submitted and finalized in February 2011 (TtNUS, 2011b).

Concurrent with these response actions, NASA initiated the preparation of a Preliminary Assessment. The assessment included the review of historical records and aerial photographs, and conducting a series of interviews with current and former NASA employees. The draft Preliminary Assessment report was submitted for regulator review in May 2011. Regulator comments were received in late September and responded to in November 2011. Comment resolution was reached in September 2012 and the final Preliminary Assessment Report was issued on September 28, 2012 (Tetra Tech, 2012g). Based on the findings presented in the preliminary assessment, NASA agreed to conduct a focused sampling study to complete the site screening process. A draft Sampling and Analyses plan was submitted in July 2012. Regulator comments were received and resolved in August and September 2012 and the final Sampling and Analysis Plan was issued on September 11, 2012 (Tetra Tech, 2012h). Regulator approval of the plan was received in October and field activities were conducted in November 2012. A draft Site Screening Report was issued in April 2013. Regulator comments were received in June 2013, responded to in August 2013, and resolved in January 2014. The final report, recommending NFA for SEDA, was issued in February 2014 (Tetra Tech, 2014e). EPA and DEQ signed the NFA Concurrence Statement in February and March 2014, respectively. Table 5-10 reflects the completion of all planned activities for this Site.

5.1.13 Area of Interest – 20 Transformer (AI-20)

AI-20 is a pole-mounted transformer located at the north end of Wallops Island, see Figure 4-11. The northern portion of Wallops Island is largely undeveloped, with a few roads, and is dominated by wetlands, marshes, and maritime forests, and open brush lands. AI-20 is located in a remote area of the Island and consists of a transformer pole with a dangling transformer attached to the pole. The area is densely vegetated. The remains of a lookout tower and a small building are located east of the

transformer pole. Wetlands have been delineated to the north and south of AI-20. The site is bounded to the east by a sand dune (approximately 10 feet high) that serves as a barrier to the Atlantic Ocean and to the west by a maritime forest that leads to the Chincoteague Sound. Access to the site currently is limited to a walking trail along the sand dune.

AI-20 was identified during a PA conducted by USACE under the FUDS Program. The PA consisted of a review of aerial photo analysis, site reconnaissance and employee interviews. The pole-mounted transformer at AI-20 is an abandoned remnant of power supply structures installed by the Navy in the 1950s. The AI-20 transformer likely contains/contained PCBs, because they were used as coolants and lubricants in transformers from 1929 until 1977. A SI at AI-20 was conducted by USACE in 2012. Three surface soil samples were collected around the pole-mounted transformer and were composited into one sample to determine the presence of PCBs. The U.S. Army Corps of Engineers (USACE) reported that PCBs were detected in the soil at 20,000,000 micrograms per kilogram (µg/kg) in the primary sample and 51,000,000 µg/kg in the duplicate sample. The exact sample locations and the raw laboratory analytical results from the initial investigation are not available. In 2013, NASA, DEQ and EPA conducted a joint site reconnaissance of AI-20 and the transformer was found dangling from the pole and was suspected to be damaged.

In 2014, NASA decided to take responsibility for follow-up investigations at AI-20. NASA discussed possible response actions with EPA and DEQ and initiated a site screening investigation to confirm the presence of PCBs and provide data to plan further response actions. The draft Site Screening Work Plan was submitted in August 2014. Comments were received and resolved in September and the final Work Plan was issued September 30, 2014 (Tetra Tech, 2014j). The start of field work was delayed by launch activities on Wallops Island and sampling was completed in from November 10 through December 4, 2014. Analytical results and site findings were presented in a draft Characterization Report submitted February 20, 2015. Regulator comments were received and responded to in April 2015. Comments were resolved and the final report was issued May 15, 2015 (Tetra Tech, 2015e). Based on the site findings it was agreed that NASA would conduct a Time Critical Removal Action (TCRA) to address releases at the site. NASA submitted a draft Action Memorandum for regulator concurrence on March 10, 2015. Regulator comments were received March 30 and resolved in late April. NASA finalized and issued the Action Memorandum on June 29, 2015 (NASA, 2015b). Concurrent to preparation of the Action Memorandum, a draft RAWP was prepared and submitted to the regulators for review on April 9, 2015. EPA and DEQ comments were received May 19, 2015 and responded to and resolved in June 2015. The final RAWP was issued July 24, 2015 (Tetra Tech, 2015f). A public notice announcing the removal action was published in the local newspapers July 29 and 30, 2015. Removal actions commenced August 3, 2015 and field activities were completed on August 31, 2015. The Removal Action Completion Report presenting the post removal sampling results and summarizing removal activities was submitted in

December 2015. Comments were received in March and resolved in June 2016. The final report was prepared in July and A No Further Action Concurrence Statement was signed by EPA, DEQ and NASA in September 2016 (NASA, 2016a). Table 5-11 reflects the completion of all planned activities for this Site.

5.1.14 North Island Transformers

The North Island Transformers Site includes 17 former electrical poles/transformers that are located in the northern portion of Wallops Island, see Figure 4-1. The northern portion of Wallops Island is largely undeveloped, with a few roads, and is dominated by wetlands, marshes, and maritime forests, and open brush lands. NASA site reconnaissance located some of these transformers and found a variety of site conditions including the presence of a pole stub only, transformer remnants on the ground, or transformers that are still attached to the pole.

The pole locations were identified on historical facility drawings during the USACE initial assessment of AI-20. The investigation of AI-20 prompted additional review of aerial photos and site reconnaissance by NASA to determine if other transformers remained on the island. The analysis identified 17 additional former transformer locations. Further investigation of these sites was delayed into 2014, while responsibility for conducting further assessment of the 17 locations was discussed with the USACE.

In 2014, NASA decided to take responsibility for follow-up investigations of North Island Transformers (NIT). NASA discussed possible response actions with EPA and DEQ and initiated a site screening investigation to determine if transformers and/or PCB contamination exists at the 17 locations. The Site Screening Work Plan was submitted in August 2014. Comments were received and resolved in September and the final Work Plan was issued October 15, 2014 (Tetra Tech, 2014j). The start of field work was delayed by launch activities on Wallops Island and sampling completed December 5, 2014. A draft Site Screening report was submitted February 24, 2015. EPA and DEQ comments were received March 30, 2015 and responded to on May 22, 2015. Comment resolution extended to August 4, 2015 and the final report was issued August 10, 2015 (Tetra Tech, 2015g). Based on the results of the site screening, NASA, EPA and DEQ agreed that No Further Action was necessary for former transformer locations NIT-9, -10, -11, and -15, additional screening was warranted at NIT-2, -3, -4, -5, -6, -8, -12, -13, and -16, and action was required at NIT-1, -7, -14, and -17. NASA agreed to conduct further characterization at NIT-1 and NIT-17 to support a decision to conduct a TCRA. A draft Site Characterization Work Plan was submitted on March 13, 2015. Regulator comments were received in late March, responded to in April, and resolved in May 2015. The final work plan was issued June 16, 2015 (Tetra Tech, 2015h). The field work and sampling were conducted in July 2015. The draft report of findings was submitted to EPA and DEQ on October 26, 2015 and finalized in January 2016 (Tetra Tech, 2016c). The findings confirmed that a TCRA was an appropriate action for NIT-1, NIT-7, NIT-14 and NIT-

17. An AM documenting the need for and authorizing the action was finalized and signed in January 2016 (NASA, 2016b). A draft RAWP detailing the planned action was submitted to EPA and DEQ for review in December 2015. Comments were received and resolved in January 2016. The final RAWP was issued in February and a public notice announcing the removal action was published in March 2016. The TCRA was implemented from March through April 2016 and a draft Construction Completion Report documenting the action was submitted for review in August 2016. Comments were received in October 2016 and responded to and resolved in November 2016. The final report was submitted in December 2016 (Tetra Tech, 2016h). On March 21, 2017, NASA, EPA, and DEQ signed a NFA Consensus Statement for NITs-1, -7, -14, and -17.

A letter work plan for conducting additional site screening at the remaining NIT locations was prepared and submitted to the regulators on June 25, 2015. EPA and DEQ comments were received on July 24 and the final work plan was issued July 29, 2015 (Tetra Tech, 2015i). Field sampling was conducted in September and a Technical Memorandum presenting the findings was finalized and issued in February 2016 (NASA, 2016c). The findings confirmed that no additional action was required at the remaining transformer locations. A Consensus Document summarizing the actions taken at the 13 transformer locations not addressed by removal actions, was prepared and submitted in March 2016. Comments were received by June 2016 and resolved in July 2016. The final document containing a No Further Action Concurrence Statement was signed by EPA, DEQ and NASA in September 2016 (NASA, 2016d). 5-12 reflects the completion of all planned activities for this Site.

5.1.15 Structures F-10A/F-10B (Paint Locker and Battery Shop)

Structures F-10/F-10B are located in the western portion of the industrialized area of Main Base, see Figure 4-5. The buildings were identified as a Site in FY 2016. The two buildings were constructed and used during the Navy tenure at WFF and have been used by NASA since 1960. Building F-10A has been used for temporary storage of drums containing oils, solvent and lubricants while building F-10B has been used to store batteries and has housed a metal cutting and shop paint shop. A work plan for conducting an SI at F-10A/F-10B was finalized in December 2016 (Tetra Tech, 2016i) and, following field activities, the draft SI Report was issued in June 2017. NASA submitted the Draft Final Site Screening Report on December 11, 2017. Comments from the DEQ were received on December 21, 2017 and comments from the EPA were received on February 13, 2018. Responses to comments have been delayed but are currently being prepared. Because this site is within the boundaries of the Project 11 RI study area (Section 6.1.9), NASA recommended that the F-10A/F-10B data be evaluated in conjunction with the Project 11 RI data to determine the appropriate path forward. The schedule of past and upcoming activities at the site is included in Table 5-13.

5.1.16 Building N-166 (Alcohol Storage Building)

Building N-166 is a one-story cinder block storage shed located in the southeastern portion of the industrialized area of Main Base. Building N-166 was built during the Navy operations and used at that time for alcohol storage and for packaging explosives. The building has been used by NASA for storage of building components and office supplies and records. Samples of nearby soils and groundwater were collected and analyzed for VOCs, metals and PCB as part of other ongoing USACE investigations. The analytical results indicated that chemicals were not detected or if present were below background and/or below health-based screening levels. Samples have not been analyzed for explosive constituents. A work plan for conducting an SI at N-166 was finalized in December 2016 (Tetra Tech, 2016i) and, following field activities, the draft SI Report was issued in June 2017. NASA submitted the Draft Final Site Screening Report on December 11, 2017. Comments from the DEQ were received on December 21, 2017 and comments from the EPA were received on February 13, 2018. Based on these comments, EPA and DEQ are expected to approve NFA for this site. Responses to comments have been delayed, but are currently being prepared; the final Site Screening Report will request NFA for Building N-166. Following approval of the Site Screening Report, NASA will submit an NFA Consensus Statement for Building N-166. The schedule of past and upcoming activities at the site is included in Table 5-14.

5.1.17 Former Circular Area (FCA)

The FCA is an area that was originally noted as a potential disturbed area on historical aerial photographs and is south of the Boat Basin, see Figure 4-5. The area was initially investigated under the ongoing USACE Project 7 RI. Geophysical surveys conducted within the FCA suggested the presence of buried materials and metals. Test pit excavations of the most prominent anomalies within the FCA uncovered construction, road, and building debris. As Project 7 concentrates on munitions related investigations the area was eliminated from further study under Project 7. NASA accepted the primary role of conducting further screening investigations of the FCA during FY 2016. A work plan for conducting an SI at the FCA was finalized in December 2016 (Tetra Tech, 2016h) and, following field activities, the draft SI Report was issued in June 2017. NASA submitted the Draft Final SI Report on December 11, 2017. Comments from the DEQ were received on December 21, 2017 and comments from the EPA were received on February 13, 2018. This document has been discussed at RPM Meetings. Based on these discussions, an Expanded Site Investigation (ESI) will be completed. The SI Report will not be finalized and site screening will be completed in the ESI. The draft ESI SAP was submitted to regulators on June 14, 2023; EPA comments were received on August 23, 2023; DEQ concurred with those comments on August 31, 2023. Response to comments were submitted on December 4, 2023 and approved by the EPA on January 23, 2024; the final ESI SAP was submitted on February 12, 2024 (NASA, 2024a). Field work is expected to

be completed by May 2024. The schedule of past and upcoming activities at the site is included in Table 5-15.

5.1.18 PFAS Sampling

In response to detecting the presence of PFAS compounds in the FFTA groundwater, NASA initiated a drinking water sampling program. On April 7, 2017, NASA submitted a draft work plan for sampling and analyzing NASA and the TOC water supplies and select monitoring wells for PFAS. To supplement this planned sampling, NASA prepared and submitted a work plan Addendum to advance soil borings and collect groundwater grab samples at the western boundary of the facility. EPA and DEQ had no comments on the draft Work Plan. DEQ had no comments on the Addendum and EPA comments on the Addendum were received April 10, 2017. Response to comments and the final Addendum were issued April 19, 2017. EPA and DEQ concurred with the Addendum and the final Addendum was approved on April 19. 2017. NASA conducted sampling in April and May 2017. NASA coordinated these efforts with the TOC, EPA, DEQ and other local, state, and federal agencies and has established a working group of stakeholders to ensure a consensus on ongoing actions. A draft report of these activities was submitted in July 2017 with the final report submitted in October 2017 (Tetra Tech, 2017c) and approved by the regulators that same month. NASA coordinated these efforts with the TOC, EPA, DEQ and other local, state, and federal agencies and has established a working group of stakeholders to ensure a consensus on ongoing actions.

The water supply sampling and analysis program (including WFF wells, TOC wells, and Trails End Campground wells) continues and is adjusted and directed, with input from the stakeholders listed above, as analytical results become available. A Public Information Session to discuss the sampling and results was held on June 14, 2017 at the WFF Visitor's Center. Sampling since the last SMP (March 2021) has included quarterly sampling of the WFF drinking water wells and WFF finished drinking water and monthly sampling of the Town of Chincoteague shallow drinking water wells and finished drinking water; Town of Chincoteague deep drinking water wells are sampled on a quarterly basis. The water supply sampling and analysis program is adjusted and directed as analytical results become available. To this point, no finished drinking water samples have contained PFAS above the EPA HA. Public Information Sessions to discuss the sampling and results were held on December 19, 2018 and April 2, 2019 at the WFF Visitor Center. NASA also maintains and regularly updates an Information Sheet titles "Environmental Testing at Wallops" on the NASA Wallops website. The Information Sheet is updated regularly to provide the latest information on PFAS at NASA Wallops.

A Draft Data Report for PFAS perimeter monitoring and observation well installation and sampling was submitted on March 15, 2018. A Draft Data Report for PFAS perimeter monitoring and observation well

installation and sampling was submitted on March 15, 2018. EPA comments were received on August 15, 2018; on August 8, 2018, DEQ accepted the report with no comments. Responses to the EPA comments were submitted on November 28, 2018. The EPA accepted the responses on January 31, 2019 and the Final report was submitted on February 8, 2019 (NASA, 2019c). Following installation, quarterly sampling of these wells has continued. A draft annual report, covering the sampling through June 2018, was submitted on February 6, 2019. DEQ comments were received on February 27, 2019 and EPA comments were received on March 28, 2019. NASA submitted responses to comments on September 11, 2019; EPA and DEQ approved the responses on September 12, 2019 and September 16, 2019, respectively. The final annual report was submitted on September 27, 2019 (NASA, 2019d). DEQ final approval was received on November 4, 2019. EPA final approval was received on December 20, 2019.

NASA also submitted a Draft Preliminary Assessment and Site Investigation (SI) Work Plan for PFAS at WFF on May 24, 2018. DEQ indicated on June 19, 2018 that it did not have comments. EPA comments were received on July 12, 2018. The revised document with responses to comments was submitted on November 1, 2018. EPA and DEQ comments on the document were received on February 20 and 21, 2019, respectively. EPA concurred verbally to the responses on March 5, 2019 and approved finalization of the report and with NASA starting field activities. The final Work Plan was submitted on March 29, 2019 (NASA, 2019e). DEQ approval was received on April 8, 2019. EPA final approval was provided on December 20, 2019. Field work was completed from April through September 2019. The results through the initial sampling were discussed in a meeting with EPA, DEQ, and other stakeholders on July 10, 2019 and additional sampling was agreed upon. At the September 2019 RPM Meeting, it was agreed that additional surface water sampling would take place quarterly for a period of one year; the first round of this sampling occurred in October 2019 and three more quarterly events have been completed.

The draft SI Report was submitted on May 29, 2020; EPA comments were received on July 16, 2020 and DEQ comments were received on July 6, 2020. NASA submitted responses to comments on September 24, 2020. The final SI Report was submitted on November 18, 2020 (NASA, 2020a) and approved by EPA on December 21, 2020 and by DEQ on January 28, 2021. Table 5-16 summarizes the findings of the Main Base PFAS SI.

Based on the additional field activities conducted, NASA prepared a draft PFAS SI Addendum and submitted it on November 18, 2020. EPA comments were received on January 11, 2021; DEQ had no comments (February 3, 2021). Responses to EPA comments will be submitted on February 24, 2021. The Final SI Addendum Report (NASA, 2021c) was submitted on October 26, 2021 and approved by EPA on February 17, 2022.

The draft 2019 Annual PFAS Report was submitted on November 17, 2020. EPA approval was received on January 12, 2021 and DEQ approval was received on January 15, 2021. The final 2019 Annual PFAS Report was submitted on January 19, 2021 (NASA, 2021d). The draft 2020 Annual Report was submitted on October 13, 2021 and EPA comments were received on December 3, 2021. NASA submitted responses to EPA comments on February 1, 2022. The final 2020 Annual Report was submitted on April 4, 2022 with EPA concurrence received April 26, 2022 (NASA, 2022e).

On April 27, 2021, NASA started up a PFAS treatment system for the Town of Chincoteague shallow wells TOC-3A, 3B, and 3C and deep well TOC-5. The system consists of two treatment trains, each consisting of two vessels containing 10,000 pounds of granular activated carbon set up in a lead lag configuration. Treatment alternates between the two trains on an approximately weekly basis. The system has treated more than 28 million gallons of water from TOC-3A, 3B, and 3C. The Town has not operated TOC-5 since the system has been operating. Samples are periodically collected from the influent, effluent of the first vessel, and effluent of the second vessel of the train that is operating that day; this sampling was conducted daily for the first 8 days of operation, then weekly for 8 weeks, and is now being conducted on a bi-weekly basis. As shown below, reports detailing system sampling and operation are submitted monthly.

Treatability studies have been conducted at the WWTP, FFTA, Wallops Island, and various outfalls. These tests have successfully reduced PFAS migration off-site via surface water and have provided a significant amount of data for the design of any future remedial actions.

The following documents were submitted, and/or EPA comments/approval received, during the previous SMP periods beginning in March 2021 and ending in February 2023:

- Uniform Federal Policy – Quality Assurance Project Plan (UFP-QAPP) for PFAS Sampling at WFF
    - Draft Submitted - April 21, 2021
    - EPA comments received - June 10, 2021
    - Response to Comments (RTCs) sent to EPA - July 9, 2021
    - DEQ approval – June 29, 2021
    - Final Submitted (NASA, 2021e) – August 11, 2021
    - EPA approval – August 16, 2021
- PFAS Main Base Expanded Site Investigation (ESI) Work Plan
    - Draft Submitted - April 21, 2021
    - EPA comments received - June 10, 2021
    - RTCs sent to EPA - July 9, 2021
    - DEQ approval – June 29, 2021

  - Final Submitted (NASA, 2021f) – August 11, 2021
  - EPA approval – August 27, 2021
- Wallops Island PFAS Preliminary Assessment/Site Investigation (PA/SI) Work Plan
  - Draft Submitted – July 6, 2021
  - EPA comments received – August 17, 2021
  - DEQ approval – September 14, 2021
  - Response to comments submitted – September 20, 2021
  - Response to comments approved by EPA – September 24, 2021
  - Final PA/SI Work Plan (NASA, 2021g) submitted – September 28, 2021
- PFAS Treatability Studies Work Plan –
  - Draft submitted – June 28, 20211
  - EPA comments received – August 13, 2021
  - Response to comments submitted – November 3, 2021
  - EPA approval of response to comments – January 11, 2022
- Town of Chincoteague PFAS Treatment System Monthly Operations Reports
  - Report for the period April 27 through June 16, 2021; Submitted – July 20, 2021 (NASA, 2021h)
  - Report for the period June 17 through July 14, 2021; Submitted – August 17, 2021 (NASA, 2021i)
  - Report for the period July 15 through August 31, 2021; Submitted – September 13, 2021 (NASA, 2021j)
  - Report for September 2021; Submitted – October 14, 2021 (NASA, 2021k)
  - Report for October 2021; Submitted – November 23, 2021 (NASA, 2021l)
  - Report for November 2021; Submitted – January 11, 2022 (NASA, 2022a)
  - Report for December 2021; Submitted – January 31, 2022 (NASA, 2022b)
- Routine PFAS Sampling Work Plan
  - Draft Submitted – July 19, 2021
  - EPA comments received – August 27, 2021
  - DEQ approval – October 4, 2021
  - Response to comments submitted – October 21, 2021
  - Response to comments approved – December 13, 2021
  - Final Routine PFAS Work Plan (NASA, 2022c) – January 25, 2022
  - EPA approval - February 14, 2022
- Letter to DEQ regarding discharge of treated water from the investigation-derived waste (IDW) treatment system submitted – July 7, 2021
- Routine Monitoring Work Plan – Revision 1
  - Draft Submitted – December 14, 2022

- Wallops Island PFAS Preliminary Assessment/Site Investigation Work Plan
    - EPA approval – August 18, 2022
- SI Report for Wallops Island
    - Draft Submitted – November 2, 2022
    - EPA comments received – February 13, 2023
- Pad 0-B PFAS Report
    - Draft Submitted – January 9, 2023
- 2020 Annual PFAS Report
    - RTCs Submitted – March 1, 2022
    - Final Submitted – April 4, 2022 (NASA, 2022e)
    - EPA approval – April 26, 2022
- 2021 Annual PFAS Report
    - Draft Submitted – November 3, 2022
- Town of Chincoteague PFAS Treatment System Monthly Operations Reports
    - Report for January 2022; Submitted – April 14, 2022 (NASA, 2022f)
    - Report for February 2022; Submitted – April 14, 2022 (NASA, 2022g)
    - Report for March 2022; Submitted – June 16, 2022 (NASA, 2022i)
    - Report for April 2022; Submitted – June 16, 2022 (NASA, 2022j)
    - Report for May 2022; Submitted – September 7, 2022 (NASA, 2022o)
    - Report for June 2022; Submitted – September 7, 2022 (NASA, 2022p)
    - Report for July 2022; Submitted – November 28, 2022 (NASA, 2022u)
    - Report for August 2022; Submitted – November 28, 2022 (NASA, 2022v)

Significant PFAS sampling activities continue at the site. Multiple documents have been submitted in this SMP period (March 2023 to February 2024):

- Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for PFAS – Revision 1
    - Submit draft – April 11, 2023
    - Receive EPA comments – June 5, 2023
    - Receive DEQ comments – July 17, 2023
    - Submit response to comments and revised SAP – August 14, 2023
    - EPA concurrence – September 20, 2023
    - Submit final document – September 28, 2023 (NASA, 2023x)
- Routine Monitoring Work Plan – Revision 1
    - Receive EPA comments – February 27, 2023
    - DEQ indicates that they have no comments – April 3, 2023
    - Submit response to comments and revised Work Plan – April 19, 2023

  - Receive additional EPA comments – May 30, 2023
  - Submit additional response to comments and receive concurrence – June 16, 2023
  - Submit final Work Plan – June 16, 2023 (NASA, 2023k)
  - Receive EPA approval – July 18, 2023
- 2021 Annual PFAS Report
  - Receive EPA comments – April 13, 2023
  - Submit response to comments and revised report – April 21, 2023
  - Comment resolution – June 1, 2023
  - Submit final report – June 13, 2023 (NASA, 2023h)
- 2022 Annual PFAS Report
  - Draft Report submitted – October 22, 2023
- Main Base Expanded Site Investigation Report
  - Draft Report submitted – March 20, 2023
  - Receive EPA comments – May 18, 2023
  - DEQ indicates they have no comments – July 26, 2023
  - Submit response to comments and revised report – August 14, 2023
  - Comment resolution – September 7, 2023
  - Submit final report – September 11, 2023 (NASA, 2023u)
  - EPA approval – October 24, 2023
- Wallops Island Site Investigation Report
  - Receive DEQ comments – March 3, 2023
  - Submit response to comments and revised report – March 6, 2023
  - Receive EPA comments – March 7, 2023
  - Receive additional EPA comments – May 23, 2023
  - Submit additional response to comments and revised report – July 5, 2023
  - Comments resolution with EPA – July 13, 2023
  - DEQ concurs with response to comments – July 17, 2023
  - Submit final report – July 17, 2023 (NASA, 2023p)
- Pad 0-B PFAS Investigation Report
  - Receive EPA comments – March 7, 2023
  - DEQ indicates that they have no comments – April 3, 2023
  - Submit response to comments and revised report – April 19, 2023
  - Comment resolution – May 30, 2023
  - Submit final report – June 14, 2023 (NASA, 2023i)
- Town of Chincoteague PFAS Treatment System Monthly Operations Reports
  - Report for September through November 2022 submitted – April 3, 2023 (NASA, 2023e)
  - Report for December 2022 submitted – April 12, 2023 (NASA, 2023f)

- Report for January 2023 submitted – June 20, 2023 (NASA, 2023l)
- Report for February 2023 submitted – June 20, 2023 (NASA, 2023m)
- Report for March 2023 submitted – July 17, 2023 (NASA, 2023o)
- Report for April 2023 submitted – August 4, 2023 (NASA, 2023q)
- Report for May 2023 submitted – August 4, 2023 (NASA, 2023r)
- Report for June 2023 submitted – August 4, 2023 (NASA, 2023s)
- Report for July 2023 submitted – September 26, 2023 (NASA, 2023v)
- Report for August 2023 submitted – October 30, 2023 (NASA, 2023z)
- Report for September 2023 submitted – November 8, 2023 (NASA, 2023aa)
- Report for October 2023 submitted – December 13, 2023 (NASA, 2023bb)

Based on the data received to date for the Main Base and Wallops Island, NASA, EPA, and DEQ have divided the facility into four OUs to complete Phase 1 PFAS RIs and subsequent actions; these OUs (Main Base East, Main Base North, Main Base Central, and Wallops Island) are addressed in Sections 5.1.19 through 5.1.22.

Table 5-17 summarizes past and upcoming activities related to PFAS sampling.

5.1.19 PFAS Main Base East, OU 10

In November 2023, NASA and EPA agreed to classify the PFAS impact in the eastern part of the Main Base at WFF as OU 10, PFAS Main Base East (Figure 4-12). As shown in the figure, the primary potential PFAS source areas in Main Base East are the Building B-129 Fire Station, the Lear Jet Crash Area, the Observation Well 6/Building N-169 area, and the Runway 4-22 AFFF response area. These areas and associated surface water features are the primary investigation areas for the on-going Main Base East PFAS RI. Documents for this OU include:

- PFAS Main Base East RI Phase 1 Work Plan
  - Draft submitted - 8/22/23
  - EPA comments received – 10/17/23 and 12/22/23
  - DEQ comments received – 11/16/23
  - Response to Comments and Final Revision 0 submitted – 1/19/24

Field investigations for the PFAS Phase 1 Work Plan began in November 2023 and are nearly complete.

Table 5-18 summarizes past and upcoming activities related to PFAS Main Base East.

5.1.20 PFAS Main Base North, OU 11

In November 2023, NASA and EPA agreed to classify the PFAS impact in the northern part of the Main Base at WFF as OU 11, PFAS Main Base North (Figure 4-12). As shown in the figure, the primary potential PFAS source areas in Main Base North are the Former Fire Training Area and the Lear Jet Soil Bioremediation Landfarm. These areas and associated surface water features are the primary investigation areas for the on-going Main Base North PFAS RI, although other areas with lesser PFAS impact are also being investigated. Documents for this OU include:

- PFAS Main Base North Soil Delineation Work Plan (soil delineation is being conducted ahead of the Phase 1 RI to support potential interim action)
    - Draft submitted – 9/18/23
    - EPA comments received – 10/24/23
    - DEQ comments received – 10/16/23
    - Response to Comments submitted – 10/27/23
    - Comment resolution – EPA – 10/30/23; DEQ - 2/1/24
    - Final submitted – 2/21/24 (NASA, 2024c)
- PFAS Main Base North Phase 1 RI Work Plan
    - Draft to be submitted in March 2024

Field activities associated with the Soil Delineation Work Plan are complete; Phase 1 RI field activities are scheduled to begin in April 2024.

Table 5-19 summarizes past and upcoming activities related to PFAS Main Base North.

5.1.21 PFAS Main Base Central, OU 12

In November 2023, NASA and EPA agreed to classify the PFAS impact in the central part of the Main Base at WFF as OU 12, PFAS Main Base Central (Figure 4-12). As shown in the figure, the primary potential PFAS source areas in Main Base Central are the Fire Training Pit and the D-1 West Fire Training Area. These areas and associated surface water features are the primary investigation areas for the Main Base Central PFAS RI, although other areas with lesser PFAS impact are also being investigated. These areas generally have lower PFAS concentrations than Main Base East and Main Base North. No documents have been submitted for this OU since it was established in November 2023. The Draft Main Base Central Phase 1 Work Plan is scheduled to be submitted by September 20, 2024.

Table 5-20 summarizes past and upcoming activities related to PFAS Main Base Central.

5.1.22 PFAS Wallops Island, OU 13

In November 2023, NASA and EPA agreed to classify the PFAS impact at Wallops Island as OU 13, PFAS Wallops Island (Figure 4-13). As shown in the figure, the primary potential PFAS source areas Wallops Island include Building X-15 Wallops Island Fire Station (Old), Building V-27 Wallops Island Fire Station (New), Building X-5 Service Station, South UAS Airstrip, Open Burn Area, Mainland, Central Wallops Island, and Northern Wallops Island, although other areas with lesser PFAS impact are also being investigated. Documents for this OU submitted since it was established in November 2023 include:

- PFAS Wallops Island Phase 1 RI Work Plan
    - Draft submitted – 12/13/23
    - Comments received from EPA – 2/13/24

PFAS Phase 1 RI field activities began in February 2024 and are expected to be substantially complete by April 2024.

Table 5-21 summarizes past and upcoming activities related to PFAS Wallops Island.

5.1.23 South Wallops Island Perchlorate

NASA has used the Open Burn Area, located on the south end of Wallops Island adjacent to the former SEDA, since 1972 as the preferred method of treatment for waste rocket motors and igniters. This method is considered the safest treatment of these materials. In 1988, NASA submitted a RCRA Part B Permit Application and operated under interim status until the final Permit for Open Burning Treatment of Hazardous Waste was issued by DEQ on September 20, 2005. On May 19, 2015, and August 26, 2015, NASA submitted the OB permit renewal and the Human Health and Ecological Risk Assessment Protocol, respectively, in accordance with the extensions granted by DEQ on March 3, 2015. DEQ issued a new permit, which took effect on April 13, 2018, and expires April 13, 2028. The new permit moves WFF from groundwater detection monitoring to groundwater compliance monitoring. Groundwater monitoring was initially conducted under a Detection Monitoring Program from initial permit issuance in 2005 until hazardous constituents related to the site were determined to be statistically significant above background concentrations in 2014. Compliance monitoring is now completed semiannually for Code of Federal Regulations Part 264 Appendix IX constituents.

Since 2018, perchlorate levels have exceeded the GPS in several compliance sampling events. In accordance with the Permit, an Open Burn Area Perchlorate Investigation was completed and an

Alternate Source Report for the Perchlorate Investigation at monitoring well MW02 was submitted to DEQ on July 29, 2020. The investigation, which occurred between March 16 through 20, 2020, found perchlorate above screening levels in sampling location DP06 and exceedances of the GPS in two monitoring wells, MW02 and TW02 (temporary well). The report confirmed that the perchlorate levels at MW02, which exceeded the GPS, were not attributed to treatment activities at the OB Area. NASA proposed that further investigations and remedial/removal actions recommended in the report be performed under this AAOC with the EPA and with oversight by the DEQ Federal Facility Restoration Program. DEQ accepted this approach in a letter dated September 11, 2020. Permit compliance monitoring will remain with DEQ Office of Financial Responsibility and Waste Programs. A draft Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for a perchlorate investigation was submitted on January 27, 2022. DEQ comments were received on March 11, 2022 and EPA comments were received on March 25, 2022. Response to comments and the draft final UFP-SAP were submitted on January 26, 2023. During this period, DEQ concurrence on the UFP-SAP was received on May 19, 2023 and EPA concurrence was received on May 23, 2023. NASA submitted the final SAP on June 14, 2023 (NASA, 2023j) and field sampling was completed in June 2023. The draft South Wallops Island Perchlorate report is scheduled to be submitted in April 2024.

Table 5-22 summarizes past and upcoming activities at the South Wallops Island Perchlorate site.

5.2 SITE MANAGEMENT PLAN UPDATES AND REPORTING

The FY 2006 SMP was submitted as a draft in November 2005, finalized in May 2006 and approved by EPA in June 2006 (TtNUS, 2006c). In accordance with the AAOC, the approved SMP is to be updated annually to reflect completed, ongoing, and planned activities. Each update is required to be a planning tool that addresses the activities that will be completed in the ensuing two Fiscal Years for sites addressed under U.S. EPA Docket Number: RCRA-03-2004-0201TH. These same requirements also now extend to the sites addressed under U.S. EPA Docket Number: RCRA-03-2021-0022TH.

Based on the schedules established in the initial SMP, annual updates are to be submitted to EPA and DEQ for review and approval each December. The draft 2007 SMP was submitted November 30, 2006 and finalized in March 2007 (TtNUS, 2007g). The draft version of the 2008 SMP was submitted November 28, 2007 and finalized in May 2008 (TtNUS, 2008c). The draft version of the 2009 SMP was submitted December 3, 2008 and finalized in April 2009 (TtNUS, 2009k). The draft version of the 2010 SMP was submitted December 1, 2009 and finalized in February 2010 (TtNUS, 2010l). The draft version of the 2011 SMP was submitted December 10, 2010 and finalized in June 2011 (TtNUS, 2011c). The draft version of the 2012 SMP was submitted December 5, 2011 and finalized in April 2012 (TtNUS, 2012k). The draft version of the 2013 SMP was issued on December 13, 2012. Comments were received

and responded to in April 2013. Comment resolution was not reached until September and the final 2013 SMP was issued September 17, 2013 (Tetra Tech, 2013e). The 2014 SMP was due December 1, 2013 but because of the delay in finalizing the 2013 SMP, EPA granted an extension until February 2014 for the 2014 SMP. The draft version of the 2014 SMP was issued on February 11, 2014. Comments were received and responded to in March 2014. The final 2014 SMP was issued March 19, 2014 (Tetra Tech, 2014i). The 2015 SMP was due December 1, 2014 but because of other mission critical activities at the facility, EPA granted an extension until December 22, 2014 for the 2015 SMP. The draft was submitted December 17, 2014. Regulator comments were received February 9 and responded to February 15, 2015. Resolution of comments was confirmed in May and the final FY 2015 and FY 2016 SMP was issued June 9, 2015 (Tetra Tech, 2015l). The FY 2016 and FY 2017 SMP was submitted December 1, 2015 and finalized in June 2016 after resolving comments received in April 2016 (Tetra Tech, 2016f). The FY2017 and FY2018 SMP was submitted on December 9, 2016 and finalized in April 2017 after resolution of regulator comments. This FY2018 and FY2019 SMP was submitted as a draft on December 11, 2017 and finalized in March 2018 after resolution of regulator comments (NASA, 2018d). The FY2019 and FY2020 SMP was submitted as a draft on December 12, 2018 and finalized on June 10, 2019 after resolution of regulator comments (NASA, 2019f). The FY2020 and FY2021 SMP was submitted as a draft on November 27, 2019; after incorporation of regulator comments was approved by the EPA on August 13, 2020 and DEQ on May 14, 2020 (NASA, 2020b). The draft FY2021 and FY2022 SMP will be submitted on March 13, 2021; this date was delayed to allow for approval of AAOC RCRA-03-2021-0022TH. EPA comments on the SMP were received on April 28, 2021 and the Final SMP was submitted on September 9, 2021 (NASA, 2021m) with EPA approval received September 20, 2021.

In addition to annual SMP updates, NASA is required to provide EPA with semi-annual progress reports. The FY 2006 semi-annual progress report was submitted on May 25, 2006 (TtNUS, 2006d). Subsequent semi-annual progress reports are due at 6-month intervals. EPA and NASA have agreed that the Annual SMP update shall serve as one of the required semi-annual progress reports. The 2007 semi-annual progress report was submitted in May 2007 (TtNUS, 2007h). The 2008 semi-annual progress report was submitted, as agreed to by the Project Team, as a cover letter supplementing the final SMP for FY 2008 and 2009 submitted in May 2008. The 2009 semi-annual progress report was submitted on June 1, 2009 (TtNUS, 2010m). The 2010 semi-annual progress report was submitted on May 26, 2010 (TtNUS, 2010n). The 2011 semi-annual progress report was submitted on June 22, 2011 (NASA, 2011). The 2012 semi-annual progress report was submitted on May 30, 2012 (TtNUS, 2012l). EPA and NASA agreed that since the 2013 SMP was undergoing review and finalization throughout most of FY 2013, a semi-annual progress report was not required. Similarly, EPA waived the semi-annual progress report for FY 2014. The FY 2015 semi-annual report was issued by NASA June 16, 2015. The FY 2016 semi-annual report was issued by NASA June 1, 2016. The FY 2017 semi-annual report was issued on May 8, 2017. The FY 2018 semi-annual report was issued by NASA July 14, 2018 (NASA, 2018f). The FY 2019

semi-annual report was issued by NASA June 27, 2019 (NASA, 2019g) and approved by DEQ on July 1 and EPA on July 9. The FY 2020 Semi-Annual Progress Report was submitted on July 15, 2020 (NASA, 2020c); EPA concurrence was provided on August 13, 2020. The FY 2021 Semi-Annual Progress Report was submitted on September 9, 2021 (NASA, 2021n).

The draft FY 2022 SMP was submitted on March 10, 2022. Minor EPA comments were received on July 25, 2022. The final SMP was submitted on September 29, 2022 (NASA, 2022q). The FY 2022 Semi-Annual Progress Report was also submitted on September 29, 2022 (NASA, 2022n).

The draft FY 2023 and 2024 SMP was submitted on March 13, 2023. Minor EPA comments were received on April 24, 2023. The DEQ indicated that they had no comments on July 26, 2023. The final SMP was submitted on September 28, 2023 (NASA, 2023y). The FY 2023 Semi-Annual Progress Report was submitted on September 12, 2023 (NASA, 2023w).

Table 5-23 presents the past submittals and schedules for Annual SMP Updates and Semi-Annual Progress Reports for the next two Fiscal Years.

5.3 SITE GROUPINGS

A review of the information presented above indicates that grouping several sites with similar contaminants, sources, and/or locations may result in increased efficiencies in conducting response actions. NASA has already identified that response actions at Sites 5 and 12, due to similar contaminants and site locations, should be conducted simultaneously. In addition, the concrete pad that was located at Building X-115 was considered a potential source area located within the Site 5/12 area, and the final remedy for the pad and associated soils was included in the response actions. This grouping of sites will continue to ensure that response actions taken for any one of these sites is consistent with the actions taken for the other sites.

Grouping of the required investigations, response actions, and reporting for Sites 7 and 11 would result in efficiencies as these sites have similar histories and are both related to the electrical transformer management program implemented by NASA at WFF. The transformers removed from Site 7 locations were temporarily stored at the Site 11 locations. NASA has compiled transformer testing and tracking information that pertains to both sites and has presented those data in a single report. Further evaluation of the sites together would result in efficiencies that would benefit the performance of activities under this SMP.

The remaining sites do not have similar contaminants or are not located in close proximity to each other. The program would not be benefited by combining any other sites.

6.0 AAOC RCRA-03-2021-0022TH -- SITE DESCRIPTIONS, GROUPINGS, AND SCHEDULES

As described in Section 1.0, the DOD designated the USACE Baltimore District as the office responsible for establishing and implementing the FUDS program at NASA WFF. The USACE conducted investigations and coordinated work with NASA at WFF beginning in 1998. Under this program, the USACE established a series of "Projects" to fund and track progress under the program. A Project may include multiple sites or areas of interest with similar contaminants, sources, and/or locations that may result in increased efficiencies in implementing response actions. Appendix C presents a listing of the Projects established at NASA WFF.

In FY 2015, NASA and DOD, through the Department of the Army, negotiated and signed a MOA delegating CERCLA response action authority for the FUDS Program at NASA WFF to NASA (NASA, 2015). Under the agreement, the DOD will continue to fund the FUDS Program but NASA will be responsible for implementing the program. The MOA lists the FUDS identified at that time, identifies the current status, and establishes a process for evaluating and identifying additional sites as appropriate. The DOD and NASA also agreed to a transition plan for transferring Projects from USACE to NASA. As established in the MOA, the FUDS Program at NASA is limited by the ER,F funding made available to NASA by DOD on an annual basis. NASA will request funding from DOD on a fiscal year basis but the annual funding is limited to $2,000,000. The current and planned status for each Project is discussed in the following sections.

On January 12, 2021, the EPA and NASA signed AAOC RCRA-03-2021-0022TH which addresses the FUDS Projects at WFF. This section of the SMP describes the sites associated with these Projects and provides schedules for the active Projects, as required by this AAOC.

6.1 PROJECT DESCRIPTION AND STATUS

6.1.1 Project 3 – Gunboat Point, Strafing Target, and EOD Area

Project 3 is located at the north end of Wallops Island and consists of the Gunboat Point Bombing Area (used between 1946 and 1959), Strafing Target (used between 1945 and 1947), EOD Area (authorized in 1952, but usage dates are uncertain), and Target Center (used between 1946 and 1959). The site locations are shown on the Project 3 figure in Appendix D. The site encompasses 609 acres of land and 1,434 acres of water. The USACE issued the Final Military Munitions Response Program (MMRP) Site Inspection Report on March 30, 2012 (USACE, 2012); this report focused on the land portion of the site.

No MEC was observed during the SI and all surface anomalies were identified as scrap metal, although in the past a .50 caliber projectile and an inert 250-pound practice bomb had previously been observed. Several subsurface anomalies were also observed, but not investigated. A total of 25 soil samples were collected as part of the SI and analyzed for metals and munitions constituents and two surface water samples were analyzed for perchlorate. These results did not indicate additional risk to human or ecological receptors due to use of explosives at this site.

Based on the former observations of MEC at the site and presence subsurface anomalies, the report recommends, and the regulators concurred, that the land portion of the Munitions Response Site (MRS) proceed to the RI phase. NASA currently anticipates requesting funds for this Project no earlier than FY28. Upon receipt of funding, NASA will coordinate a path forward with EPA and DEQ and will provide a schedule of document preparation and submittal in the SMP.

Note that the water portion of Project 03 is referred to in the Site Inspection, but was not a focus of the investigation. Therefore, the MEC Hazard Assessment was listed as "Not Rated" and the Risk Screening Assessment was listed as "Not Evaluated". The Site Inspection recommendation for the water portion Project 03 is "Future investigation, if warranted." No additional activities for the water portion of the site are currently planned. Offshore portions of MMRP sites are not intended to be addressed pursuant to AAOC RCRA-03-2021-0022TH.

6.1.2 Project 4 – Machine Gun and Rocket Firing Area

Project 4 is located in the central Atlantic Ocean side of Wallops Island and consists of the Machine Gun and Rocket Firing Area; the exact time period of use of these sites is unknown, but is believed to have been some time between used between 1946 and 1959. The site encompasses 46 acres of land and 1,291 acres of water. The site locations are shown on the Project 4 figure in Appendix D. The Final MMRP SI Report was issued March 30, 2012); this report focused on the land portion of the site. No MEC was observed during the SI; however, there had been reports of observations in the past. Additionally, 25 subsurface anomalies and 6 surface anomalies (debris) were observed; the subsurface anomalies were not investigated. A total of 3 soil samples and six sediment samples were collected as part of the SI and analyzed for metals and munitions constituents. Two surface water samples were also collected and analyzed for perchlorate. These results did not indicate additional risk to human or ecological receptors due to use of explosives at this site.

Based on the subsurface anomalies and the past use of the site, the report recommends, and the regulators concurred, the land portion of the MRS will proceed to the RI phase (USACE, 2012a). NASA currently anticipates requesting funds for the RI no earlier than FY29. Upon receipt of funding, NASA will

coordinate a path forward with EPA and DEQ and will provide a schedule of document preparation and submittal in the SMP.

Note that the water portion of Project 03 is referred to in the Site Inspection; the MEC Hazard Assessment was listed as "Low based on available historical information" and the Risk Screening Assessment was listed as "Not Evaluated". The Site Inspection recommendation for the water portion is Project 04 is "Future investigation, if warranted." No additional activities for the water portion of the site are currently planned. Offshore portions of MMRP sites are not intended to be addressed pursuant to AAOC RCRA-03-2021-0022TH.

6.1.3 Project 5 – Grebe Range and Explosive Ammunition Test Facility Located on Central to Northern Portion of Wallops Island

Project 5 is located in the central Atlantic Ocean side of Wallops Island and consists of the Grebe Range/20-mm Gun Slab, and Explosive Ammunition Test Facility, all used between 1946 and 1959. The site had two ranges used to test fire missiles, and to test aviation machine guns, cannons and other munitions under controlled temperature conditions. The site encompasses 6 acres of land and 3,882 acres of water. The site locations are shown on the Project 5 figure in Appendix D.

The Final MMRP SI Report was issued March 30, 2012 (USACE, 2012b); the report focuses on the land portion of the site. No MEC was observed during the SI; however, 158 subsurface anomalies and 68 surface anomalies (debris) were observed; the subsurface anomalies were not investigated. A total of 9 soil samples and one sediment sample were collected as part of the SI and analyzed for metals and munitions constituents. These results did not indicate additional risk to human or ecological receptors due to use of explosives at this site.

Based on the presence of the subsurface anomalies and the past use of the site, the report recommends, and the regulators concurred, the land portion of the MRS proceed to the RI phase. NASA currently anticipates requesting funds for the RI no earlier than FY30. Upon receipt of funding, NASA will coordinate a path forward with EPA and DEQ and will provide a schedule of document preparation and submittal in the SMP.

Note that the water portion of Project 05 is referred to in the Site Inspection but was not a focus; the MEC Hazard Assessment was listed as "Low based on available historical information" and the Risk Screening Assessment was listed as "Not Evaluated". The Site Inspection recommendation for Project 05 is "Future investigation, if warranted." No additional activities for the water portion of the site are currently planned.

Offshore portions of MMRP sites are not intended to be addressed pursuant to AAOC RCRA-03-2021-0022TH.

6.1.4 Project 6 – Wallops Island Naval Air Ordnance Training Station (NAOTS) Cantonment Area

Project 6 consists of 13 AIs located on the northern end of WI. The AIs are located together in one grouping and are associated with former DOD activities associated with non-MMRP operations within a cantonment area. The AIs included septic tanks, transformers, a carpenter shop, paint shop and paint storage, gasoline and fuel storage tanks, a generator house, battery shed and charging shops, and range storage areas, which operated primarily in the 1950s. The site locations are shown on the Project 6 figure in Appendix D. USACE Baltimore District completed the SI addressing the 13 AIs in August 2016. Groundwater and soil samples collected during the SI did not indicate evidence that a DOD-related release had occurred. Therefore, the SI recommended no further action for Project 06. EPA, DEQ, NASA, and USACE signed a No Further Action Consensus Statement based on effective facilities control on September 20, 2017. No other NASA action under the FUDS Program is planned for at this time.

6.1.5 Project 07, OU 9, – Boat Basin and Visitor's Center

Project 07, also known as Ordnance Disposal Area, and designated as OU 9, consists of a single MRS (MRS 7) on the eastern portion of the MB. The MRS has includes the Pyrotechnic Dump, Gun Butt Numbers 1 and 2, and the south bank of the Boat Basin. The site locations are shown on the Project 7 figure in Appendix D. A draft MMRP RI Report, investigating MEC and munitions constituents (MC), was submitted by USACE Baltimore District. This Project was planned for transition to NASA management upon completion of the RI. However, both DEQ and EPA had significant comments on the draft RI. It was then determined that NASA would complete the Responses to Comments on the draft RI and, subsequently, complete the RI. It is likely that the RI Report will identify unacceptable human health risks at the site, including MEC in subsurface soil and 1,3-dintrobenzene in groundwater, as well as unacceptable ecological risk due to various metals and explosives in the soil and sediment. Therefore, the RI will likely recommend an FS to address these risks. The Draft RI Report Revision was submitted to the regulators on March 23, 2023. DEQ comments were received on June 2, 2023; EPA comments were received on June 27, 2023. The Response to Comments and Revised Draft RI Report Revision were submitted on December 21, 2023.

NASA has received funding for a FS for this Project and will be completing those activities following regulator approval of the RI.

NASA also conducted an MEC surface sweep at this site. The draft Work Plan and Action Memorandum for this activity was submitted on May 23, 2022; EPA comments were received on May 26, 2022 and DEQ comments were received on June 3, 2022. The final Work Plan and Action Memorandum was submitted on June 14, 2022 and received EPA approval that day (NASA, 2022h). Following completion of the surface sweep, the After Action Report was submitted on August 30, 2022 with EPA approval on September 12, 2022 and DEQ approval on October 24, 2022. The final After Action Report was submitted on November 2, 2022 (NASA, 2022s).

A schedule for completion of the RI and FS are included in Table 6-1.

6.1.6 Project 08 – Boat Basin Area

Project 08 consists of nine AIs (including storehouses, battery locker and battery shop, carpenter and machine shops, transformer bank, head, and septic tank) located near the Boat Basin on the eastern portion of the MB. The site locations are shown on the Project 8 figure in Appendix D. The AIs are all associated with non-MMRP activities in support of DOD operations that occurred in and around the boat basin. A final SI, which included site reconnaissance and groundwater and soil sampling, recommending No Further Action, was issued by USACE Baltimore District on July 20, 2012 (USACE, 2012c). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently preparing a revised draft No Further Action Consensus Statement and expects to submit it by September 30, 2023 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-2.

No other NASA action under the FUDS Program is planned for at this time.

6.1.7 Project 09, OU 8 – Skeet Range

Project 09, designated as OU 8, consists of a Skeet Range located within the MB. As discussed in Section 2 and further detailed in Section 4.1.11, the Skeet Range was part of a larger range complex that included rifle, aircraft gun, and pistol ranges. The site locations are shown on the Project 9 figure in Appendix D. An SI of the range complex was conducted under the NASA ECR Program in 2007 and a final SI was issued in 2009 (TtNUS, 2009g). Further supplemental sampling was conducted in 2009 and NASA, EPA and DEQ agreed that a NTCRA would be appropriate to address the type and level of contamination identified at the ranges (TtNUS, 2009h and TtNUS, 2009i). However, before further action was taken a site ownership/operation review was completed and it was determined that the Skeet Range was a former DOD operation and the Skeet Range portion of the range complex was transferred to the

FUDS Program. The USACE conducted a MMRP SI of the Skeet Range and issued the final SI Report August 24, 2012 (USACE, 2012d). The SI recommended the MRS proceed to the RI phase.

Responsibility for further FUDS response actions at Project 09 has been transitioned to NASA under the MOA. NASA had planned to conduct a supplemental sampling investigation at the Skeet Range to determine whether a removal action or RI was appropriate for this site. The draft SAP for supplemental sampling for the Skeet Range was submitted in September 2016. The SAP document included a presentation of potential Preliminary Remediation Goals (PRGs) to be applied in designing the sampling approach and in developing the planned Engineering Evaluation/Cost Analysis (EE/CA). DEQ and EPA comments on the draft SAP were received November 3, 2016 and January 6, 2017, respectively. NASA responses to comments were issued March 9, 2017 and a teleconference with EPA and DEQ reviewers was held March 21, 2017. As a result of the teleconference, NASA issued a revised Technical Memorandum evaluating and presenting potential PRGs on April 25, 2017. The approach and goals presented in the Technical Memorandum were reviewed and discussed in the June RPM Meeting. The Project Team determined that a RI will be conducted at the Skeet Range rather than the previously planned EE/CA and Removal Action.

The draft RI SAP was submitted in September 2017; DEQ and EPA comments were received by December 11, 2017. The Final RI SAP was submitted on March 13, 2018 (NASA, 2018b) and fieldwork was completed on March 31, 2018. After review of the site data, it was determined that additional field activities will be required to obtain the data necessary to complete the RI. A RI SAP Addendum was submitted on July 20, 2018. Regulator comments were received on September 21, 2018 and NASA submitted the responses and revised SAP Addendum on October 23, 2018 (NASA, 2018g). The SAP Addendum was approved on November 9, 2018. Field work associated with the SAP Addendum was completed on March 27, 2019. The Draft RI Report was submitted on September 17, 2019. EPA and DEQ comments were received in October 2019. Responses to comments were submitted on December 9, 2019, discussed at the December 12, 2019 RPM meeting, and re-submitted on December 31, 2019. The final RI Report was submitted on January 20, 2020 and approved by the EPA on February 28, 2020 and the DEQ on February 20, 2020 (NASA, 2020d).

The RI identified areas requiring further sampling to fully delineate the lead and PAH soil impact and identified areas expected to require remedial action. An FS was prepared to detail the additional sampling as well as various remedial options. The draft Skeet Range FS was submitted to the EPA and DEQ by April 30, 2021. EPA comments were received on May 24, 2021 and DEQ approval was received on June 8, 2021. NASA submitted the response to comments on October 27, 2021; EPA provided additional comments regarding historical preservation language in the FS on December 27, 2021. The

Final FS (NASA, 2022d) was submitted on February 22, 2022 with EPA approval on February 44, 2022 and DEQ approval on February 28, 2022.

The Draft PRAP was submitted on October 24, 2022. EPA comments were received on January 19, 2023 and the Draft Final PRAP was submitted on February 6, 2023. The following occurred during this period:

- Skeet Range Proposed Plan
  - Receive EPA comments on the Draft Final PRAP – March 6, 2023
  - DEQ indicates they have no comments on the Draft Final PRAP – March 6, 2023
  - Submit final PRAP – April 3, 2023 (NASA, 2023g)
  - Tribal notifications – April 3, 2023
  - Public Information Session held – April 5, 2023
  - Public comment period – April 3, 2023 through May 3, 2023
  - EPA final concurrence – April 11, 2023
- Public notice and information sheet for the PRAP
  - NASA submittal – March 20, 2023
  - DEQ indicates they have no comments – March 20, 2023
  - EPA comments received – March 23, 2023
  - Final documents – April 5, 2023
- Skeet Range ROD
  - Draft ROD submitted – November 15, 2023
  - Receive EPA comments – January 19, 2024
  - Receive DEQ comments – February 14, 2024
  - Planned submittal of the Response to Comments and Final ROD Revision 0 – March 29, 2024

Table 6-3 presents the projected schedule for the Skeet Range.

6.1.8 Project 10 – Practice Bombing Target

Project 10 consists of the Practice Bombing Target (approximately 160 acres) located in the tidal marshes east of the Main Base. The site location is shown on the Project 10 figure in Appendix D. The Practice Bombing Target was constructed in late 1943 and operations ceased prior to June 1959. A Site Inspection, which included a munitions response site reconnaissance and collection of nine co-located sediment and surface water samples, was conducted in March 2012. The Site Inspection Report (September 2012) concluded that further investigation or removal action was not required for munitions of environmental concern or munitions constituents. No other NASA action under the FUDS Program is planned for at this time.

6.1.9 Project 11 – Main Base Areas of Interest

Project 11 consists of 88 AIs located in the central portion of the MB. The AIs are associated with activities and structures in support of DOD operations in and around the main runways and hangars. The AI locations are shown on the Project 11 figure in Appendix D. An SI was conducted by USACE Baltimore District and, under the MOA, the project has transitioned to NASA management following completion of the SI. The draft SI was issued in September 2015 and the final SI was issued in September 2017. NASA submitted the draft RI SAP on February 8, 2019. The EPA and DEQ provided their comments on March 16 and March 29, respectively. The project was discussed in depth at the April 2, 2019 RPM meeting. At that meeting, it was determined that a different sampling approach, with a focus on investigative areas at the site, should be used. NASA updated the sampling protocol and discussed in detail at the September 17, 2019 RPM Meeting. An additional scoping meeting was scheduled on December 12, 2019 to discuss the RI SAP. The revised draft RI SAP was submitted on April 24, 2020 with comments received on June 1, 2020 (EPA) and June 2, 2020 (DEQ). Following additional discussions between NASA and the regulators, responses to comments were issued on August 28, 2020. DEQ approval was received on September 9, 2020 and additional EPA comments were received on September 28, 2020. The final RI SAP was submitted on December 21, 2020 (NASA, 2020e) and Phase 1 field activities began in January 2021; field activities were completed in April 2021. The final RI SAP indicated that a two-phase approach to the RI will be followed. A Phase 1 RI Report and SAP Addendum for the Phase 2 field activities are being prepared and are expected to be submitted in May 2024. Preliminary results and path forward were presented to the EPA and DEQ in November 2022 and February 2024.

To provide robust groundwater and soil background data sets for use in the Project 11 RI and other facility activities, NASA provided a Work Plan for additional field sampling activities and statistical analyses of new and existing data on April 8, 2020. The Work Plan was approved by DEQ on April 8, 2020 and EPA on April 9, 2020. The draft Background Threshold Value Report was submitted on June 8, 2021. EPA approval was received on July 14, 2021 and DEQ approval was received on August 3, 2021. The final Background Threshold Value Report (NASA, 2010o) was submitted on September 20, 2021 and EPA provided concurrence on September 22, 2021.

Two Project 11 AIs, AI-28 (Former Garbage House) and AI-67 (Former Ordnance Shop) were identified as requiring additional investigation. Therefore, an ESI will be completed at each AI. The Draft ESI Work Plan was submitted by NASA on November 1, 2017. Comments from the DEQ were received on November 21, 2017 and from the EPA on November 30, 2017. NASA submitted the Final Work Plan on January 24, 2018 (NASA, 2018a). The field activities were completed on February 1, 2018. The Draft ESI Report was submitted by July 3, 2018. Comments were received from the EPA on October 12, 2018 and a follow-up conference call was held on October 24, 2018. Comments were not received from the DEQ.

Because this site is within the boundaries of the Project 11 RI study area, NASA will evaluate the AI-28 and AI-67 data in conjunction with the Project 11 RI data to determine the appropriate path forward.

A schedule of projected activities is presented in Table 6-4.

6.1.10 Project 12 – Petroleum, Oil and Lubricant (POL) Storage and Distribution

Project 12 consists of tanks and associated pipelines associated with DOD operations at the MB. Project 12 includes 8 AIs. The AI locations are shown on the Project 12 figure in Appendix D. Site characterization and investigations are being conducted under state petroleum storage programs. The USACE Baltimore District has attained closure with the state through the Tidewater Regional Office. NASA is currently preparing a revised draft No Further Action Consensus Statement and expects to submit it by September 30, 2024 for regulator review. A schedule for the preparation of the revised Consensus Statement is presented in Table 6-5.

No other NASA action under the FUDS Program is planned for at this time.

6.1.11 Project 13, OU 6 – Old Wastewater Treatment Plant (WWTP)

Project 13, designated as OU 6, consists of the former WWTP located on the north central portion of the MB. The site location is shown on the Project 13 figure in Appendix D. The USACE Baltimore District issued the final FS for the site in May 2015 (USACE, 2015). Project 13 has been transitioned to NASA for management under the FUDS Program. NASA submitted a draft PRAP on January 22, 2016. Comments were received in March and resolved in April 2016. Issuance of the final PRAP was delayed until comments had been resolved on other facility PRAPs to allow for one public comment period. The final PRAP was issued August 31, 2016 (NASA, 2016f). No comments were received during the public comment period that extended from September 14, 2016 through October 14, 2016. NASA submitted a draft ROD for the WWTP on June 23, 2016 and a draft final ROD was submitted on July 24, 2017. DEQ correspondence approving the ROD was received on February 8, 2017; EPA comments were received on June 1, 2017. A revised draft final ROD was submitted on July 11, 2017. EPA technical review comments were received and a response was submitted on February 1, 2018. Additional EPA technical comments were received on March 18 and October 26, 2018 and resolution of those comments were not completed. NASA, EPA, and DEQ agreed to remove the evaluation of groundwater from the ROD. Groundwater will be addressed in Project 11 and the on-going groundwater investigations for PFAS. Due to this change and the extended period since the submittal of the original PRAP, the PRAP was revised and re-submitted. The schedule for completion of the PRAP was as follows:

- Draft revised PRAP submitted – January 31, 2022
- EPA comments on Draft PRAP received – March 14, 2022
- DEQ comments on Draft PRAP received – March 22, 2022
- Revised Draft PRAP submitted – May 5, 2022
- EPA comments received – May 23, 2022
- Revised Draft PRAP submitted – June 24 and June 30, 2022
- Fact Sheet associated with PRAP submitted – July 20, 2022
- Final PRAP (NASA, 2022m) submitted and Tribal notifications submitted – August 18, 2022
- Public comment period (30 days) began on August 22, 2022
- EPA approval – September 1, 2022

A public information session for the Old WWTP PRAP was held on August 24, 2022. Posters that were presented at the sessions were provided to the EPA and DEQ on August 4, 2022 and advertisements were run in the local newspaper and its website. Tribal concurrence was received in September 2022.

Following approval of the PRAP, the ROD was completed on the following schedule:

- Draft ROD submitted – February 16, 2023
- EPA comments received – April 11, 2023
- DEQ comments received – May 19, 2023
- Revised ROD submitted – May 30, 2023
- EPA concurrence with revised ROD – May 31, 2023
- DEQ concurrence with revised ROD – June 1, 2023
- ROD signatures completed – June 22, 2023 (NASA, 2023n)

The Remedial Design for the effort will be completed by December 31, 2024.

Table 6-6 presents the projected schedule of activities for Project 13.

6.1.12 Project 14 – Regulus Launch Area

The Regulus Launch Area is located in the central portion of the MB and underwent a screening-level investigation in 2012. The site location is shown on the Project 14 figure in Appendix D. In addition, available soil analytical data were compared to the USEPA screening levels for residential and industrial soil and the Main Base Background values. Groundwater analytical results were compared to the USEPA Region III Regional Screening Levels (RSLs) for Tapwater and Main Base Background values.

The findings and analytical results show that the Regulus Launch Area does not pose a significant impact which would result in an unacceptable risk to human health or the environment. No MEC was found onsite. Constituent concentrations exceeded RSLs in soil and groundwater, however the concentrations were below background values.

NASA is currently assisting the USACE in preparation of a revised draft No Further Action Consensus Statement and expects to submit it by September 30, 2024 for regulator review. A schedule for the preparation of the revised Consensus Statement is presented in Table 6-7.

No other NASA action under the FUDS Program is planned for at this time.

6.1.13 Project 15 – Active Remediation Projects

Project 15 consists of 9 sites. Each Project 15 site is addressed separately below. The site locations are shown on the Project 15 figure in Appendix D.

Site 9, OU 4 – Abandoned Drum Dump

Site 9, designated as OU 4, is located in the north side of the MB and consists of a former drum disposal area used during DOD operations. The USACE conducted investigations, performed removal actions and completed a RI. The final RI was issued in November 2012 and concluded that remaining soil contamination did not present unacceptable risks (USACE, 2012e). However, the RI also concluded that groundwater contamination from an unknown upgradient source was present above the MCL and presents an unacceptable risk.

Site 9 Soil has been transitioned to NASA for management under the FUDS Program. NASA revised a PRAP prepared by the USACE and submitted a draft PRAP for soil on November 23, 2015. Comments were received in January and resolved in March 2016. Issuance of the final PRAP was delayed until comments had been resolved on other facility PRAPs to allow for one public comment period. The final PRAP for soil was issued May 19, 2016 (NASA, 2016g). No comments were received during the public comment period that extended from May 25, 2016 through June 25, 2016. NASA submitted a draft ROD for Site 9 on April 7, 2016, responses to regulator comments were submitted on February 3, 2017, and additional responses and a revised ROD for review were submitted on July 24, 2017. EPA technical review comments have been received and a response was submitted on February 1, 2018. Two additional rounds of comments and responses were completed; EPA approved the responses on October 12, 2018. NASA submitted the pre-final ROD for soil, sediment, and surface water on November 1, 2018; EPA comments were received and resolved on February 21, 2019. Final signatures on the ROD were

completed on April 29, 2021; they had been delayed while this AAOC was completed. Table 6-8 presents the projected schedule of activities for Site 9 Soils.

Site 9 groundwater and the unacceptable risk associated with groundwater contamination from a suspected upgradient source will be reviewed with the USACE to determine FUDS eligibility after finalization of the Project 11 RI.

Construction Debris Landfill (CDL), OU 7

The CDL, designated as OU 7, is located in the northern portion of the MB on property currently leased to NOAA and consists of four adjacent areas used for the disposal of materials during DOD operations at WFF. The USACE Baltimore District has conducted a series of investigations and studies at the site and has identified the presence of contamination that presents unacceptable risks to human health and the environment. The USACE conducted additional supplemental field investigations at the site and included them in a draft FS in 2019; there were significant EPA and DEQ comments on this document. USACE transitioned the project to NASA in September 2019. Based on subsequent discussions with EPA and DEQ, NASA will not complete the FS as originally planned; instead, the project will be transitioned toward implementation of an interim removal action.

Toward that goal, NASA completed a revised Draft Supplemental Field Investigation Report and submitted that on March 12, 2021. EPA comments were received on April 23, 2021 and DEQ comments were received on May 14, 2021. Responses to the comments were submitted on August 3, 2021. A revised Draft Supplemental Field Investigation Report to include site background study information was submitted on February 24, 2022.

Multiple documents have been submitted and received regulatory review/approval during the SMP period beginning in March 2022 and ending in February 2023. Below is a list of those documents:

- Revised Draft Supplemental Field Investigation Report
    - EPA comments received – April 11, 2022
    - RTCs submitted – May 19, 2022
    - EPA concurrence with RTCs – June 21, 2022
    - Final SFI Report submitted – June 30, 2022 (NASA, 2022k)
    - EPA approval – July 1, 2022
- Engineering Evaluation/Cost Analysis for removal action
    - Draft submitted – March 8, 2022
    - EPA comments received – May 20, 2022

  - DEQ approval – June 15, 2022
  - RTCs submitted – July 18, 2022
  - EPA comments received – September 12, 2022
  - RTCs submitted – September 28, 2022
  - EPA concurrence with RTCs – October 11, 2022
  - Final submitted – October 25, 2022 (NASA, 2022t)
  - EPA approval – October 27, 2022
- Sampling and Analysis Plan for Removal Action Work Plan
  - Draft submitted – August 4, 2022
  - EPA comments received – September 28 and October 12, 2022
  - RTCs and revised SAP submitted – January 3, 2023
  - EPA comments received – February 13, 2023
- Action Memorandum
  - Draft submitted – January 6, 2023

The following documents were submitted during this SMP period:

- Sampling and Analysis Plan for Removal Action Work Plan
  - Submit response to comments and Draft Revision 2 – February 27, 2023
  - Receive EPA comments – February 28, 2023
  - Submit final – March 3, 2023 (NASA, 2023b)
  - EPA concurrence – March 6, 2023
- Action Memorandum for Interim Removal Action
  - Receive EPA comments on the Draft Action Memorandum – February 22, 2023
  - Submit revised Action Memorandum – March 13, 2023
  - Receive EPA comments – March 15, 2023
  - Submit final Action Memorandum – March 30, 2023 (NASA, 2023d)
  - Receive EPA concurrence – March 30, 2023

NASA completed the removal action and site restoration from September 28 through October 6, 2023. NASA submitted the RACR to the regulators on February 5, 2024.

Table 6-9 presents the schedule for upcoming activities at the CDL.

Site 14 - Debris Pile, OU 5

Site 14, part of OU 5 (with Site 15), consists of a three debris piles located on a steep slope to the north of and adjacent to the east-west runway on the MB. The USACE Baltimore District completed an RI for Site 14 in 2013 (USACE, 2013). The RI concluded that the Site 14 contamination did not present an unacceptable risk. Site 14 has been transitioned to NASA for management under the FUDS Program. NASA submitted a draft PRAP on November 23, 2015. Comments were received in February and resolved in March. Issuance of the final PRAP was delayed until comments had been resolved on other facility PRAPs to allow for one public comment period. The final PRAP was issued May 19, 2016 (NASA, 2016h). No comments were received during the public comment period that extended from May 25, 2016 through June 25, 2016. NASA submitted a draft ROD for Site 14 on March 14, 2016; DEQ comments were received in May 2016. DEQ accepted NASA responses in February 2017. A revised ROD for EPA review was submitted by NASA on August 30, 2017. EPA technical comments were received on January 11, 2018. Response to comments were submitted on June 14, 2018. Additional EPA comments were received on October 30, 2018. Due to the extended period since the submittal of the PRAP, the PRAP was revised and re-submitted as a draft on January 31, 2022 The revised PRAP combined this site with Site 15 – Debris Pile. EPA comments were received on March 10, 2022. After review of these comments, it was determined that the requested changes could not be incorporated in the PRAP stage. NASA will work with EPA and DEQ in FY '24 to determine the most appropriate path forward. See Section 6.2 for more information on this site grouping.

Table 6-10 presents the projected schedule of activities for Site 14.

Site 15 - Debris Pile, OU 5

Site 15, part of OU 5 (with Site 14), consists of a debris pile located west of and adjacent to the north-south runway on the MB. The USACE Baltimore District completed an RI for Site 15 in 2013 (USACE, 2013). The RI concluded that the Site 15 contamination did not present an unacceptable risk. Site 15 has been transitioned to NASA for management under the FUDS Program. NASA submitted a draft PRAP on November 23, 2015. Comments were received in February and resolved in March. Issuance of the final PRAP was delayed until comments had been resolved on other facility PRAPs to allow for one public comment period. The final PRAP was issued May 19, 2016 (NASA, 2016i). No comments were received during the public comment period that extended from May 25, 2016 through June 25, 2016. NASA submitted a draft ROD for Site 15 on March 14, 2016. Comments were received in May (DEQ) and June (EPA) 2016. Response to comments were submitted in August 2016; follow-on comments from the DEQ were received in August 2016. The DEQ accepted NASA responses in February 2017. A revised ROD for EPA review was submitted by NASA on August 30, 2017. EPA technical comments were received on

January 11, 2018. Response to comments were submitted on June 14, 2018. Additional EPA comments were received on October 30, 2018. Due to the extended period since the submittal of the PRAP, the PRAP was revised and re-submitted as a draft on January 31, 2022. The revised PRAP combined this site with Site 14 – Debris Pile. EPA comments were received on March 10, 2022. After review of these comments, it was determined that the requested changes could not be incorporated in the PRAP stage. NASA will work with EPA and DEQ in FY '24 to determine the most appropriate path forward. See Section 6.2 for more information on this site grouping.

Table 6-11 presents the projected schedule of activities for Site 15.

Site 48 – M Area Disturbed Soil

Site 48 is located north of runway 10/28 and consists of an area of disturbed soil that was identified during an analysis of historical aerial photographs. The USACE Baltimore District completed a series of investigations of the area to determine if the site presented a risk and if further response actions were warranted. The USACE issued a final SI in 2013 recommending no further action at the site (USACE, 2013). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently assisting the USACE in preparation of a draft No Further Action Consensus Statement and expects to submit it by June 30, 2024 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-12.

No other NASA action under the FUDS Program is planned for at this time.

Site 49 – Runway 10/28 West End Disturbed Soil Site

Site 49 is located at the west end of runway 10/28 and consists of an area of disturbed soil that was identified during an analysis of historical aerial photographs. The USACE Baltimore District completed a series of investigations of the area to determine if the site presented a risk and if further response actions were warranted. The USACE issued a final SI in 2013 recommending no further action at the site (USACE, 2013). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently assisting the USACE in preparation of a draft No Further Action Consensus Statement and expects to submit it by June 30, 2024 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-12.

No other NASA action under the FUDS Program is planned for at this time.

Site 50 – Boat Basin Disturbed Soil Site

Site 50 is located at the MB Boat Basin and consists of an area of disturbed soil that was identified during an analysis of historical aerial photographs. The USACE Baltimore District completed a series of investigations of the area to determine if the site presented a risk and if further response actions were warranted. Further study and evaluation of the site was conducted under Project 8 (see above). The USACE issued a final SI in 2012 recommending no further action at the site (USACE, 2012c). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently assisting the USACE in preparation of a draft No Further Action Consensus Statement and expects to submit it by June 30, 2024 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-12.

No other NASA action under the FUDS Program is planned for at this time.

Site 51 – Airplane Parts Disposal Area

Site 51 is located north of the FFTA and consists of an area of disturbed soil that was identified during an analysis of historical aerial photographs. The USACE Baltimore District completed a series of investigations of the area to determine if the site presented a risk and if further response actions were warranted. The USACE issued a final SI in 2013 recommending no further action at the site (USACE, 2013). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently assisting the USACE in preparation of a draft No Further Action Consensus Statement and expects to submit it by June 30 30, 2024 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-12.

No other NASA action under the FUDS Program is planned for at this time.

Site 52 – Runway 04/22 North End Construction Debris Area

Site 52 is located on NOAA leased property west of the CDL site and consists of an area of disturbed soil that was identified during an analysis of historical aerial photographs. The USACE Baltimore District completed a series of investigations of the area to determine if the site presented a risk and if further response actions were warranted. The USACE issued a final SI in 2013 recommending no further action at the site (USACE, 2013). The regulators concurred with the findings presented in the SI, however a close-out document confirming the No Further Action determination has not been completed. NASA is currently assisting the USACE in preparation of a draft No Further Action Consensus Statement and

expects to submit it by June 30, 2024 for regulator review. A schedule for the preparation of the Consensus Statement is presented in Table 6-12.

No other NASA action under the FUDS Program is planned for at this time.

6.1.14 Project 17 – PRP Main Base

Project 17 consists of four AIs located on the MB (B-51 Plating Shop B-51 B; F-10 NAOTS Hangar, Technical Services Shop and Offices F-10J; D-44 – Fertilizer Building D-44 H Storage of Fertilizer; N-159 – Air Maintenance Hangar N-159) identified in a series of preliminary assessments and site screenings conducted by the USACE in conjunction with the EPA and DEQ but were not included in Project 11. The four were designated as Potential Responsible Party (PRP) sites because at the time it was not evident if the AIs were FUDS eligible. Project 17 has been transitioned to NASA for management under the FUDS Program. NASA has initiated a review and screening of the AIs to determine if they are sites and warrant a response action. NASA submitted a draft Study Area Screening Evaluation (SASE) Report on June 1, 2016. Comments were received from DEQ in June and from EPA in October 2016. Responses to the comments were submitted on October 31, 2016 and resolved in November 2016. The SASE report was finalized in December 2016 and a No Further Action Concurrence Statement was signed by EPA, DEQ and NASA on March 21, 2017 (NASA, 2016j).

6.1.15 Two 600,000-Gallon Fuel Tanks (A-46A and A-46B)

Buildings A46-A and A46-B consisted of two underground 600,000-gallon fuel storage tanks and associated piping and control structures. The facility is located in the northeast corner of the MB, see Figure 4-5. The Navy constructed the two underground storage tanks and used them for the storage of JP-4 fuel. The tanks were reportedly decommissioned by removing the product and filling the void with sea water. NASA has not used the tanks or associated facilities since their operations commenced in 1959. NASA, EPA, DEQ, and the USACE reviewed records for the facility and concluded that it should be addressed through the FUDS program. This decision was documented in a Consensus Document signed by EPA, DEQ, and NASA in September 2004 (NASA, 2004). Site characterization and investigations were conducted under the DEQ Petroleum Program and in accordance with Virginia's Underground Storage Tank regulations. The USACE Baltimore District has attained closure with the DEQ through the Tidewater Regional Office (DEQ letter dated November 10, 2014). NASA will prepare a No Further Action Consensus Statement documenting the deferral/closure for regulator signature and submit if for review by June 30, 2024. A schedule for the preparation of the Consensus Statement is presented in Table 6-13.

No NASA action under the FUDS Program is planned at this time.

6.2 SITE GROUPINGS

A review of the information presented above indicates that grouping sites with similar contaminants, sources, and/or locations may result in increased efficiencies in conducting response actions. NASA has identified that Project 15, Sites 14 and 15 have similar site histories, site locations, and expected response actions. Therefore, it has been determined that the documentation for these two sites should be combined. In this case, the revised PRAPs for the two sites will be combined and submitted as one document. Following approval of the PRAP, one ROD will be submitted to address both sites.

The remaining sites do not have similar contaminants or are not located in close proximity to each other. The program would not be benefited by combining any other sites.

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TABLES

TABLE 4-1
AREAS OF CONCERN
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 1 OF 3

AOC[1] NO.[2]	OU[3] NO.[2]	AOC NAME	LOCATION[4]	CURRENT STATUS[5] / ALIAS
1	6	Old Wastewater Treatment Plant	MB	Deferred to FUDS Program / Site 1 (FUDS Project 13).
2		***Maintenance Facility***	***MB***	***Closed Out under AAOC RCRA-03-2004-0201TH/ Building E-52, Site 2.***
3		Two 600,000-Gallon Fuel Tanks	MB	Deferred to FUDS Program / Buildings A46-A and A46-B.
4		***Debris Pile***	***WI***	***Closed Out under AAOC RCRA-03-2004-0201TH / Island Debris Pile - North End, Site 4.***
5		***Paint Stain***	***WI***	***Closed Out under AAOC RCRA-03-2004-0201TH / Paint Spray Booth, Site 5.***
6		Former Island Fueling System	WI	Deferred to UST Programs / Site 6.
7		***Transformer Pads***	***MB, ML, WI***	***Closed Out under AAOC RCRA-03-2004-0201TH / Site 7.***
8		Former Main Base Fueling System	MB	Deferred to UST Program / Site 8.
9	4	Abandoned Drum Dump	MB	Deferred to FUDS Program / Site 9 (FUDS Project 15).
10		Advanced Data Acquisition Support Facility	MB	Closed Out under CERCLA / Site 10, ADAS.
11		***Transformer Storage Areas***	***MB, WI***	***Closed Out under AAOC RCRA-03-2004-0201TH / Site 11.***
12		***Former Wind Tunnel***	***WI***	***Closed Out under AAOC RCRA-03-2004-0201TH / Site 12.***
13	9	Ordnance Disposal Area	MB	Deferred to FUDS Program / Boat Basin and Visitor's Center, Site 13 (FUDS MMRP Project 07).
14	5	Debris Pile	MB	Deferred to FUDS Program / Site 14 (FUDS Project 15).
15	5	Debris Pile	MB	Deferred to FUDS Program / Site 15 (FUDS Project 15).
	3	**Waste Oil Dump**	**MB**	**Remedial Action Complete; Long-Term Monitoring / Site 16, Pits at end of Runway 17-35.**

TABLE 4-1
AREAS OF CONCERN
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 3

AOC[1] NO.[2]	OU[3] NO.[2]	AOC NAME	LOCATION[4]	CURRENT STATUS[5] / ALIAS
		Old Aviation Fuel Tank Farm	MB	Deferred to UST Program.
	1	***Scrapyard***	***MB***	***Closed Out under AAOC RCRA-03-2004-0201TH / Building N-222.***
		PCB Transformer Pad	MB	Closed Out under TSCA and CERCLA / N-161C.
		Photographic Tank	***MB***	***Closed Out under AAOC RCRA-03-2004-0201TH / M-15 Photo Tank, Building M-15.***
	2	**Former Fire Training Area**	**MB**	**Remedial Action Complete; Long-Term Monitoring.**
		Industrial/Sanitary Landfill	MB	Closed under FUDS Program, 2006
	7	Construction Debris Landfill	MB	Deferred to FUDS Program (FUDS Project 15).
		Pistol/Rifle Range	***MB***	***Closed out under AAOC RCRA-03-2004-0201TH.***
		South End Disposal Area (SEDA)	***WI***	***Closed Out under AAOC RCRA-03-2004-0201TH.***
		Area of Interest – 20 Transformer (AI-20)	***WI***	***Closed Out under AAOC RCRA-03-2004-0201TH.***
		North Island Transformer	**WI**	***Closed Out under AAOC RCRA-03-2004-0201TH***
		F-10A/F-10B – Paint Locker and Battery Shop	**MB**	**Under investigation.**
		N-166 – Alcohol Storage Building	**MB**	**Under investigation.**
		Former Circular Area	**MB**	**Under investigation.**
		PFAS Sampling	**MB**	**Under investigation.**
	10	**PFAS Main Base East**	**MB**	**Under investigation.**
	11	**PFAS Main Base North**	**MB**	**Under investigation.**

TABLE 4-1
AREAS OF CONCERN
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 3 OF 3

AOC[1] NO.[2]	OU[3] NO.[2]	AOC NAME	LOCATION[4]	CURRENT STATUS[5] / ALIAS
	12	**PFAS Main Base Central**	**MB**	**Under investigation.**
	13	**PFAS Wallops Island**	**WI**	**Under investigation.**
		South Wallops Island Perchlorate	**WI**	**Under investigation.**

(1) Area of Concern (AOC)
(2) Blank indicates no number was assigned.
(3) Operable Unit (OU)
(4) Refers to the land parcel where the AOC is located; Main Base (MB); Main Land (ML); Wallops Island (WI).
(5) The following abbreviations are used to describe Current Status: Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Formerly Utilized Defense Sites (FUDS); Toxic Substance Control Act (TSCA).

Former Circular Area and Per-and Polyfluorinated Alkyl Substance (PFAS) sampling are included in this SMP, but are not considered AOCs.

One additional site, the Skeet Range (FUDS Project 9), which was part of the Pistol/Rifle Range complex, was identified. This site has been designated as OU 8 and is being addressed under AAOC RCRA-03-2021-0022TH.

A bolded and shaded entry indicates that the AOC is considered a Site and is being pursued for further response actions under AAOC RCRA-03-2004-0201TH. Italicized entry indicates that the AOC has been closed under AAOC RCRA-03-2004-0201TH. No shading and an OU Number indicates that the AOC is being pursued for further response actions under FUDS AAOC RCRA-03-2021-0022TH (see Table 4-2).

TABLE 4-2
SUMMARY OF FINDINGS
MAINTENANCE FACILITY (SITE 2)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Determine if a release from past operations/practices has occurred and migrated to soils and groundwater. Conduct a screening of risks to determine if site poses a risk.
Source of Contamination	Past operations.
Investigations Completed: Media, and Analytical Parameters	SI/Supplemental SI: Soil: TCL Organics and TAL metals. Groundwater: TCL Organics and TAL metals.
Nature and Extent of Contamination	Soils: PAH, metals, and pesticide concentrations exceed RBCs. Contaminant pattern suggests that levels of concern are limited to a discrete subsurface area associated with former roadbed. Groundwater: No contaminants of concern.
Recommended Remedial Response	Site has been closed with a No Further Action (NFA) determination documented in a Concurrence Statement issued with the Final Supplemental SI report.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-3
SUMMARY OF FINDINGS
ISLAND DEBRIS PILE (SITE 4)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Site contained debris and refuse from Navy and NASA operations. Debris was removed and SI determined that residual contaminant levels presented an unacceptable human health risk. Mitigate potential risks.
Source of Contamination	Past operations/disposal practices. Debris and refuse present at the site were characterized and cleared from the site to allow further investigations to be conducted. Residual contamination in surface soils was addressed through a removal action.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: TCL Organics and TAL metals. Waste Characterization: Debris Material and Soil: TCL Organics and TAL Metals, Asbestos, and TCLP analysis. Supplemental SI: Soil, sediment, and groundwater: TCL Organics and TAL metals Post-Removal Sampling: Soil: Specific PAHs
Nature and Extent of Contamination	Soils: Metals similar to background levels; PAHs above risk-based screening levels; one PCB sample detection above risk-based screening level. Debris and Soils: Petroleum-related compounds, VOCs, PCBs, and metals in soils. Asbestos in discrete debris material only. Groundwater: Metals present above human-health screening levels but similar to background levels.
Recommended Remedial Response	Debris removal and Non-Time Critical Removal Action completed; Site has been closed with a No Further Action (NFA) determination documented in a Concurrence Statement issued with the Final Construction Completion Report.

TABLE 4-3
SUMMARY OF FINDINGS
ISLAND DEBRIS PILE (SITE 4)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PAH = Polynuclear Aromatic Hydrocarbons
PCB = polychlorinated biphenyls
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-4
SUMMARY OF FINDINGS
PAINT STAIN (SITE 5)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN
PAGE 1 OF 2

Objective	Implement a final remedy to mitigate human health and ecological risks defined in the ROD.
Source of Contamination	Past operations.
Investigations Completed: Media, and Analytical Parameters	SI: Soil, Groundwater, and Sediments: TCL Organics and TAL metals. Removal Action: Soil: PAHs. RI: Soil, Groundwater, Sediment, Surface Water, and Tissue: TCL Organics, TAL metals, and toxicity testing. Supplemental RI Sampling: Soil, sediment, sludge, and concrete: PCBs. TSCA Action: Soil; PCBs
Nature and Extent of Contamination	Soils and Sediments: Metals, pesticides, PAHs, and PCBs above RBCs and ESV. Surface Water: Contaminant levels below AWQCs. Groundwater: No contaminant of concern. Note: Removal action for PAH contaminated soils complete. TSCA removal of former transformer pad and soils at Building X-115 complete. Metals, PAHs, and PCBs in soil/sediments present unacceptable risk.
Recommended Remedial Response	Site has been closed. Final remedy identified in ROD (excavation and off-site disposal) was completed and documented in a RACR. EPA issued a Certificate of Completion under AAOC. Note: Actions included final action for residual PCB contamination associated with the transformer pad at Building X-115.

TABLE 4-4
SUMMARY OF FINDINGS
PAINT STAIN (SITE 5)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = Polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RACR = Remedial Action Completion Report
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = Semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = Total petroleum hydrocarbons
VOC = Volatile organic compounds

TABLE 4-5
SUMMARY OF FINDINGS
TRANSFORMER PADS (SITE 7)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Determine if further response actions are required at former transformer pad locations.
Source of Contamination	Past use of electrical transformers containing PCB dielectric fluids.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: PCBs. Surface Wipes: PCBs
Nature and Extent of Contamination	Soils: PCBs below regulatory action levels. Wipe samples: PCBs below regulatory action levels and/or appropriate response actions taken.
Recommended Remedial Response	Site has been closed out through a No Further Action Decision Document. Note: Building X-115 to be addressed under CERCLA response actions taken at Sites 5 and 12.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC=volatile organic compounds

TABLE 4-6
SUMMARY OF FINDINGS
TRANSFORMER STORAGE AREAS (SITE 11)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Determine if further response actions are required at former transformer storage locations.
Source of Contamination	Past temporary storage of out-of-use electrical transformers containing PCB dielectric fluids.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: PCBs. Surface Wipes: PCBs
Nature and Extent of Contamination	Soils: PCBs below regulatory action levels. Wipe samples: PCBs below regulatory action levels.
Recommended Remedial Response	Site closed out through a No Further Action Decision Document.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-7
SUMMARY OF FINDINGS
FORMER WIND TUNNEL (SITE12)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to mitigate human health and ecological risks defined in the ROD.
Source of Contamination	Past operations.
Investigations Completed: Media, and Analytical Parameters	SI: Soil, Groundwater, and Sediments: TCL Organics and TAL metals. Removal Action: Soil: PAHs. RI: Soil, Groundwater, Sediment, Surface Water, and Tissue: TCL Organics, TAL metals, and toxicity testing. Supplemental Sampling: Soil, sediment, sludge, and concrete. TSCA Action: Soils; PCBs
Nature and Extent of Contamination	Soils and Sediments: Metals, pesticides, PAHs, and PCBs above RBCs and ESV. Surface Water: Contaminant levels below AWQCs. Groundwater: No contaminant of concern Note: Removal action for PAH contaminated soils complete. TSCA removal of former transformer pad and soils at Building X-115 complete. Metals, PAHs and PCBs in soil/ sediments present an unacceptable risk.
Recommended Remedial Response	Site has been closed. Final remedy identified in ROD (excavation and off-site disposal) was completed and documented in a RACR. EPA issued a Certificate of Completion under AAOC. Note: Actions included final action for residual PCB contamination associated with the transformer pad at Building X-115.

TABLE 4-7
SUMMARY OF FINDINGS
FORMER WIND TUNNEL (SITE12)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = Polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RACR = Remedial Action Completion Report
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = Semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = Total petroleum hydrocarbons
VOC = Volatile organic compounds

TABLE 4-8
SUMMARY OF FINDINGS
WASTE OIL DUMP
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to mitigate human health risks as defined in the ROD.
Source of Contamination	Past surface and subsurface disposal of waste oils and flammable liquids.
Investigations Completed: Media, and Analytical Parameters	SI: Soil, Groundwater, and Sediments: TCL Organics, TAL metals, and TPH. RI: Soil, Groundwater, and Sediment: TCL Organics, TAL metals, and TPH. Supplemental RI: Soil, Groundwater, and Sediment: TCL Organics and TAL metals. Pilot Study: Groundwater: Target VOCs and Metals Remedial Action and Long-Term Monitoring: Groundwater: Target Organics and metals.
Nature and Extent of Contamination	Soils: No unacceptable risks to human health or the environment. Groundwater: Solvent and petroleum-related contaminant levels exceed RBCs and present an unacceptable risk to human health under residential scenario. Cleanup goals established. PFAS levels exceed the relevant screening levels; a facility-wide PFAS Site Investigation, that included the Waste Oil Dump, was conducted in 2019. PFAS at the Waste Oil Dump will be investigated under OU 11, PFAS Main Base North.
Recommended Remedial Response	Final remedy (biostimulation, institutional controls and monitoring) documented in ROD has been implemented. Long-term monitoring and reporting and 5-Year Report generation is ongoing.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
ORC = Oxygen Reducing Compound
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
ROD = Record of Decision
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PFAS = per- and polyfluorinated alkyl substances
SI = Site Inspection
RI = Remedial Investigation

TABLE 4-9
SUMMARY OF FINDINGS
SCRAPYARD (N-222)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Determine if a release to groundwater has occurred and determine the need for further site actions.
Source of Contamination	Past operations.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: TCL Organics, TAL metals, and TPH. RI: Soil: TCL Organics, TAL metals, and Radioisotopes. Supplemental Removal Investigations: Soil: PCBs and Radioisotopes. Post-Removal Sampling: Soil: PCBs and Radioisotopes. Groundwater Investigation: Groundwater: TCL Organics and TAL Metals. Data Assessment and Risk Evaluation: No sampling. Tabulated existing historical data and conducted a risk evaluation for all media.
Nature and Extent of Contamination	Soils: PCB and Radioisotope soils contaminated above Clean-Up Goals have been removed from the site. No unacceptable site-related risks. Groundwater: Low-level VOCs in groundwater similar to background levels. No unacceptable site-related risks.
Recommended Remedial Response	Site has been closed with a No Further Action (NFA) decision documented in a ROD.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds
ROD = Record of Decision
SI = Site Inspection

TABLE 4-10
SUMMARY OF FINDINGS
PHOTOGRAPHIC TANK (M-15)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Characterize ecological risks posed by the site and determine the appropriate remedial response.
Source of Contamination	Former wastewater processing tank and drain field.
Investigations Completed: Media, and Analytical Parameters	SI: Soil, Surface water, and Sediment: TCL Organics, TAL metals, and TPH. Tank content: RCRA waste characterization. Supplemental SI: Soil, Surface water, Groundwater, and Sediment: TCL Organics, and TAL metals. Tank content: RCRA waste characterization, TCL Organics, and TAL metals. Focused Ecological Investigation: Soil and Sediment: Select metals and ecological testing. Additional focused Ecological sampling: Soil and sediment: Select metals and toxicity testing.
Nature and Extent of Contamination	Soils and Sediments: Metals present at levels above ESVs but site-specific toxicity testing and contaminant distribution indicates a low probability of ecological risks above background levels. Note: Tank content found to be non-hazardous. No release to groundwater. No unacceptable human health risks associated with soils, surface water or sediments.
Recommended Remedial Response	Site closed through a No Action Decision Document.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-11
SUMMARY OF FINDINGS
FORMER FIRE TRAINING AREA
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to mitigate human health risks as defined in the ROD.
Source of Contamination	Past fire fighting training exercises.
Investigations Completed: Media, and Analytical Parameters	SI: Soil and Groundwater: TCL Organics, TAL metals, and TPH. RI: Soil and Groundwater: TCL Organics, TAL metals, and TPH. Supplemental RI: Soil and Groundwater: TCL Organics and TAL metals. Pilot Study: Groundwater: Target VOCs, SVOCs and metals Supplemental Groundwater Sampling: Groundwater: Target VOCs, SVOCs and metals Remedial Action and Long-Term Monitoring: Groundwater: Target organics and metals Five Year Review Monitoring: Groundwater: Per- and polyfluorinated alkyl substances (PFAS)
Nature and Extent of Contamination	Soils: A facility-wide PFAS Site Investigation conducted in 2019 indicated PFAS levels in soil exceeding screening levels Groundwater: Solvent and petroleum-related contaminant levels exceed RBCs and present an unacceptable risk to human health under the residential scenario. Cleanup goals established. PFAS levels exceed the relevant screening levels; a facility-wide PFAS Site Investigation, that includes FFTA, was conducted in 2019. PFAS at the Former Fire Training Area will be investigated under OU 11, PFAS Main Base North.
Recommended Remedial Response	Final remedy (biostimulation, institutional controls and monitoring) documented in ROD has been implemented. Long-term monitoring and reporting is ongoing. Per- and polyfluorinated alkyl substances (PFAS) sampling completed as required in the five-year review and PFAS investigation continues.

TABLE 4-11
SUMMARY OF FINDINGS
FORMER FIRE TRAINING AREA
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PFAS = Per- and polyfluorinated alkyl substances
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-12
SUMMARY OF FINDINGS
PISTOL/RIFLE RANGE
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Evaluate risks from metals, PAHs, and explosives identified in SI and develop/implement removal or remedial actions to reach site closure.
Source of Contamination	Current and past small arms firing range.
Investigations Completed: Media, and Analytical Parameters	SI: Soil, sediment, and groundwater: TCL Organics, TAL metals, explosives, and perchlorate. Supplemental Sampling: Soil: Explosives and metals
Nature and Extent of Contamination	Soils: Target areas at pistol and rifle range contain metals above residential and ecological risk-based screening levels. Skeet range soils contain lead shot and lead and PAH concentrations present a potential risk to residential users and ecological receptors. Sediment: Sediment/soil downgradient from the skeet range contains lead above residential action levels. Groundwater: No unacceptable risk to human health or the environment. Note: Surface water not present at the site.
Recommended Remedial Response	Conducted a NTCRA to reach site closure for Pistol/Rifle Ranges. Site has been closed with a No Further Action (NFA) determination documented in a Consensus Statement. NOTE: Skeet Range identified as a Formerly Used Defense Site (FUDS) and not addressed under this AAOC.

AWQC = Ambient Water Quality Criteria
BNA = base neutral acid extractable organic compounds
ESV = Ecological Screening Value
NTCRA = Non-Time Critical Removal Action
PCB = polychlorinated biphenyls
PAH = Polynuclear Aromatic Hydrocarbons
PRAP = Proposed Remedial Action Plan
RBC = Risk Based Concentration
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
TAL = Target Analyte List
TCL = Target Compound List
TPH = total petroleum hydrocarbons
VOC = volatile organic compounds

TABLE 4-13
SUMMARY OF FINDINGS
SOUTH END DISPOSAL AREA
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Evaluate and respond to MEC risk. Determine if MC is present and conduct a screening to determine if site poses an unacceptable risk.
Source of Contamination	Miscellaneous debris and military MEC deposition.
Investigations Completed: Media, and Analytical Parameters	Limited Response Action: No sampling; excavated debris pile, recovered discarded military munitions and inspected other debris. Preliminary Assessment: No sampling. Site Screening/Sampling: Soil and Groundwater/water table: TCL Organics, TAL metals, and perchlorate.
Nature and Extent of Contamination	No unacceptable risks to human health or the environment.
Recommended Remedial Response	Conducted response action to remove MEC from site. Site has been closed with a No Further Action (NFA) determination documented in a Concurrence Statement issued with the Final Site Screening report.

MEC = Munitions and Explosive Concern.
MC = Munitions Constituents

TABLE 4-14
SUMMARY OF FINDINGS
AREA OF INTEREST 20 (AI-20)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Characterize contamination at AI-20 and develop and implement a removal/remedial action to reach site closure.
Source of Contamination	Leakage from pole-mounted transformer.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: No sampling. Limited site assessment: Two composite soil samples. Site Screening/Sampling: Surface and subsurface soil and pole: PCB. Removal Sampling Surface and subsurface soil, pole, and groundwater: PCB
Nature and Extent of Contamination	Unacceptable human health and ecological risks presented by PCB concentrations in soils and pole. No unacceptable risks associated with groundwater.
Recommended Remedial Response	Contamination and risk has been addressed through a TCRA; Site has been closed with a No Further Action (NFA) determination documented in a Concurrence Statement issued with the Final Construction Completion Report.

PCB = Polychlorinated biphenyls
TCRA = Time-Critical Removal Action

TABLE 4-15
SUMMARY OF FINDINGS
NORTH ISLAND TRANSFORMERS
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Leakage from pole-mounted transformers.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: No sampling. Site Screening/Sampling: Surface soil: PCB. Supplemental Sampling/Characterization: Surface and subsurface soil and pole: PCB. Groundwater NIT-17: PCB
Nature and Extent of Contamination	Unacceptable human health and ecological risks at NIT-1 and-17; Transformers present at NIT-7 and -14; Additional screening to determine conditions at NIT-2, -3, -4, -5, -6, -8, -12, -13, and -16; No Further Action (NFA) at remainder of NIT locations.
Recommended Remedial Response	Characterization and screening completed. NFA Decision for NIT -2, -3, -4, -5, -6, -8, -9, -10, -11, -12, -13, -15, and -16 documented in a Consensus Document. TCRA completed to address contamination and risks at NIT-1, -7, -14, and -17; these NITs have been closed with a No Further Action (NFA) determination documented in a Consensus Statement. Therefore, no further action is required for this AOC.

PCB = Polychlorinated biphenyls
NFA = No Further Action
TCRA = Time-Critical Removal Action

TABLE 4-16
SUMMARY OF FINDINGS
STRUCTURES F-10A/F-10B
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Spills associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: No sampling. Site Screening/Sampling: Resolution of regulatory comments is on-going.
Nature and Extent of Contamination	To be determined; because this site is within the boundaries of the Project 11 RI study, NASA will recommend during resolution of regulatory comments that the F-10A/F-10B data be evaluated in conjunction with the Project 11 RI data to determine the appropriate path forward.
Recommended Remedial Response	To be determined.

TABLE 4-17
SUMMARY OF FINDINGS
STRUCTURE N-166
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Spills associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: No sampling. Site Screening/Sampling: Resolution of regulatory comments is on-going.
Nature and Extent of Contamination	Site contamination is below relevant screening levels.
Recommended Remedial Response	No Further Action recommended.

TABLE 4-18
SUMMARY OF FINDINGS
FORMER CIRCULAR AREA (FCA)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past disposal operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: No sampling. Site Screening/Sampling: Expanded Site Investigation planned for 2024.
Nature and Extent of Contamination	To be determined via additional investigation in 2024.
Recommended Remedial Response	To be determined.

TABLE 4-19
SUMMARY OF FINDINGS
PER- AND POLY-FLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: Preliminary Assessment Report (included with Site Investigation Work Plan) for Main Base was approved in April 2019 and Wallops Island in August 2022. Site Screening/Sampling: Site Investigation field work and reporting is complete for Main Base and Wallops Island. Field work for an Expanded Site Investigation for Main Base has been completed. Perimeter monitoring wells have been installed and sampled. Regular sampling of Wallops Flight Facility and Town of Chincoteague drinking water wells and finished water and Town of Chincoteague drinking water treatments system is occurring. Upcoming Remedial Investigations for PFAS at the facility have been divided between Main Base East, Main Base North, Main Base Central, and Wallops Island (see Tables 4-20 through 4-23)
Nature and Extent of Contamination	To be determined. PFAS has been detected in site groundwater, soil, sediment, surface water, and wastewater.
Recommended Remedial Response	To be determined.

PFAS = per- and polyfluorinated alkyl substances

TABLE 4-20
SUMMARY OF FINDINGS
PER- AND POLY-FLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING MAIN BASE EAST
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Characterize site contamination and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: Preliminary Assessment Report (included with Site Investigation Work Plan) for Main Base was approved in April 2019. Site Screening/Sampling: Site Investigation field work and reporting is complete for Main Base. A pre-design investigation has been completed at Main Base East and treatability testing is on-going.
Nature and Extent of Contamination	To be determined. PFAS has been detected in site groundwater, soil, sediment, surface water, and wastewater. Field work for a Phase 1 RI is substantially complete.
Recommended Remedial Response	To be determined.

PFAS = per- and polyfluorinated alkyl substances
RI = Remedial Investigation

TABLE 4-21
SUMMARY OF FINDINGS
PER- AND POLY-FLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING MAIN BASE NORTH
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Characterize site contamination and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: Preliminary Assessment Report (included with Site Investigation Work Plan) for Main Base was approved in April 2019. Site Screening/Sampling: Site Investigation field work and reporting is complete for Main Base. Treatability testing is on-going.
Nature and Extent of Contamination	To be determined. PFAS has been detected in site groundwater, soil, sediment, surface water, and wastewater. Field work is scheduled for Fiscal Year 24.
Recommended Remedial Response	To be determined.

PFAS = per- and polyfluorinated alkyl substances
RI = Remedial Investigation

TABLE 4-22
SUMMARY OF FINDINGS
PER- AND POLY-FLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING MAIN BASE CENTRAL
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Characterize site contamination and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: Preliminary Assessment Report (included with Site Investigation Work Plan) for Main Base was approved in April 2019. Site Screening/Sampling: Site Investigation field work and reporting is complete for Main Base.
Nature and Extent of Contamination	To be determined. PFAS has been detected in site groundwater, soil, sediment, surface water, and wastewater. Field work for a Phase 1 RI is scheduled for FY 25.
Recommended Remedial Response	To be determined.

PFAS = per- and polyfluorinated alkyl substances
RI = Remedial Investigation

TABLE 4-23
SUMMARY OF FINDINGS
PER- AND POLY-FLUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING WALLOPS ISLAND
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Releases associated with past operations.
Investigations Completed: Media, and Analytical Parameters	Preliminary Assessment: Preliminary Assessment Report (included with Site Investigation Work Plan) for Wallops Island was approved in August 2022. Site Screening/Sampling: Site Investigation field work and reporting is complete for Wallops Island.
Nature and Extent of Contamination	To be determined. PFAS has been detected in site groundwater, soil, sediment, surface water, and wastewater. Field work for a Phase 1 RI is on-going and will be completed in FY 24.
Recommended Remedial Response	To be determined.

PFAS = per- and polyfluorinated alkyl substances
RI = Remedial Investigation

TABLE 4-24
SUMMARY OF FINDINGS
SOUTH WALLOPS ISLAND PERCHLORATE
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Complete site screening to determine if releases have occurred. Characterize site contamination where appropriate and implement a corrective action as necessary to achieve site closure.
Source of Contamination	Potential for releases associated with past operations in the area.
Investigations Completed: Media, and Analytical Parameters	Site Sampling; RCRA Permit: Groundwater and soil sampling associated with the Open Burn Area RCRA Part B permit is on-going. Perchlorate identified in soil and groundwater. Perchlorate Investigation: The Investigation Summary Report for the Open Burn Investigation was submitted in July 2020. Site Sampling: Additional site groundwater and soil investigation for perchlorate completed in FY 2023.
Nature and Extent of Contamination	Perchlorate is present in site soil and groundwater; full nature and extent not yet established.
Recommended Remedial Response	To be determined.

TABLE 4-25
SUMMARY OF SITES
FORMERLY USED DEFENSE SITES ADDRESSED UNDER AAOC RCRA-03-2021-0022TH
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 1 OF 3

FUDS[1] Project No. [2]	AOC[3] NO.[2]	OU[4] NO.[2]	AOC NAME	LOCATION[5]	CURRENT STATUS
3			Gunboat Point, Strafing Target, and EOD Area	WI	Land portion of site is moving to Remedial Investigation (RI) phase; expected funding no earlier than FY 2028. No additional activities for the offshore portion are anticipated.
4			Machine Gun and Rocket Firing Areas	WI	Land portion of site is moving to RI phase; expected funding no earlier than FY 2029. No additional activities for the offshore portion are anticipated.
5			Grebe Range and Explosive Ammunition Test Facility Located on Central to Northern Portion of Wallops Island	WI	Land portion of site is moving to RI phase; expected funding no earlier than FY 2030. No additional activities for the offshore portion are anticipated.
6			Wallops Island Naval Air Ordnance Training Station Cantonment Area	WI	No Further Action (NFA) Consensus Statement signed on September 20, 2017
7	13	9	Ordnance Disposal Area, also known as Boat Basin and Visitor's Center	MB	RI Report is being revised; surface sweep completed in 2022
8			Boat Basin Area	MB	NFA Consensus Statement being prepared
9		8	Skeet Range	MB	Draft Record of Decision (ROD) submitted to regulators
10			Practice Bombing Target	East of MB	Site Investigation (SI) Report concluded no further investigation or removal action is required; no additional activity is planned for this site.
11			Main Base Areas of Interest	MB	Project 11 RI currently underway; AI-28 and AI-67 being deferred until completion of Project 11 RI
12			Petroleum, Oil, and Lubricant Storage and Distribution	MB	NFA Consensus Statement being prepared

TABLE 4-25
SUMMARY OF SITES
FORMERLY USED DEFENSE SITES ADDRESSED UNDER AAOC RCRA-03-2021-0022TH
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 3

FUDS[1] Project No. [2]	AOC[3] NO.[2]	OU[4] NO.[2]	AOC NAME	LOCATION[5]	CURRENT STATUS
13	1	6	Old Wastewater Treatment Plant	MB	Obtained ROD final signatures
14			Regulus Launch Area	MB	NFA Consensus Statement being prepared
15			Active Remediation Projects		See status of each site in Project 15 below
	9	4	Site 9 – Abandoned Drum Dump	MB	Obtained ROD final signatures
		7	Construction Debris Landfill	MB	Supplemental Field Investigation Report approved; Non time-critical removal action completed
	14	5	Site 14 - Debris Pile	MB	Revised PRAP submitted; ROD will be revised. Site was combined with Site 15 as OU 5.
	15	5	Site 15 - Debris Pile	MB	Revised PRAP submitted; ROD will be revised. Site was combined with Site 14 as OU 5.
			Site 48 – M Area Disturbed Soil	MB	NFA Consensus Statement being prepared
			Site 49 – Runway 10/28 West End Disturbed Soil Site	MB	NFA Consensus Statement being prepared
			Site 50 – Boat Basin Disturbed Soil Site	MB	NFA Consensus Statement being prepared
			Site 51 – Airplane Parts Disposal Area	MB	NFA Consensus Statement being prepared
			Site 52 – Runway 04/22 North End Construction Debris Area	MB	NFA Consensus Statement being prepared

TABLE 4-25
SUMMARY OF SITES
FORMERLY USED DEFENSE SITES ADDRESSED UNDER AAOC RCRA-03-2021-0022TH
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN
PAGE 3 OF 3

FUDS[1] Project No. [2]	AOC[3] NO.[2]	OU[4] NO.[2]	AOC NAME	LOCATION[5]	CURRENT STATUS
17			PRP Main Base	MB	NFA Consensus Statement signed on March 21, 2017
	3		Two 600,000-Gallon Fuel Tanks (A-46A and A-46B)	MB	NFA Consensus Statement to be prepared.

(1) Formerly Used Defense Site (FUDS)
(2) Area of Concern (AOC)
(3) Blank indicates no number was assigned.
(4) Operable Unit (OU)
(5) Refers to the land parcel where the AOC is located: Main Base (MB) or Wallops Island (WI).

TABLE 4-26
SUMMARY OF FINDINGS
OLD WASTEWATER TREATMENT PLANT
OPERABLE UNIT 6
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to be defined in the upcoming ROD to mitigate ecological risks.
Source of Contamination	Past wastewater plant operations.
Investigations Completed: Media, and Analytical Parameters Present	SI: Soil gas: VOCs Groundwater: metals and SVOCs RI: Soil: pesticides, polychlorinated biphenyls, VOCs and metals Sludge: pesticides, SVOCs, VOCs, and metals Wastewater: VOCs, SVOCs, and metals Sediment: Pesticides, VOCs, and metals Surface Water: Metals Groundwater: SVOCs, VOCs, and metals (to be addressed in the Project 11 RI)
Nature and Extent of Contamination	The RI Report indicated that the only unacceptable human health or ecological risk from soil, sludge, wastewater, sediment, and surface water is the ecological risk from site sludge. Groundwater is now to be addressed in the Project 11 RI.
Recommended Remedial Response	In 2006, a removal action involving demolition and removal of the trickling filter was conducted; during this event, approximately 7 to 8 pounds of elemental mercury were removed from the site. ROD has been completed and signed; the recommended final remedy is sludge removal (82.5 cubic yards) and off-site disposal.

RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
VOC = volatile organic compounds

TABLE 4-27
SUMMARY OF FINDINGS
ABANDONED DRUM DUMP
OPERABLE UNIT 4
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	No Further Action via ROD.
Source of Contamination	Past drum disposal operations.
Investigations Completed: Media, and Analytical Parameters	SI: Soil gas: VOCs RI: Soil: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls Sediment and surface water: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls Groundwater: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls (to be addressed in the Project 11 RI)
Nature and Extent of Contamination	The RI Report indicated that there was no unacceptable risk in soil, sediment, and surface water. Groundwater is now to be addressed in the Project 11 RI.
Recommended Remedial Response	In 2005, a removal action involving removal and disposal of abandoned drums and a tar-like material was conducted. In 2008, more tar-like material was identified and removed. The final remedy in the approved ROD was No Further Action.

RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
VOC = volatile organic compounds

TABLE 4-28
SUMMARY OF FINDINGS
BOAT BASIN AND VISITOR’S CENTER
OPERABLE UNIT 9
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to mitigate human health and ecological risks to be defined in the upcoming ROD.
Source of Contamination	Aviation guns and munitions testing and ordnance handling and disposal.
Investigations Completed: Media, and Analytical Parameters	SI: Munitions: geophysics and surface detection Soil: metals, explosive constituents, PAHs, and perchlorate Sediment: metals, explosive constituents, PAHs, and perchlorate Surface water: metals, explosive constituents, PAHs, and perchlorate RI: Munitions: geophysics and surface detection Soil: VOCs, metals, explosive constituents, PAHs, and dioxins/furans Sediment: metals, explosive constituents, PAHs, and perchlorate Surface water: metals, explosive constituents, PAHs, and perchlorate Groundwater: metals, explosive constituents, PAHs, dioxins/furans and perchlorate
Nature and Extent of Contamination	The RI Report is likely to identify unacceptable human health risks at the site from munitions and explosives of concern (MEC) in subsurface soil and unacceptable human health and ecological risk from dioxins/furans in soil.
Recommended Remedial Response	Various removal actions of MEC and non-MEC debris have been conducted at the site. Final remedial action is not yet determined.

MEC = Munitions and Explosives of Concern
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection VOC=volatile organic compounds

TABLE 4-29
SUMMARY OF FINDINGS
SITE 14 DEBRIS PILES AND
SITE 15 DEBRIS PILES
OPERABLE UNIT 5
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Implement a No Action remedy for soil and groundwater via ROD.
Source of Contamination	Debris disposal operations.
Investigations Completed: Media, and Analytical Parameters	SI: Soil gas: VOCs Soil, VOCs, SVOCs, metals, pesticides, polychlorinated biphenyls, and petroleum hydrocarbons Asbestos board sampling RI: Soil: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls Groundwater: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls Sediment and surface water: VOCs, SVOCs, metals, pesticides, and polychlorinated biphenyls (to be addressed in the Project 11 RI) Rodent and earthworm tissue samples were also analyzed for SVOCs, metals, pesticides, and polychlorinated biphenyls in follow-up studies
Nature and Extent of Contamination	No unacceptable risks were found in Site 14 and 15 soil and groundwater. Sediment and surface water will be addressed in the Project 11 RI.
Recommended Remedial Response	The ROD remedy is expected to be No Further Action for soil and groundwater.

RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection
SVOC = semivolatile organic compounds
VOC = volatile organic compounds

TABLE 4-30
SUMMARY OF FINDINGS
CONSTRUCTION DEBRIS LANDFILL
OPERABLE UNIT 7
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Develop/implement removal or remedial actions to mitigate human health and ecological risks.
Source of Contamination	Disposal of materials.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: metals, SVOCs, and VOCs Groundwater: metals and VOCs Soil gas: VOCs RI: Soil: metals, SVOCs, and VOCs Groundwater: metals and VOCs Sediment: metals and pesticides Surface water: metals Supplemental Field Investigation: Soil: metals, pesticides, VOCs, SVOCs, and dioxins/furans Groundwater: VOCs, SVOCs, and metals Sediment: metals, pesticides, VOCs, SVOCs, and dioxins/furans Surface water: metals
Nature and Extent of Contamination	Unacceptable human health risks were identified in site soil, waste, and groundwater. Unacceptable ecological risks were identified in site soil, waste, and sediment.
Recommended Remedial Response	An NTCRA was conducted to address contamination in soil and waste at the site. An FS will be developed after the NTCRA to determine the appropriate final site remedy.

DEQ = Virginia Department of Environmental Quality
EPA = Environmental Protection Agency
FS = Feasibility Study
NTCRA = Non-Time Critical Removal Action
RI = Remedial Investigation
SI = Site Inspection
SVOC = semivolatile organic compounds
VOC = volatile organic compounds

TABLE 4-31
SUMMARY OF FINDINGS
SKEET RANGE
OPERABLE UNIT 8
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

Objective	Implement a final remedy to mitigate human health and ecological risks as defined in the upcoming final ROD.
Source of Contamination	Prior skeet shooting activities.
Investigations Completed: Media, and Analytical Parameters	SI: Soil: metals, PAHs, pH, and lead shot count Groundwater: metals and PAHs (No Further Action required) RI: Soil: PAHs, lead, and lead shot count Sediment: PAHs, lead, and lead shot count
Nature and Extent of Contamination	Human health risks were identified for lead in surface and subsurface soil and PAHs in surface soil. Ecological risks were identified for lead in surface soil and sediment and lead shot in surface soil. The FS recommends limited sampling to determine the boundaries of the soil risk.
Recommended Remedial Response	The final ROD will include excavation and off-site disposal of contaminated soil leading to No Further Action at the site.

FS = Feasibility Study
PAH = Polycyclic aromatic hydrocarbons
RI = Remedial Investigation
ROD = Record of Decision
SI = Site Inspection

TABLE 5-1
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
MAINTENANCE FACILITY, SITE 2
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	SUBMITTAL DATE	COMMENT
Final SSI Work Plan	**11/19/04**	
Draft SSI Report	**11/11/05**	
Response to Comments	**04/27/06**	Comments on the draft report received 03/14/06.
Draft Final SSI Report	**07/12/06**	Resolution of comments reached 6/15/06 and a Draft Final was issued to document the NFA Decision.
Decision Document and Final SSI Report	**09/11/06**	The Final SI Report and Consensus Statement documenting a NFA Decision was signed 08/15/06. Copies were distributed 09/11/06.

NO FURTHER ACTION IS REQUIRED FOR THIS SITE.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-2
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
ISLAND DEBRIS PILE, SITE 4
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft BMP Work Plan	**06/09/06**	
Response to Comments	**08/23/06**	Comments on the draft Work Plan received 07/21/06.
Final BMP Work Plan	**09/18/06**	Resolution of comments reached 09/06/06.
Draft SI Work Plan and BMP Report	**06/25/07**	BMP field work completed 02/23/07.
Response to Comments	**10/17/07**	Comments received 10/4/07.
Final SI Work Plan	**01/31/08**	EPA approval received 3/13/08.
Draft SI Report	**12/01/08**	Field activities completed 4/22/08 and 07/17/08.
Response to Comments	**03/20/09**	Comments received 02/23/09
Final SI Report	**04/20/09**	Resolution of comments reached 03/31/09
Draft Technical Memorandum	**05/19/09**	Comments resolved 07/21/09
Draft EE/CA	**10/30/09**	Comments received 1/4/10
Response to Comments	**2/4/2010**	Comments resolved 02/09/10
Final EE/CA	**2/18/2010**	EPA approval received 3/2/2010
Action Memorandum	**4/16/2010**	Public comment period 2/17/10 – 3/17/10. No comments received.
Draft RA Work Plan	**4/12/2010**	EE/CA comments received 6/30/2010
Response to Comments	**7/2/10**	Comments resolved 7/8/10
Final RA Work Plan	**7/21/2010**	EPA approval received 11/30/10
Draft Construction Completion Report	**8/30/11**	Removal field work completed 6/8/11
Response to Comments	**11/2/11**	Comments received 10/19/11
Final Construction Completion Report and Decision Document	**1/11/12**	The NFA Concurrence Statement was signed 1/30/12, incorporated into the final Construction Completion Report (dated December 2011), and distributed 2/28/12.

NO FURTHER ACTION IS REQUIRED FOR THIS SITE.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-3
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PAINT STAIN AND FORMER WIND TUNNEL, SITES 5 AND 12
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Supplemental RI Work Plan	**02/14/05**	
Response to comments	**07/08/05**	
Final Supplemental RI Work Plan	**08/11/05**	
Draft RI Report	**07/12/06**	Field work completed 11/15/05.
Response to Comments	**01/12/07 through 01/02/08**	Initial comments received 11/17/06. Comments resolution extended through December 2007.
Final RI Report	**06/01/08**	Final RI submitted 2/20/08. Comments received 3/24/08. Responses submitted 4/25/08.
Draft FS Report	**11/03/08**	Assumes 4/25/08 responses represent final RI.
Response to Comments	**3/23/09 – 08/25/09**	Initial comments received 01/20/09. Comment resolution extended through 08/25/09.
Final FS Report	**09/22/09**	30 days after comment resolution.
Draft PRAP	**09/30/09**	Prepared concurrent to Final FS. FS approval received 09/24/09.
Response to Comments	**1/12/10**	Comments received 12/15/09.
Final PRAP	**3/15/10**	
Draft ROD	**3/4/10**	Comments received 5/20/10
Response to Comments	**6/7/10**	Comments resolved 7/8/10
Draft Final ROD	**7/16/10**	Additional comments received 7/22/10 and resolved 8/25/10
Final ROD	**9/7/10**	Additional comments received in N0vember 2010
Revised Final ROD	**2/17/11**	Additional comments received 8/30/11
FINAL ROD	**10/28/11**	Comments resolved 10/3/11, DEQ concurred in November and EPA signed and issued the final ROD in December 2011.
Draft RD Work Plan	**12/14/11**	
Response to Comments	**2/28/12**	Comments on Draft RD Work Plan received 1/31/12.
Final RD Work Plan	**3/22/12**	Comment resolved 3/13/12.
Draft Wetland Delineation Report	**5/30/12**	

TABLE 5-3
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PAINT STAIN AND FORMER WIND TUNNEL, SITES 5 AND 12
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

SUBMITTAL	DUE DATE	COMMENT
Final Wetland Delineation Report	**9/5/12**	Comments on draft received 6/18/12 and resolved 8/7/12.
Draft RD/RA Work Plan	**9/5/12**	Results of PDI sampling and the final wetland delineation report included in work plan.
Response to Comments	**1/7/13**	Comments received 12/13/13.
Final RA Work Plan	**2/5/13**	Comments resolved 1/8/13.
Draft RA Completion Report	**1/13/14**	Delayed due to field findings and receipt of disposal records
Response to Comments	**6/2/14**	Comments received 5/19/14.
Final RA Completion Report	**6/10/14**	Comments resolved 6/3/14.
Certificate of Completion	**6/5/14**	Issued by EPA.

NO FURTHER ACTION IS REQUIRED FOR THESE SITES.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-4
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
TRANSFORMER PADS AND STORAGE AREAS, SITES 7 AND 11
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Final Decision Document	**01/07/05**	Comments resolved 12/21/04.
Final Decision Document Approved/Signed	**02/17/05**	No further actions planned.

***NO FURTHER ACTION IS REQUIRED FOR THESE SITES*.**

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-5
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
WASTE OIL DUMP SITE (WOD)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 1 OF 4

SUBMITTAL	DUE DATE	COMMENT
Draft FS	**04/26/05**	
Response to Comments	**08/11/05**	
Final FS Report	**10/11/05**	
Draft PRAP	**03/29/06**	Per the FY'06 SMP submittal of the draft PRAP was delayed awaiting comments on the draft FFTA PRAP.
Response to Comments	**09/11/06**	Comments received 08/23/06.
Final PRAP	**09/28/06**	Comments resolved during meeting on 09/11/06.
Draft ROD	**09/18/07**	The public comment period extended from mid-February to mid- March. Preparation of the Draft ROD was delayed, per agreement between EPA and NASA, pending resolution of EPA comments on the FFTA ROD.
Response to Comments	**11/28/07**	Comments received 11/02/07.
Final ROD	**01/31/08**	Comments resolved 01/08/08.
Draft Pilot Study Work Plan and LUC Design	**07/31/08**	Per EPA/NASA agreement, a Pilot Study Work Plan will be submitted. Approval of ROD received 4/30/08.
Response to Comments	**09/29/08**	Comments anticipated 60 days after submittal of draft Work Plan.
Final Pilot Study Work Plan and LUC Design	**11/3/08**	Resolution of comments anticipated 30 days after submittal of response to comments.
Draft RA Work Plan Work Plan	**03/26/09**	Pilot study field work conducted 12/08/08 through 01/16/09.
Response to Comments	**07/21/09**	Comments received 06/10/09.
Final RA Work Plan	**09/29/09**	Comment Resolution reached 08/26/09.
Draft LTM Plan	**05/04/09**	
Response to Comments	**09/02/09**	Comments received 08/28/09.
Final LTM Plan	**10/14/09**	Comment resolution reached 10/01/09.

TABLE 5-5
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
WASTE OIL DUMP SITE (WOD)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 4

SUBMITTAL	DUE DATE	COMMENT
Post-Injection Groundwater Sampling	**3/15/10**	
Draft RA Completion Report	**6/8/2010**	
Response to Comments	**1/24/11**	Comments received 12/13/10.
Final RA Completion Report	**4/6/11**	Comment resolution reached 3/31/11.
Quarterly Sampling Report	**8/18/10**	
Quarterly Sampling Report	**12/10/10**	
Draft CY'10 Annual Groundwater Report	**3/17/11**	90 days after completion of field work.
Response to Comments	**10/19/11**	Comments received 9/28/11.
Final CY'10 Annual Groundwater Report	**11/21/11**	Comments resolved 11/7/11.
Semi-Annual Sampling Report	**6/22/11**	Semi-annual sampling conducted 3/23/11
Draft CY'11 Annual Groundwater Summary Report	**12/14/11**	Sampling conducted 9/16/11
Response to Comments	**5/16/12**	Comments received 3/20/12
Final CY'11 Annual Groundwater Report	**8/15/12**	Comments resolved 8/14/12
Semi-Annual Sampling Report	**5/22/12**	Sampling completed 3/16/12
Draft Long-Term Monitoring Plan –Revision 1	**8/2/12**	
Final Long-Term Monitoring Plan –Revision 1	**9/14/12**	Draft accepted as final with no changes
Draft CY'12 Annual Groundwater Summary Report	**12/13/12**	Field work completed 9/20/12
Response to Comments	**4/24/13**	Comments received 4/22/13
Final CY'12 Annual Groundwater Summary Report	**6/10/13**	Comments resolved 5/20/13
Semi-Annual Sampling Report	**7/11/13**	Field sampling 3/20/13
Draft Five-Year Review Report	**6/10/13**	
Response to Comments	**11/20/13**	Received comments 11/1/13
Final Five-Year Review Report	**2/4/14**	Comments resolved 1/8/14
EPA Concurrence/Approval	**3/6/14**	

TABLE 5-5
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
WASTE OIL DUMP SITE (WOD)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 3 OF 4

SUBMITTAL	DUE DATE	COMMENT
Draft CY'13 Annual Groundwater Summary Report	**12/11/13**	Field sampling 9/7/13
Response to Comments	**2/12/14**	Comments received 1/22/14
Final CY'13 Annual Groundwater Summary Report	**2/12/14**	Comments did not require responses/resolution; editorial only.
Long-Term Monitoring Plan – Rev2	**2/28/14**	
Semi-Annual Sampling Report	**6/10/14**	Field sampling 3/20/14
Draft CY'14 Annual Groundwater Summary Report	**12/17/14**	Field sampling 9/22/14
Response to Comments	**2/5/15**	Received comments 1/21/15
Final CY'14 Annual Groundwater Summary Report	**4/21/15**	Comments resolved 4/7/15
Semi-Annual Sampling Report	**5/27/15**	Field sampling 3/27/15
Draft Long-Term Monitoring Plan Rev 3	**7/27/15**	
Response to Comments	**8/27/15**	EPA no comments; DEQ comments received 8/25/15
Final Long-Term Monitoring Plan Rev 3	**9/21/15**	Comments resolved 9/15/15
Draft CY'15 Annual Groundwater Summary Report	**12/8/15**	Field sampling 9/23/15
Response to Comments	**3/9/16**	DEQ comments 1/20/16; EPA comments 2/22/16
Final CY'15 Annual Groundwater Summary Report	**4/22/16**	Comments resolved 4/14/16
Semi-Annual Sampling Report	**6/22/16**	Field sampling 4/12/16
Draft CY'16 Annual Groundwater Summary Report	**1/3/17**	Field sampling completed 9/26/16
Response to Comments	**2/6/17**	Regulator comments received on 2/2/17
Final CY'16 Annual Groundwater Summary Report	**2/6/17**	Sampling frequency reduced to once per 18 months
Draft CY'17 Annual Groundwater Summary Report	**2/1/18**	Field sampling completed October 2017

TABLE 5-5
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
WASTE OIL DUMP SITE (WOD)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
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SUBMITTAL	DUE DATE	COMMENT
Response to Comments	**3/13/18**	Receipt of comments 2/22/18 (EPA) and 2/28/18 (DEQ)
Final CY'17 Annual Groundwater Summary Report	**3/13/18**	
Draft Five-Year Review	**10/2/18**	
Response to Comments	**12/10/18**	Comments received 10/11/18 (DEQ) and 11/30/18 (EPA)
Final Five-Year Review	**02/18/19**	
Public Notice	**03/20,21/19**	
Draft CY'20 Groundwater Summary Report	**11/16/20**	Sampling delayed due to COVID restrictions (from March 2020 to Summer 2020)
Response to Comments	NA	EPA approval 11/30/20; DEQ approval 2/12/21
Final CY'20 Groundwater Summary Report	**2/18/21**	EPA concurrence 3/23/21
Draft LTM Sampling and Analysis Plan	**6/6/22**	EPA comments 8/10/22
Final LTM Sampling and Analysis Plan	**8/30/22**	
Draft CY'22/23 Groundwater Data Summary Report	**1/4/23**	Sampling in September 2022
Third Five-Year Review "Start Notice"	**2/24/23**	
Draft Third Five-Year Review	**10/10/23**	EPA comments 1/11/24; DEQ concurrence 1/19/24
RTCs and Draft Final Redline	**2/6/24**	Additional EPA comments 2/7, 2/8, and 2/13/24
Final Third Five-Year Review	**2/14/24**	Signatures to be completed by 3/7/24

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-6
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
SCRAPYARD SITE (N-222)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Final GW Characterization Work Plan	**11/17/04**	
Draft GW Report	**09/12/05**	
Response to Comments	**11/3/05**	
Final GW Report	**12/15/05**	Resolution of comments reached 11/14/05.
Draft Site Summary (SS) Report	**05/08/06**	EPA approval of GW report received 1/12/06.
Response to Comments	**08/03/06**	Comments received 7/27/06.
Final SS Report	**08/15/06**	Resolution of comments reached 08/03/06.
Draft PRAP	**10/31/06**	EPA approval of Final SS Report received 10/02/06.
Response to Comments	**12/21/07**	Comments received 12/19/07.
Final PRAP	**01/11/07**	Resolution of comments reached 01/10/07.
Draft ROD	**05/14/07**	Public comment extended from mid-February to mid-March.
Response to Comments	**08/07/07**	Comments received 06/21/07.
Final ROD	**11/29/07**	Resolution of comments reached 11/02/07.
ROD Issued	**02/12/08**	NASA signed 01/07/08; EPA signed 02/12/08

NO FURTHER ACTION IS REQUIRED FOR THIS SITE.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-7
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PHOTOGRAPHIC TANK SITE (M-15)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft ERA Work Plan	**02/16/05**	
Response to Comments	**07/08/05**	
Final ERA Work Plan	**08/31/05**	
Draft ERA Report	**03/30/06**	Field work completed 10/07/05.
Response to Comments	**10/06/06**	Comments received 08/23/06.
Final ERA Report	**02/07/07**	Resolution of comments reached 01/08/07.
No Action Decision Statement	**02/09/07**	EPA, DEQ and NASA signed a No Action Decision Statement included in the Final ERA Report.

NO FURTHER ACTION IS REQUIRED FOR THIS SITE

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
FORMER FIRE TRAINING AREA (FFTA)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft FS	**03/01/05**	
Response to Comments	**07/20/05**	
Final FS Report	**08/31/05**	
Draft PRAP	**11/28/05**	
Response to Comments	**03/14/06**	Comments on the draft PRAP received 02/02/06.
Final PRAP	**09/28/06**	Several Draft Final versions of the PRAP were prepared and comment resolution was reached 09/11/06.
Draft ROD	**04/12/07**	EPA approval of PRAP received 01/25/07. Public Comment Period extended fro mid-February to mid-March.
Response to Comments	**07/05/07**	Comments received 05/24/07.
Final ROD	**11/01/07**	Resolution of comments reached 10/09/07. NASA signed 11/01/07; EPA signed 12/19/07.
Draft Pilot Study Work Plan and LUC Design	**03/17/08**	Per EPA/NASA agreement, a Pilot Study Work Plan will be submitted.
Response to Comments	**06/26/08**	Comments on draft WP received 5/1/08 and on LUC Design received 5/9/08.
Final Pilot Study Work Plan and LUC Design	**11/03/08**	Resolution of comments delayed until 10/27/08
Draft Free Product Monitoring Plan	**02/06/09**	Pilot Study field work completed 12/8/08 through 01/16/09.
Response to Comments	**03/16/09**	Comments received 03/05/09.
Final Free Product Monitoring Plan	**04/14/09**	Comments resolved 04/06/09.
Draft Pilot Study Report	**04/06/09**	Pilot Study field work completed 12/8/08 through 01/16/09.
Response to Comments	**06/15/09**	Comment resolution extended from 06/15/09 through 07/20/09.
Final Pilot Study Report	**07/20/09**	
Supplemental Sampling Plan	**07/20/09**	Approved upon submittal.
Draft Supplemental Sampling Report	**12/1/2009**	
Response to Comments	**3/12/2010**	
Final Supplemental Sampling Report	**4/12/2010**	

TABLE 5-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
FORMER FIRE TRAINING AREA (FFTA)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 5

SUBMITTAL	DUE DATE	COMMENT
Draft RA Work Plan and LTM Work Plan	**4/28/2010**	
Response to Comments	**7/1/2010**	
Final RA Work Plan and LTM Work Plan	**8/6/2010**	
Quarterly Sampling Report	**6/8/10**	
Quarterly Sampling Report	**8/18/10**	
Quarterly Sampling Report	**12/10/10**	
Draft CY'10 Annual Groundwater Summary Report	**3/17/11**	
Response to Comments	**10/19/10**	Comments received August and September 2010
Final CY'10 Annual Groundwater Summary Report	**11/21/11**	Comments resolved 11/8/11.
Draft RACR	**5/10/11**	Decision to consider remedial action completion delayed until 4 rounds of monitoring was completed.
Response to Comments	**11/28/11**	Comments received 10/19/11
Final RACR	**12/14/11**	Comments resolved 12/5/11
Semi-Annual Sampling Report	**6/22/11**	Sampling completed 3/23/11
Draft CY'11 Annual Groundwater Summary Report	**12/14/11**	Sampling conducted 9/16/11
Response to Comments	**5/22/12**	Comments received 5/18/12
Final CY'11 Annual Groundwater Report	**6/18/12**	Comments resolved 6/13/12
Semi-Annual Sampling Report	**5/22/12**	Field sampling completed 3/16/12
Draft Long-Term Monitoring Plan – Revision 1	**8/2/12**	
Final Long-Term Monitoring Plan – Revision 1	**8/13/12**	Draft accepted as final with no changes
Draft CY'12 Annual Groundwater Summary Report	**12/13/12**	Field work completed 9/20/12
Response to Comments	**4/24/13**	Comments received 4/22/13
Final CY'12 Annual Groundwater Summary Report	**6/10/13**	Comments resolved 5/20/13
Semi-Annual Sampling Report	**7/11/13**	Field sampling 3/20/13

TABLE 5-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
FORMER FIRE TRAINING AREA (FFTA)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 3 OF 5

SUBMITTAL	DUE DATE	COMMENT
Draft Five-Year Review Report	**6/10/13**	
Response to Comments	**11/20/13**	Received comments 11/1/13
Final Five-Year Review Report	**2/4/14**	Comments resolved 1/8/14
EPA Concurrence/Approval	**3/6/14**	
Draft CY'13 Annual Groundwater Summary Report	**12/11/13**	Field sampling 9/7/13
Response to Comments	**2/12/14**	Comments received 1/22/14
Final CY'13 Annual Groundwater Summary Report	**2/12/14**	Comments did not require responses/resolution; editorial only.
Long-Term Monitoring Plan – Rev2	**2/28/14**	
Semi-Annual Sampling Report	**6/10/14**	Field sampling 3/18/14
Draft CY'14 Annual Groundwater Summary Report	**12/17/14**	Field sampling 9/22/14
Response to Comments	**2/20/15**	Received comments 1/30/15
Final CY'14 Annual Groundwater Summary Report	**4/21/15**	Comments resolved 4/7/15
Semi-Annual Sampling Report	**5/27/15**	Field sampling 3/20/15
Draft Long-Term Monitoring Plan – Revision 3	**7/27/15**	
Response to Comments	**8/27/15**	Received comments 8/13/15
Final Long-Term Monitoring Plan – Revision 3	**9/21/15**	Comments resolved 9/15/13
Round Ten Sampling Report	**2/16/16**	Sampling completed 12/3/15
Round Eleven Sampling Report	**1/3/17**	Field sampling completed 9/28/16
Draft PFAS Investigation Work Plan	**8/12/16**	
Response to Comments	**10/13/16**	DEQ comments 9/14/16; EPA comments 9/30/16
Final PFAS Investigation Work Plan	**10/27/16**	Comments resolved 10/20/16
Draft PFAS Sampling Report	**2/3/17**	Field sampling completed December 2016

TABLE 5-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
FORMER FIRE TRAINING AREA (FFTA)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 4 OF 5

SUBMITTAL	DUE DATE	COMMENT
Response to Comments	**5/22/17**	Comments received: DEQ 2/28/17; EPA 5/1/17
Final PFAS Sampling Report	**6/28/17**	
Round Twelve Sampling Report	**11/13/17**	
Round Thirteen Sampling Report	**6/26/2018**	Field sampling completed March 28, 2018; EPA approval 9/20/2018.
Draft Round Fourteen Sampling Report	**4/24/19**	Field sampling completed December 2018; comments received 5/23/19 (DEQ) and 5/24/19 (EPA)
Draft Final Round Fourteen Sampling Report	**7/20/19**	Comments received 9/4/19 (EPA and DEQ)
Final Round Fourteen Sampling Report	9/30/19	
Draft Five-Year Review	**10/2/18**	
Response to Comments	**12/10/18**	Comments received 10/11/18 (DEQ) and 11/30/18 (EPA)
Final Five-Year Review	**2/18/19**	
Public Notice	**03/20,21/19**	
Draft Round Fifteen Sampling Report	**11/16/20**	Sampling delayed due to COVID restrictions (from March 2020 to Summer 2020)
Response to Comments	NA	EPA approval 11/30/20; DEQ approval 2/12/21
Final Round Fifteen Sampling Report	**2/18/21**	EPA concurrence 3/23/21
Draft Round Sixteen Sampling Report	**10/20/21**	EPA comments 1/27/22; DEQ approval 1/21/22
Response to Comments	**2/2/22**	EPA approval 4/26/22
Final Round Sixteen Sampling Report	**8/19/22**	EPA concurrence 10/27/22
Draft LTM Sampling and Analysis Plan	**5/19/22**	EPA comments 7/15/22
Final LTM Sampling and Analysis Plan	**9/20/22**	EPA concurrence 9/20/22
Draft Round 17 Sampling Report	2/15/23	Field sampling completed in September 2022
Third Five-Year Review "Start Notice"	**2/24/23**	

TABLE 5-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
FORMER FIRE TRAINING AREA (FFTA)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN
PAGE 5 OF 5

SUBMITTAL	DUE DATE	COMMENT
Draft Third Five-Year Review	**10/10/23**	EPA comments 1/11/24; DEQ concurrence 1/19/24
RTCs and Draft Final Redline	**2/6/24**	Additional EPA comments 2/7, 2/8, and 2/13/24
Final Third Five-Year Review	**2/14/24**	Signatures to be completed by 3/7/24

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-9
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PISTOL/RIFLE RANGE (MAIN BASE FIRING RANGE COMPLEX)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 1 OF 2

SUBMITTAL	DUE DATE	COMMENT
Draft SI Work Plan	**09/27/06**	
Response to Comments	**02/26/07**	Comments received 01/05/07
Final SI Work Plan	**05/04/07**	Resolution of comments reached 04/06/07.
Draft SI Report	**03/31/08**	Work Plan approval received 08/22/07 and field work completed 11/14/07. EPA granted a 3 week extension.
Response to Comments	**07/15/08**	Comments received 06/03/08
Final SI Report	**11/25/08**	Resolution of comments anticipated 30 days after submittal of response to comments.
Technical Memorandum	**03/26/09**	SI Report approval received 03/06/09.
Draft Site Summary and Risk Re-Evaluation Report (1)	**8/26/14**	
Response to Comments	**11/21/14**	Comments received 10/30/14
Final Site Summary and Risk Re-Evaluation Report	**5/15/15**	Resolved comments 2/19/15
Draft Rifle Range Firing Point Supplemental Sampling Plan	**3/13/15**	
Response to Comments	**4/20/15**	Comments received 3/31/15
Final Rifle Range Firing Point Supplemental Sampling Plan	**5/15/15**	Resolved comments 4/21/15
Aircraft Gun Testing Firing Range Sampling Plan	**5/15/15**	Accepted as final
Data Summary Report for Rifle Range and Aircraft Gun Testing Range	**7/27/15**	Accepted as final
Draft EE/CA	**6/16/15**	
Response to Comments	**9/23/15**	Comments received 8/25/15
Final EE/CA	**12/8/15**	Comments resolved 12/2/15
Draft Action Memorandum	**11/27/15**	
Response to Comments	**1/15/16**	Comments received 1/14/16
Final Action Memorandum	**4/7/16**	Comments resolved 2/9/16
Draft Removal Action Work Plan	**1/15/16**	
Response to Comments	**4/15/16**	Comments received 4/1/16
Final Removal Action Work Plan	**5/24/16**	Comments resolved 5/13/16
Interim Data Report	**6/27/16**	Field work commenced 5/23/16.

TABLE 5-9
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PISTOL/RIFLE RANGE (MAIN BASE FIRING RANGE COMPLEX)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

SUBMITTAL	DUE DATE	COMMENT
Draft Removal Action Construction Completion Report	**11/10/16**	Field work completed 8/16/16
Response to Comments	**2/17/17**	Regulators comments received 1/10/17
Final Removal Action Construction Completion Report and Concurrence Statement	**3/21/17**	Concurrence Statements signed by regulators on 3/21/17

Note: Dates in **bold** indicate actual date of submittal.

(1) Addresses Pistol and Rifle Ranges; Skeet Range determined to be a FUD Site

TABLE 5-10
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
SOUTH END DISPOSAL AREA
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft MEC Survey and Clearance Work Plan HASP	**09/15/2010**	
Final MEC Survey and Clearance Work Plan HASP	**10/1/10**	
Limited Action Summary Report	**2/7/11**	
Draft Preliminary Assessment	**5/10/11**	
Response to Comments	**11/22/11**	Comments received 9/23/11
Final Preliminary Assessment	**9/28/12**	Comments resolved 9/14/12
Draft Sampling and analysis Plan (SAP) for screening sampling	**7/3/12**	
Response to Comments	**9/11/12**	Comments received 8/13/12
Final SAP for screening sampling	**9/11/12**	Final SAP submitted with responses; approved by EPA 10/22/12
Draft Site Screening Report	**4/1/13**	Field work 11/29/12
Response to Comments	**8/16/13**	Comments received 6/22/13
Final Site Screening Report	**3/28/14**	Comments resolved 1/21/14
Final Decision Document	**3/3/14**	The NFA Concurrence Statement was signed 3/3/14, incorporated into the final Site Screening Report and distributed 3/28/14.

NO FURTHER ACTION IS REQUIRED FOR THIS SITE.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-11
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
AREA OF INTEREST 20 (AI-20)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Site Screening Work Plan	**8/21/14**	
Response to Comments	**9/19/14**	Comments received 9/8/14
Final Site Screening Work Plan	**9/30/14**	Resolution of comments reached 9/23/14
Draft Site Screening Report	**2/20/15**	Field work ended 11/14/14
Response to Comments	**4/23/15**	Received comments 4/14/15
Final Site Screening Report	**5/15/15**	Comments resolved 5/11/15
Draft Action Memorandum	**3/10/15**	
Response to Comments	**4/9/15**	Received comments 3/30/15
Final Action Memorandum	**6/29/15**	Resolved comments 4/30/15
Draft Removal Action Work Plan	**4/9/15**	
Response to Comments	**6/15/15**	Received comments 5/19/15
Final Removal Action Work Plan	**7/24/15**	Resolved comments 6/30/15
Public Notice	**7/30/15**	Public notice published
Draft Removal Action Completion Report	**12/22/15**	Field work completed 9/4/15
Response to Comments	**3/16/16**	Comments received 3/1/16
Final Removal Action Completion Report and NFA Concurrence Statement	**7/14/16**	Comment resolution 6/20/16. Concurrence Statement signed 9/20/16

NO FURTHER ACTION IS REQUIRED FOR THIS SITE.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-12
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
NORTH ISLAND TRANSFORMERS
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 1 OF 2

SUBMITTAL	DUE DATE	COMMENT
Draft Site Screening Work Plan	**8/21/14**	
Response to Comments	**9/19/14**	Comments received 9/15/14
Final Site Screening Work Plan	**10/15/14**	Resolution of comments reached 9/23/14. A revised Final was issued to replace 1 page
Draft Site Screening Report	**2/24/15**	Field work completed 12/4/14
Response to Comments	**5/22/15**	Received comments 3/30/15
Final Site Screening Report	**8/10/15**	Resolved comments 8/4/15
NIT 1 and 17 Draft Characterization Work Plan	**3/13/15**	
Response to Comments	**4/23/15**	Comments received 3/25/15
Final NIT 1 and NIT 17 Characterization Work Plan	**6/16/15**	Resolved comments 5/22/15
Draft NIT 1 and NIT 17 Characterization Report	**10/26/15**	Field work completed 8/12/15
Response to Comments	**12/21/15**	Comments received 12/11/15
Final NIT 1 and NIT 17 Characterization Report	**1/21/16**	Comments resolved 1/11/16
Draft Action Memo	**11/24/15**	
Response to Comments	**1/11/16**	Comments received 12/28/15
Final Action Memorandum	**1/25/16**	Resolution of comments 1/15/16.
Draft NIT-1, -7, -14, and -17 Removal Action Work Plan	**12/8/15**	
Response to Comments	**1/20/16**	Comments received 1/4/16
Final NIT-1, -7, -14, and -17 Removal Action Work Plan	**2/18/16**	Comments resolved 1/26/18
Public Notice	**3/2/16**	
Draft NIT-1, -7, -14, and -17 Removal Action Completion Report	**8/12/16**	Field work completed 4/6/16
Response to Comments	**11/10/16**	DEQ Comments 9/22/16; EPA comments 10/27/16
Final NIT-1, -7, -14, and -17 Removal Action Completion Report and NFA Concurrence Statement	**3/21/17**	Concurrence Statement signed by regulators on 3/21/17
Draft NIT Supplemental Sampling Work Plan	**6/25/15**	

TABLE 5-12
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
NORTH ISLAND TRANSFORMERs
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

SUBMITTAL	DUE DATE	COMMENT
Response to Comments	**7/29/15**	Received comments received 7/24/15
Final NIT Supplemental Sampling Work Plan	**7/29/15**	Resolved comments 7/24/15
Draft NIT Supplemental Sampling Report	**12/8/15**	Field work completed 9/25/15
Final NIT Supplemental Sampling Report	**2/29/16**	
Draft Consensus Statement for 13 NIT Sites	**3/22/16**	
Response to Comments	**7/14/16**	Comments received 6/30/16
Final NIT Consensus Statement for 13 NIT Sites and NFA Concurrence Statement	**7/28/16**	Comments resolved 7/18/16. NFA Concurrence Statement signed 9/20/16

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-13
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
STRUCTURES F-10A/F-10B
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Site Screening Work Plan	**9/13/16**	
Response to Comments	**12/1/16**	Comments: DEQ 10/28/16; EPA 10/31/16
Final Site Screening Work Plan	**12/21/16**	
Draft Site Screening Report	**6/30/17**	Field work completed 2/1/17
Response to Comments	**5/31/22**	Comments received 12/21/2017 (DEQ) and 2/13/2018 (EPA)
Final Site Screening Report	Pending Project 11 RI	Because this site is within the boundaries of the Project 11 RI study area, NASA recommended, and the regulators agreed, that the F-10A/F-10B data be evaluated in conjunction with the Project 11 RI data to determine the appropriate path forward.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-14
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
STRUCTURE N-166
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Site Screening Work Plan	**9/13/16**	
Response to Comments	**12/1/16**	Comments: DEQ 10/28/16; EPA 10/31/16
Final Site Screening Work Plan	**12/21/16**	
Draft Site Screening Report	**6/30/17**	Field work completed 2/1/17
Response to Comments	**5/31/22**	Comments received 12/21/2017 (DEQ) and 2/13/2018 (EPA)
Final Site Screening Report	30 days after resolution of comments	Resolution of comments anticipated 30 days after receipt of comments
Draft NFA Consensus Statement	30 days after approval of the Final Site Screening Report	
Response to Comments	30 days after receipt of regulator comments	
Final NFA Consensus Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after receipt of comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-15
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
FORMER CIRCULAR AREA (FCA)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft SI Work Plan	**9/13/16**	
Response to Comments	**12/1/16**	Comments: DEQ 10/28/16; EPA 10/31/16
Final SI Work Plan	**12/21/16**	
Draft SI Report	**6/30/17**	Field work completed 2/1/17
Draft Final SI Report	**12/11/17**	Comments received 12/21/2017 (DEQ) and 2/13/2018 (EPA)
Final SI Report	Following discussions with regulators, the Final SI Report will not be submitted, and all data will be screened in the Expanded Site Investigation	
Draft Expanded Site Investigation Work Plan	**6/24/23**	EPA comments 8/23/23; DEQ concurrence 8/31/23
Response to Comments	**12/4/23**	EPA concurrence 1/23/24
Final Expanded Site Investigation Work Plan	**2/12/24**	Resolution of comments anticipated 30 days after receipt of comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-16
CONCLUSIONS AND RECOMMENDATIONS
MAIN BASE PFAS SI
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

Area	Screening Level Exceedances					Recommendations	Comments/Notes
	Soil	Groundwater	Surface Water	Sediment	Wastewater		
Area 1 - Building B-129 Fire Station	PFOS: 1 Exceedance (300 µg/kg)	PFOA: 3 Exceedances (max. of 2,500 ng/L) PFOS: 3 Exceedances (max. of 740 ng/L)	--	--	--	Further investigate the extent of PFAS in soil and groundwater around and downgradient of Building B-129 and further refine understanding of groundwater flow. Investigate groundwater at Areas 1 and 10 together. Evaluate the area east of Building B-29 to determine whether PFAS is present in soil and groundwater.*	*The area east of Building B-29 was used to temporarily stage soil from the LJC incident.
Area 2 - D-1 West Fire Training Area	No exceedances	PFOA: 2 Exceedances (max. of 160 ng/L)	No exceedances	--	--	No further delineation or investigation is recommended at this stage of the investigation for PFAS in groundwater at Area 2.*	*The nature and extent of contamination at Area 2 remains partially unknown since only the earthen portions around the oil water separator and downgradient of the D-1 West Fire Training Area were sampled. The samples collected had PFAS concentrations in soil that were very low and PFAS concentrations in groundwater downgradient of Area 2 were below the screening levels. The impervious portions (concrete and asphalt) of Area 2 were not investigated since it is thought that the foams/liquids would have flowed to the oil water separator and/or surrounding earthen surfaces; however, the presence of PFAS under the tarmac at Area 2 will remain an unknown due to facilities preference to avoid destructive activities in the runway and apron areas.
Area 3 - Fire Training Pit and Nearby Buildings	No exceedances	No exceedances	--	--	--	No further action at this stage of the investigation at Fire Training Pit and Building F-8. Further investigate the source of PFAS in groundwater at MW-11-82-3.*	*MW-11-82-3, located 450 feet southwest of the Fire Training Pit, was sampled in April 2017 and PFOA (43 ng/L) and PFOS (540 ng/L) were detected at concentrations exceeding groundwater screening levels.
Area 4 - Helicopter Crash Site	No exceedances	PFOA: 1 Exceedance (63 ng/L) PFOS: 4 Exceedances (max. of 1,200 ng/L)	--	--	--	No further action at this stage of the investigation at Area 4.* Investigate PFAS in groundwater and further refine understanding of groundwater flow at Area 4 with Area 9.	*PFAS concentrations in soil were very low and indicate that Area 4 is not a source area. It was reported that only protein-based foam was used and not AFFF. Area 9 is a known area where AFFF was discharged and appears to be the source of PFAS in groundwater at Area 9.
Area 5 - Former Wastewater Treatment Plant (Building D-12)	No exceedances	PFOA: 1 Exceedance (57 ng/L) PFOS: 4 Exceedances (max. of 130 ng/L)	No exceedances	--	--	Further investigate the extent of PFAS in groundwater at Area 5 and further refine understanding of groundwater flow. Investigate groundwater at Areas 5 and 6 together. Evaluate the groundwater to surface water pathway in the Outfall 001 drainage channel.*	*Within the Outfall001 drainage channel, PFAS concentrations increase downstream, potentially from a groundwater to surface water pathway downgradient of Area 5.
Area 6 - Lear Jet Soil Bioremediation Landfarm	PFOS: 4 Exceedances (530 µg/kg)	PFOA: 1 Exceedance (110 ng/L) PFOS: 1 Exceedance (110 ng/L)	--	--	--	Further investigate the extent of PFAS in soil and groundwater at Area 6 and further refine understanding of groundwater flow. Investigate groundwater at Areas 5 and 6 together. Evaluate the groundwater to surface water pathway in the Outfall 001 drainage channel.*	*Within the Outfall001 drainage channel, PFAS concentrations increase downstream, potentially from a groundwater to surface water pathway downgradient of Area 6.
Area 7 - Observation Well - 06 Area	No exceedances	No exceedances	--	--	--	Further investigate the source of PFAS in groundwater at OW-06.*	PFAS concentrations in soil and shallow groundwater were very low and indicate that Area 7 is not a source area. *OW-06, screened from 44 to 54 feet bgs, was sampled in April 2019 and PFOS was detected at 80 ng/L. The source of PFAS is unknown.

TABLE 5-16
CONCLUSIONS AND RECOMMENDATIONS
MAIN BASE PFAS SI
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

Area	Screening Level Exceedances					Recommendations	Comments/Notes
	Soil	Groundwater	Surface Water	Sediment	Wastewater		
Area 8 - Wastewater Treatment Plant	--	--	No exceedances	No exceedances	No exceedances	Further investigate the source(s) of PFAS in wastewater. Evaluate the groundwater to surface water pathway in the Outfall 001 drainage channel with Areas 5 and 6.* Continue routine quarterly monitoring of wastewater effluent and surface water in the Outfall 001 drainage channel.** Sample the sludge from the current WWTP to determine whether PFAS is present and take additional steps, as needed.	*Within the Outfall001 drainage channel, PFAS concentrations increase downstream, potentially from a groundwater to surface water pathway downgradient of Areas 5 and 6. **These locations were selected in consultation with the USEPA and VDEQ.
Area 9 - Former Fire Training Area	PFOS: 4 Exceedances (1,100 µg/kg)	PFOA: 6 Exceedances (max. of 1,100 ng/L) PFOS: 9 Exceedances (max. of 21,000 ng/L)	PFOA: 1 Exceedance (590 ng/L) PFOS: 5 Exceedances (max. of 23,000 ng/L)	No exceedances	--	Further investigate the extent of PFAS in soil and groundwater at Area 9 and further refine understanding of groundwater flow. Investigate PFAS in groundwater at Area 4 with Area 9. Evaluate the groundwater to surface water pathway in the Outfall 003 drainage channel. Continue routine quarterly monitoring of surface water in the Outfall 003 drainage channel.*	*These locations were selected in consultation with the USEPA and VDEQ.
Area 10 - Lear Jet Crash Site	No exceedances	PFOA: 3 Exceedances (max. of 140 ng/L) PFOS: 6 Exceedances (max. of 3,800 ng/L)	PFOS: 1 Exceedance (520 ng/L)	No exceedances	--	Further investigate the extent of PFAS in groundwater at Area 10 and further refine understanding of groundwater flow. Investigate groundwater at Areas 1 and 10 together. Evaluate the groundwater to surface water pathway in the Outfall 10 drainage channel.* Continue routine quarterly monitoring of surface water in the Outfall 10 drainage channel.**	*Within the Outfall 10 drainage channel, PFAS concentrations increase downstream, potentially from a groundwater to surface water pathway downgradient of Area 10. **These locations were selected in consultation with the USEPA and VDEQ.
Other PFAS Areas of Concern							
Outfalls not associated with specific Areas	--	--	No exceedances	--	--	No further action at this stage of the investigation	
Little Mosquito Creek and Jenneys Gut	--	--	No exceedances	No exceedances	--	Continue routine quarterly monitoring of surface water in Little Mosquito Creek and Jenneys Gut.*	*These locations were selected in consultation with the USEPA and VDEQ.
Boat Basin	--	--	No exceedances	No exceedances	--	No further action at this stage of the investigation	
CDL and WOD	--	No exceedances	--	--	--	No further action at this stage of the investigation	
Future Supply Well Area	--	No exceedances	--	--	--	No further action at this stage of the investigation	

Notes:
AFFF - aqueous film forming foam
bgs - below ground surface
CDL - Construction Debris Landfill
LJC - Lear Jet Crash
PFAS - per- and polyfluoroalkyl substances
PFOA - perfluorooctanoic acid
PFOS - perfluorooctanesulfonic acid
USEPA - United States Environmental Protection Agency
VDEQ - Virginia Department of Environmental Quality
WOD - Waste Oil Dump
WWTP - wastewater treatment plant
µg/kg - micrograms per kilogram
ng/L - nanograms per liter

TABLE 5-17
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
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SUBMITTAL	DUE DATE	COMMENT
Draft Work Plan	**4/7/17**	No regulator comments
Response to Comments	**4/19/17**	Comments: EPA 4/10/17
Final Work Plan	**4/19/17**	
Draft Sampling Report	**7/18/17**	Field work completed 2/1/17
Response to Comments	**9/21/17**	Comments: EPA 8/17/17; VDEQ 8/14/17
Final Sampling Report	**10/17/17**	
Draft Perimeter Well Work Plan	**7/18/17**	
Response to Comments	**8/11/17**	Comments: EPA 7/27/17; DEQ 7/19/17; VDH 7/31/17
Final Perimeter Well Work Plan	**8/18/17**	
Draft Aquifer Test Work Plan	**8/14/17**	
Response to Comments	**9/13/17**	Comments: EPA 8/24/17; DEQ 8/18/17; VDH 8/12/17
Final Aquifer Work Plan	**10/2/17**	
Draft Perimeter Well/Aquifer Test Report	**3/15/18**	Field work completed in December 2017
Response to Comments	**11/28/18**	Comments received 8/8/18 (DEQ) and 8/15/18 (EPA)
Final Perimeter Well/Aquifer Test Report	**2/8/19**	
Draft Preliminary Assessment and Site Investigation Work Plan	**5/24/18**	EPA comments received 6/24/18; DEQ indicated they had no comments on 6/19/18.
Response to Comments	**11/1/18**	Comments received 2/20 (EPA) and 2/21 (DEQ)
Final Preliminary Assessment and Site Investigation Work Plan	**3/29/19**	
Draft Site Investigation Report	**5/29/20**	Final field activities completed in September 2019
Response to Comments	**9/24/20**	EPA comments received 7/16/20; DEQ comments received 7/6/20
Final Site Investigation Report	**11/18/20**	EPA approval 12/21/20; VDEQ approval 1/28/21

TABLE 5-17
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 4

SUBMITTAL	DUE DATE	COMMENT
Draft 2018 Annual PFAS Report	**2/6/19**	Comments were received on 2/27/19 (DEQ) and 3/28/19 (EPA)
Response to Comments	**9/11/19**	
Final 2018 Annual PFAS Report	**9/27/19**	EPA approval 12/20/19;
Draft 2019 Annual PFAS Report	**11/17/20**	Approvals: EPA 1/12/21; DEQ 1/15/21
Final 2019 Annual PFAS Report	**1/19/21**	
Draft PFAS SI Addendum Report	**11/18/20**	EPA Comments 1/11/21; DEQ had no comments (2/3/21)
Final PFAS SI Addendum Report	**10/26/21**	EPA concurrence 2/17/22
Response to Comments	**7/9/21**	
Final Facility-Wide PFAS Quality Assurance Project Plan	**8/11/21**	EPA concurrence 8/16/21
Draft Work Plan for Expanded PFAS SI on Main Base	**4/21/21**	EPA comments 6/10/21; DEQ approval 6/29/21
Response to Comments	**7/9/21**	
Final Work Plan for Expanded PFAS SI on Main Base	**8/11/21**	EPA concurrence 8/16/21
Draft Work Plan for PFAS SI on Wallops Island	**7/6/21**	EPA comments 8/17/21; DEQ approval 9/14/21
Response to Comments	**9/20/21**	EPA approval 9/24/21
Final Work Plan for PFAS SI on Wallops Island	9/28/21	
Draft Work Plan for Routine PFAS Sampling	**7/19/21**	EPA comments 8/27/21; DEQ acceptance 10/4/21
Response to Comments	**10/21/21**	Approved by EPA 12/13/21
Final Work Plan for Routine PFAS Sampling	**1/25/22**	EPA concurrence 2/14/22; DEQ concurrence 2/28/22
Draft 2020 Annual Report	**10/13/21**	EPA comments 12/3/21
Response to Comments	**2/1/22**	
Final 2020 Annual Report	**4/4/22**	EPA concurrence 4/26/22
Draft Treatability Study Work Plan	**6/28/21**	EPA comments 8/13/21; EPA approval 10/4/21
Response to Comments	**11/3/21**	EPA approved RTCs 1/11/22

TABLE 5-17
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
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SUBMITTAL	DUE DATE	COMMENT
Final Treatability Study Work Plan	3/15/23	
Draft PFAS UFP-SAP	**4/21/21**	EPA comments received 6/10/22
Response to Comments	**7/9/21**	Comment resolution 8/4/22
Final PFAS UFP-SAP	**8/11/21**	EPA concurrence 8/16/21; DEQ concurrence 6/29/21
Draft 2021 Annual Report	**11/3/22**	EPA comments received 4/21/23
Response to Comments	**4/21/23**	Comment resolution 6/1/23
Final 2021 Annual Report	**6/13/23**	
Draft Expanded PFAS SI on Main Base	**3/20/23**	EPA comments received 5/18/23; DEQ indicated they had no comments on 7/26/23
Response to Comments	**8/14/23**	Comment resolution 9/7/23
Final Expanded PFAS SI on Main Base	**9/11/23**	EPA approval 10/24/23
Draft PFAS SI for Wallops Island	**11/2/22**	EPA comments received 2/13/23; DEQ comments received 3/3/23
Response to Comments	**3/6/23**	EPA comments received 3/7/23 and 5/23/23
Additional Response to Comments	**7/5/23**	Comment resolution: EPA 7/13/23; DEQ 7/17/23
Final PFAS SI for Wallops Island	**7/17/23**	
Draft Routine Monitoring Work Plan Revision 1	**12/14/22**	EPA comments received 2.27/23; DEQ indicates they have no comments
Response to Comments	**4/19/23**	Additional EPA comments 5/30/23
Additional Response to Comments	**6/16/23**	EPA concurrence 6/16/23
Final Routine Monitoring Work Plan Revision 1	**6/16/23**	EPA final approval 7/18/23
Draft Pad 0-B PFAS Report	**1/9/23**	EPA comments received 3/7/23; DEQ indicates they have no comments 4/3/23
Response to Comments	**4/19/23**	Comment resolution 5/30/23

TABLE 5-17
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) SAMPLING
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
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SUBMITTAL	DUE DATE	COMMENT
Final Pad 0-B PFAS Report	**6/14/23**	
Draft UFP-SAP for PFAS – Revision 1	**4/11/23**	EPA comments received 6/5/23; DEQ comments received 7/17/23
Response to Comments	**8/14/23**	EPA concurrence 9/20/23
Final UFP-SAP for PFAS – Revision 1	**9/28/23**	
Draft 2022 Annual PFAS Report	**10/23/23**	
Town of Chincoteague PFAS Treatment System Monthly Reports	**4/14/22** **6/16/22** **9/7/22** **11/28/22** **4/3/23** **4/12/23** **6/20/23** **7/17/23** **8/4/23** **9/26/23** **10/30/23** **11/8/23** **12/13/23**	Due to delay in received the analytical data, the monthly reports for November, December, and January will be submitted in February 2024.

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-18
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) MAIN BASE EAST
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Phase 1 RI Work Plan	**8/23/23**	EPA comments received 10/17/23 and 12/22/23; DEQ comments received 11/16/23
Response to Comments and Final Phase 1 RI Work Plan Rev 0	**1/19/24**	
Final Phase 1 RI Work Plan	3/31/24	
Field Investigation	3/31/24	Intrusive work complete as of 2/15/24
Draft Phase 1 RI Report	10/30/24	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-19
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) MAIN BASE NORTH
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Soil Delineation Work Plan	**9/18/23**	EPA comments received 10/24/23; DEQ comments received 10/16/23
Response to Comments	**10/30/23**	Comment resolution: EPA 10/30/23; DEQ 2/1/24
Final Soil Delineation Work Plan	**2/22/24**	
Draft Phase 1 RI Work Plan	3/15/24	
Field Investigation	7/31/24	April through July 2024
Draft Phase 1 RI Report	12/30/24	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-20
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) MAIN BASE CENTRAL
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Phase 1 RI Work Plan	9/20/24	
Field Investigation	06/30/25	Field investigation to begin in Spring 2025

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-21
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PER- AND POLYFUORINATED ALKYL SUBSTANCES (PFAS) WALLOPS ISLAND
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Phase 1 RI Work Plan	**12/13/23**	EPA comments received 2/13/24
Response to Comments	3/31/24	
Final Phase 1 RI Work Plan	4/15/24	
Field Investigation	4/30/24	Intrusive work complete as of 3/30/24
Draft Phase 1 RI Report	11/30/24	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-22
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
SOUTH WALLOPS ISLAND PERCHLORATE
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Investigation Summary Report for the Open Burn Area Perchlorate Investigation	**July 2020 (DEQ)**	Submitted to EPA 9/18/20
Alternate Source Report for the Perchlorate Investigation	**7/29/20**	Approved by DEQ 9/11/20
Draft Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	**1/27/22**	DEQ comments 3/11/22 and EPA comments 3/25/22
Response to Comments and Draft Final UFP-SAP for Perchlorate Investigation	**1/26/23**	EPA concurrence 5/23/23; DEQ concurrence 5/19/23
Final UFP-SAP	**6/14/23**	
Field Activities	**June 2023**	
Draft Perchlorate Investigation Report	April 2024	
Response to Comments	30 days after receipt of regulator comments	
Final Perchlorate Investigation Report	30 days after resolution of comments	Resolution of comments anticipated 30 days after receipt of comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 5-23
SCHEDULE OF ANNUAL SMP UPDATES AND SEMI-ANNUAL PROGRESS REPORTS FY '24-'25
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
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SUBMITTAL	DUE DATE
ANNUAL SMP UPDATES	
Fiscal Years 2005 and 2006	**2/3/05**
Fiscal Years 2006 and 2007	**11/22/05**
Fiscal Years 2007 and 2008	**11/30/06**
Fiscal Years 2008 and 2009	**11/28/07**
Fiscal Years 2009 and 2010	**12/3/08**
Fiscal Years 2010 and 2011	**12/1/09**
Fiscal Years 2011 and 2012	**12/10/10**
Fiscal Years 2012 and 2013	**12/5/11**
Fiscal Years 2013 and 2014	**12/13/12**
Fiscal Year 2014 and 2015	**2/11/14**
Fiscal Year 2015 and 2016	**12/17/14**
Fiscal Year 2016 and 2017	**12/1/15**
Fiscal Year 2017 and 2018	**12/9/16**
Fiscal Year 2018 and 2019	**12/11/17**
Fiscal Year 2019 and 2020	**12/21/18**
Fiscal Year 2020 and 2021	**11/27/19**
Fiscal Year 2021 and 2022	**3/11/21** (delay approved due to signing of FUDS AAOC in January 2021). EPA comments received 4/28/21; Revised SMP submitted on **9/9/21**; EPA concurrence received 9/20/21)
Fiscal Year 2022 and 2023	**3/10/22**
Fiscal Year 2023 and 2024	**3/13/23**
Fiscal Year 2024 and 2025	3/12/24
Fiscal Year 2025 and 2026	3/12/25
Fiscal Year 2026 and 2027	3/12/26
SEMI-ANNUAL PROGRESS REPORTS	
Fiscal Year 2005 Semi-Annual Progress Report	**6/1/05**
Fiscal Year 2006 Semi-Annual Progress Report	**5/25/06**
Fiscal Year 2007 Semi-Annual Progress Report	**5/24/07**
Fiscal Year 2008 Semi-Annual Progress Report	**5/28/08**
Fiscal Year 2009 Semi-Annual Progress Report	**6/1/09**
Fiscal Year 2010 Semi-Annual Progress Report	**5/26/10**

TABLE 5-23
SCHEDULE OF ANNUAL SMP UPDATES AND SEMI-ANNUAL PROGRESS REPORTS FY '24-'25
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

SUBMITTAL	DUE DATE
Fiscal Year 2011 Semi-Annual Progress Report	**6/22/11**
Fiscal Year 2012 Semi-Annual Progress Report	**5/30/12**
Fiscal Year 2013 Semi-Annual Progress Report	**Waived**
Fiscal Year 2014 Semi-Annual Progress Report	**Waived**
Fiscal Year 2015 Semi-Annual Progress Report	**6/16/15**
Fiscal Year 2016 Semi-Annual Progress Report	**6/1/16**
Fiscal Year 2017 Semi-Annual Progress Report	**5/8/17**
Fiscal Year 2018 Semi-Annual Progress Report	**7/14/18**
Fiscal Year 2019 Semi-Annual Progress Report	**6/27/19**
Fiscal Year 2020 Semi-Annual Progress Report	**7/15/20**
Fiscal Year 2021 Semi-Annual Progress Report	**9/9/21**
Fiscal Year 2022 Semi-Annual Progress Report	**9/29/22**
Fiscal Year 2023 Semi-Annual Progress Report	**9/12/23**
Fiscal Year 2024 Semi-Annual Progress Report	9/12/24
Fiscal Year 2024 Semi-Annual Progress Report	9/12/25
Fiscal Year 2024 Semi-Annual Progress Report	9/12/26

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-1
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 07 – BOAT BASIN AND VISITOR'S CENTER
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
MEC Surface Sweep Draft Work Plan and Action Memorandum	**5/23/22**	EPA comments received 5/26/22; DEQ comments received 6/3/22
MEC Surface Sweep Final Work Plan and Action Memorandum	**6/14/22**	EPA concurrence 6/14/22
Draft MEC Surface Sweep After Action Report	**8/30/22**	EPA concurrence 9/12/22; DEQ concurrence 10/24/22
Final MEC Surface Sweep After Action Report	**11/2/22**	
Draft RI Report Revision	**3/23/23**	DEQ comments received 6/2/23; EPA comments received 6/27/23
Response to Comments	**12/21/23**	Comments anticipated 90 days after draft
Final RI Report Revision	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments
Draft RI Addendum SAP	11/30/24	
Final RI Addendum SAP	30 days after comment resolution	
Draft RI Addendum	120 days following field work	
Final RI Addendum		
Draft Feasibility Study	12/31/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Feasibility Study	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments
Draft Proposed Plan		Schedule to be determined based on finalization of Feasibility Study
Response to Comments		
Final Proposed Plan		
Draft ROD		
Response to Comments		
Final ROD		

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-2
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PROJECT 08 – BOAT BASIN AREA
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft No Further Action Concurrence Statement	9/30/23	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Concurrence Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-3
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 09 – SKEET RANGE FUDS PROGRAM
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft Supplemental Sampling Work Plan	**11/3/16**	Overall approach changed; supplemental sampling not completed and a Remedial Investigation will be implemented
Draft RI Sampling and Analysis Plan	**9/6/17**	
Response to Comments	**3/13/18**	Comments received December 2017
Final RI Sampling and Analysis Plan	**3/13/18**	Field work completed 3/31/18
Draft RI Sampling and Analysis Plan - Addendum	**7/20/18**	
Response to Comments - Addendum	**10/23/18**	EPA comments received 9/21/18
Final RI Sampling and Analysis Plan - Addendum	**10/23/18**	EPA approval – 11/9/18
Draft RI Report	**9/17/19**	Field activities completed 3/27/19
Response to Comments	**12/9/19 (re-submitted 12/31/19 based on discussion at 12/12/19 RPM meeting)**	Comments from EPA and DEQ received in October 2019
Final RI Report	**1/20/20**	Comments approved 12/31/19 by EPA and DEQ; final approval by EPA (2/28/20) and DEQ (2/20/20)
Draft Feasibility Study	**3/31/21**	EPA comments 5/24/21; DEQ approval 6/8/21
Response to Comments	**10/28/21**	EPA had additional comments on 12/27
Final Feasibility Study	**2/10/22**	EPA concurrence 2/14/22; DEQ concurrence 2/28/22
Draft Proposed Plan	**10/24/22**	EPA comments received 1/19/23
Draft Final Proposed Plan	**2/6/23**	EPA comments received 3/6/23
Final Proposed Plan	**4/3/23**	Tribal notifications 4/3/23; public information session 4/5/23; EPA final concurrence 4/11/23

TABLE 6-3
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PROJECT 09 – SKEET RANGE FUDS PROGRAM
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN
PAGE 2 OF 2

SUBMITTAL	DUE DATE	COMMENT
Draft Proposed Plan Public Notice and Information Sheet	**3/20/23**	DEQ concurrence 3/20/23; EPA comments 4/5/23
Final Proposed Plan Public Notice and Information Sheet	**4/5/23**	
Draft ROD	**11/15/23**	EPA comments received 1/19/24; DEQ comments received 2/14/24
Response to Comments	3/29/24	
Final ROD	30 days after comment resolution	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-4
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 11 – MAIN BASE AREA OF INTEREST FUDS PROGRAM
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft RI Work Plan	**2/8/19**	Comments received 3/16/19 (EPA) and 3/29/19 (DEQ); comments discussed at April and September 2019 RPM meetings. A scoping session is planned for the December 2019 RPM meeting
Revised Draft RI Work Plan	**4/24/20**	Revisions based on scoping call with EPA and DEQ on 12/12/19
Response to Comments	**8/28/20**	Comments received 6/1/20 (EPA) and 6/2/20 (DEQ); additional discussion 6/17/20
Final RI Work Plan	**12/21/20**	DEQ approval (9/9/20); additional EPA comments 9/28/20
Phase 1 Draft RI Report	5/31/2024	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Phase 1 RI Report	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments; Report will provide a detailed plan for Phase 2 field activities
Draft ESI Work Plan, AI-28 and AI-67	**11/1/17**	
Response to Comments	**1/24/18**	Comments: EPA 11/30/17; DEQ 11/21/17
Final ESI Work Plan, AI-28 and AI-67	**1/24/18**	
Draft ESI Report, AI-28 and AI-67	**7/3/18**	Field activities completed 2/1/18
Response to Comments	**03/31/20**	EPA comments received 10/12/18; follow-up conference call 10/24/18. Deferred until completion of Project 11 RI.
Final ESI Report, AI-28 and AI-67	Deferred until completion of Project 11 RI	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-5
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PROJECT 12 – POL STORAGE AND DISTRIBUTION
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft No Further Action Concurrence Statement	9/30/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Concurrence Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-6
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 13 – OLD WASTE WATER TREATMENT PLANT (WWTP)
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft PRAP	**1/22/16**	
Response to Comments	**4/14/16**	DEQ and EPA comments received 3/18/16
Final PRAP	**8/31/16**	Comments resolved 4/26/15 but final PRAP delayed to coincide with issuance of other facility PRAPs
Draft ROD	**6/23/16**	
Response to Comments	**1/25/17**	DEQ comments resolved 2/7/17
Draft Final ROD	**7/11/17**	Response to additional EPA comments on 2/1/18
Response to Comments	**7/24/17 (initial); 10/26/18 (most recent)**	Additional comments received from EPA on 3/18/18 and 10/26/18
Revised PRAP	**1/31/22**	Due to the age of the original PRAP, a revised PRAP was prepared; EPA comments received 3/14/22; DEQ comments received 3/22/22
Draft Final PRAPs	**6/24/22 and 6/30/22**	Minor changes made between these two draft documents
Fact Sheet associated with the PRAP	**7/20/22**	
Final PRAP and Tribal Notifications	**8/18/22**	EPA approval September 1, 2022
Public Comment Period	**8/22/22 – 9/21/22**	
Revised Draft ROD	**2/16/23**	EPA comments received 4/11/23; DEQ comments received 5/19/23
Response to Comments and Revised ROD	**5/30/23**	EPA concurrence 5/31/23; DEQ concurrence 6/1/23
Final Signed ROD	**6/22/23**	
Draft Remedial Design	12/31/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Remedial Design	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-7
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 14 – REGULUS LAUNCH AREA
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft No Further Action Concurrence Statement	9/30/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Concurrence Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-8
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 15 – SITE 9 ABANDONDED DRUM DUMP
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft PRAP	**11/23/15**	
Response to Comments	**2/11/16**	DEQ comments 1/5/16; EPA comments 1/28/16
Final PRAP	**5/19/16**	Comments resolved 3/7/16 and final approved 3/14/16 but delayed issuance until public comment period
Draft ROD	**4/7/16**	
Response to Comments	**7/24/17**	DEQ comments 5/26/16; EPA comments 12/28/16; DEQ comments resolved 2/7/17; EPA submitted additional comments on 5/18/17
Draft Final ROD	**7/24/17**	Initial response to EPA comments submitted on 2/1/18; Two additional responses completed; EPA approved responses on 10/12/18
Response to Comments	**11/1/18**	EPA comments resolved on 2/21/19
Revised Final ROD	**3/29/21**	Final EPA comments received 3/16/21; EPA approved 4/6/21
Final ROD	**4/29/21**	Final signatures from all parties

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-9
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 15 – CONSTRUCTION DEBRIS LANDFILL
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft Supplemental Field Investigation Report	**3/12/21**	EPA comments received 4/23/21; DEQ comments received 5/14/21
Response to Comments	**8/3/21**	
Revised Draft Supplemental Field Investigation Report to include background study information	**2/24/22**	EPA comments received 4/11/22
Response to Comments	**5/19/22**	EPA concurrence 6/21/22
Final Supplemental Field Investigation Report	**6/30/22**	EPA concurrence 7/1/22
Draft EE/CA	**3/8/22**	EPA comments received 5/20/22; DEQ approval 6/15/22
Response to Comments	**7/18/22**	EPA additional comments received 9/12/22
Additional Response to Comments	**9/28/22**	EPA concurrence 10/11/22
Final EE/CA	**10/25/22**	EPA concurrence 10/27/22
SAP for Removal Action Work Plan	**8/4/22**	EPA comments received 9/28/22 and 10/12/22
Response to Comments and Revised Draft SAP	**1/3/23**	EPA comments received 2/13/23
Additional Response to Comments and Revised SAP	**2/27/23**	EPA comments received 2/28/23
Final SAP	**3/3/23**	EPA concurrence 3/6/23
Draft Action Memorandum	**1/6/23**	EPA comments received 2/22/23
Response to Comments	3/13/23	EPA comments received 3/15/23
Final Action Memorandum	3/30/23	EPA concurrence 3/30/23
Draft Removal Action Completion Report	**2/5/24**	Removal action completed in October 2023
Response to Comments	45 days after receipt of comments	
Final Removal Action Completion Report	30 days after resolution of comments	

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-10
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 15 – SITE 14 DEBRIS PILE
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft PRAP	**11/23/15**	
Response to Comments	**2/4/16**	DEQ comments 1/6/16; EPA comments 2/4/16
Final PRAP	**5/19/16**	Comments resolved 3/14/16 and final approved 3/15/16 but delayed issuance until public comment period
Draft ROD	**3/14/16**	
Response to Comments	**7/13/17**	DEQ comments 5/20/16; final EPA comments on 6/9/17; resolution of DEQ comments 2/8/17
Draft Final ROD	**8/30/17**	EPA technical comments received on 1/11/18
Response to Comments	**6/14/18**	Additional EPA comments received on 10/30/18
Revised PRAP	**1/31/22**	Due to the age of the original PRAP, a revised PRAP was prepared; the document was combined with Project 15 – Site 15 into a single PRAP
Response to Comments	After review of comments, it was determined that these comments could not be addressed in the PRAP; NASA and the EPA/DEQ will work together to determine the next steps	EPA comments received 3/10/22

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-11
SCHEDULE OF DELIVERABLES/SUBMITTALS FY '24-'25
PROJECT 15 – SITE 15 DEBRIS PILE
NASA WALLOPS FLIGHT FACILITY
FY '24-'25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Draft PRAP	**11/23/15**	
Response to Comments	**2/4/16**	DEQ comments 1/6/16; EPA comments 2/4/16
Final PRAP	**5/19/16**	Comments resolved 3/14/16 and final approved 3/15/16 but delayed issuance until public comment period
Draft ROD	**3/14/16**	
Response to Comments	**7/13/17**	DEQ comments 5/20/16; final EPA comments on 6/9/17; resolution of DEQ comments 2/8/17
Draft Final ROD	**8/30/17**	EPA technical comments received on 1/11/18
Response to Comments	**6/14/18**	Additional EPA comments received on 10/30/18
Revised PRAP	**1/31/22**	Due to the age of the original PRAP, a revised PRAP will be prepared; the document was combined with Project 15 – Site 14 into a single PRAP
Response to Comments	After review of comments, it was determined that these comments could not be addressed in the PRAP; NASA and the EPA/DEQ will work together to determine the next steps	EPA comments received 3/10/22

Note: Dates in **bold** indicate actual date of submittal.

TABLE 6-12
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PROJECT 15 – SITES 48, 49, 50, 51, AND 52
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft No Further Action Concurrence Statement	9/30/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Concurrence Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

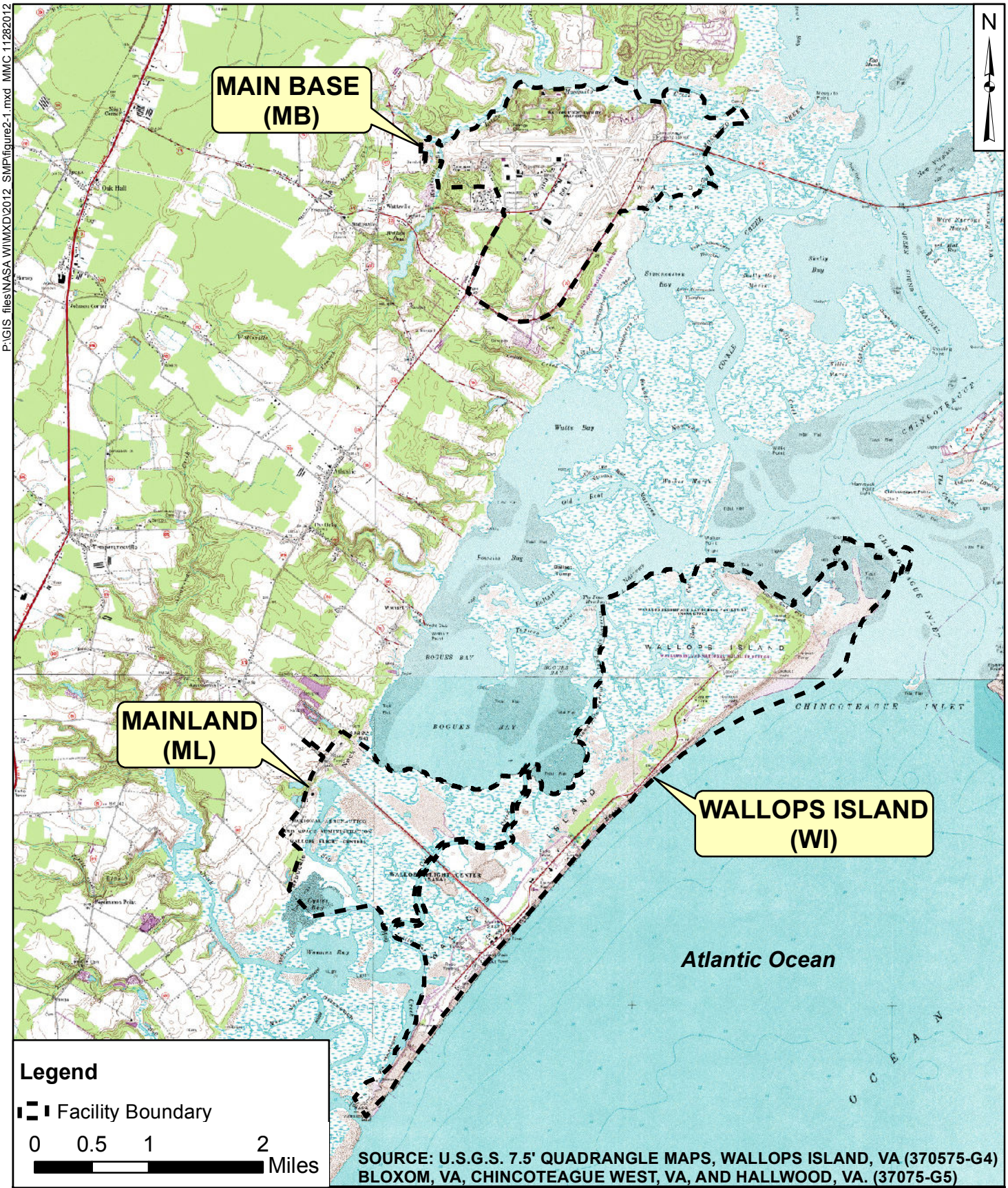
TABLE 6-13
SCHEDULE OF DELIVERABLES/SUBMITTALS FY ’24-’25
PROJECT 15 - TWO 600,000-GALLON FUEL TANKS (A-46A AND A-46B)
NASA WALLOPS FLIGHT FACILITY
FY ’24-’25 SITE MANAGEMENT PLAN

SUBMITTAL	DUE DATE	COMMENT
Revised Draft No Further Action Concurrence Statement	6/30/24	
Response to Comments	45 days after receipt of comments	Comments anticipated 60 days after draft
Final Concurrence Statement	30 days after resolution of comments	Resolution of comments anticipated 30 days after response to comments

Note: Dates in **bold** indicate actual date of submittal.

FIGURES

P:\GIS files\NASA WI\MXD\2012_SMP\figure2-1.mxd MMC 11282012



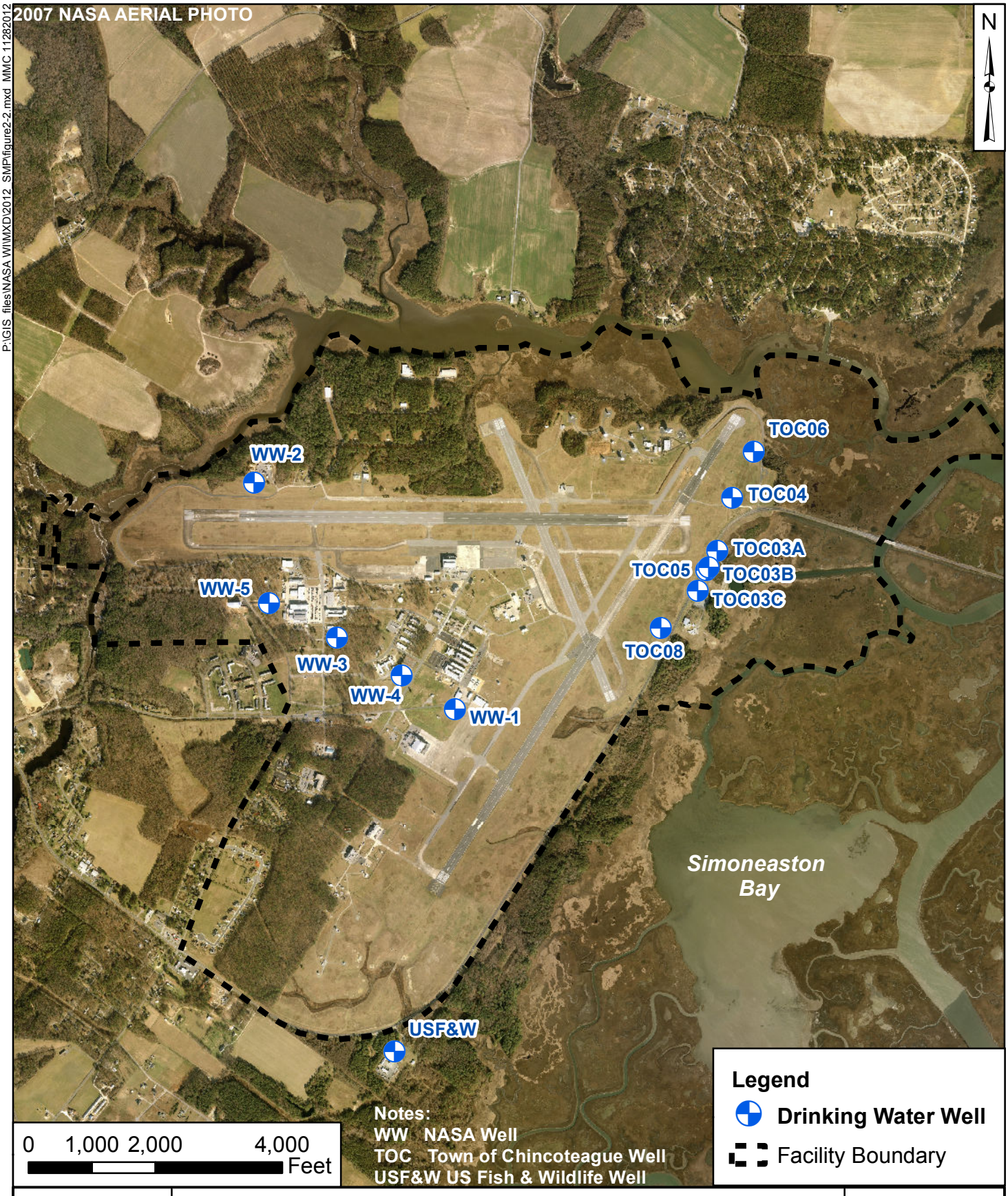
SOURCE: U.S.G.S. 7.5' QUADRANGLE MAPS, WALLOPS ISLAND, VA (370575-G4)
BLOXOM, VA, CHINCOTEAGUE WEST, VA, AND HALLWOOD, VA. (37075-G5)

FACILITY LOCATION MAP
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY — DATE —

FIGURE NO.
4-1



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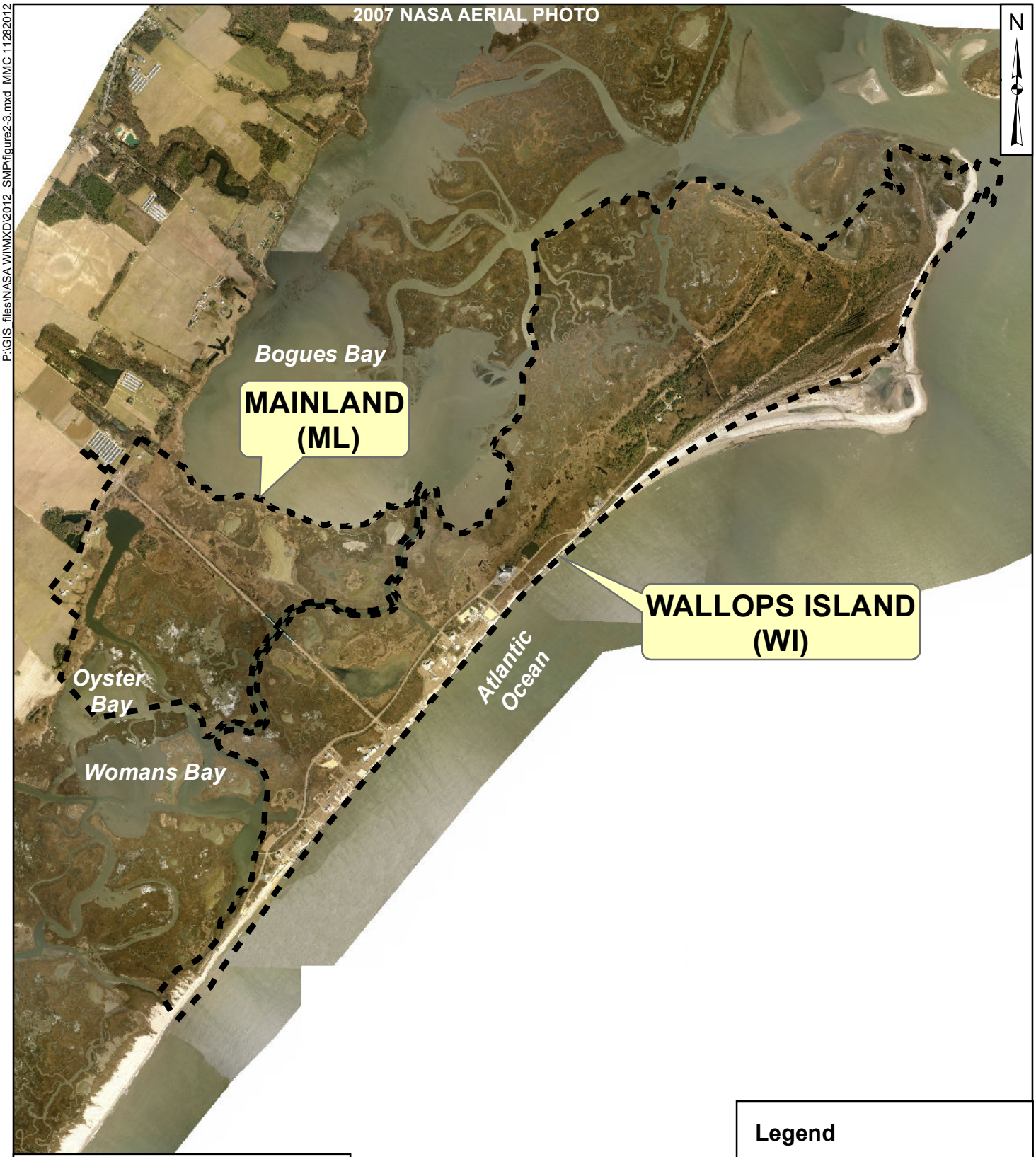
MAIN BASE (MB) LOCATION AND WATER SUPPLY WELL MAP SITE MANAGEMENT PLAN NASA WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER 112G04458

APPROVED BY — DATE —

FIGURE NO. 4-2



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MAINLAND (ML) AND WALLOPS ISLAND
LOCATION MAP
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY — DATE —

FIGURE NO. **4-3**

P:\GIS files\NASA WI\MXD\2012_SMP\figure2-4.mxd MMC 11282012

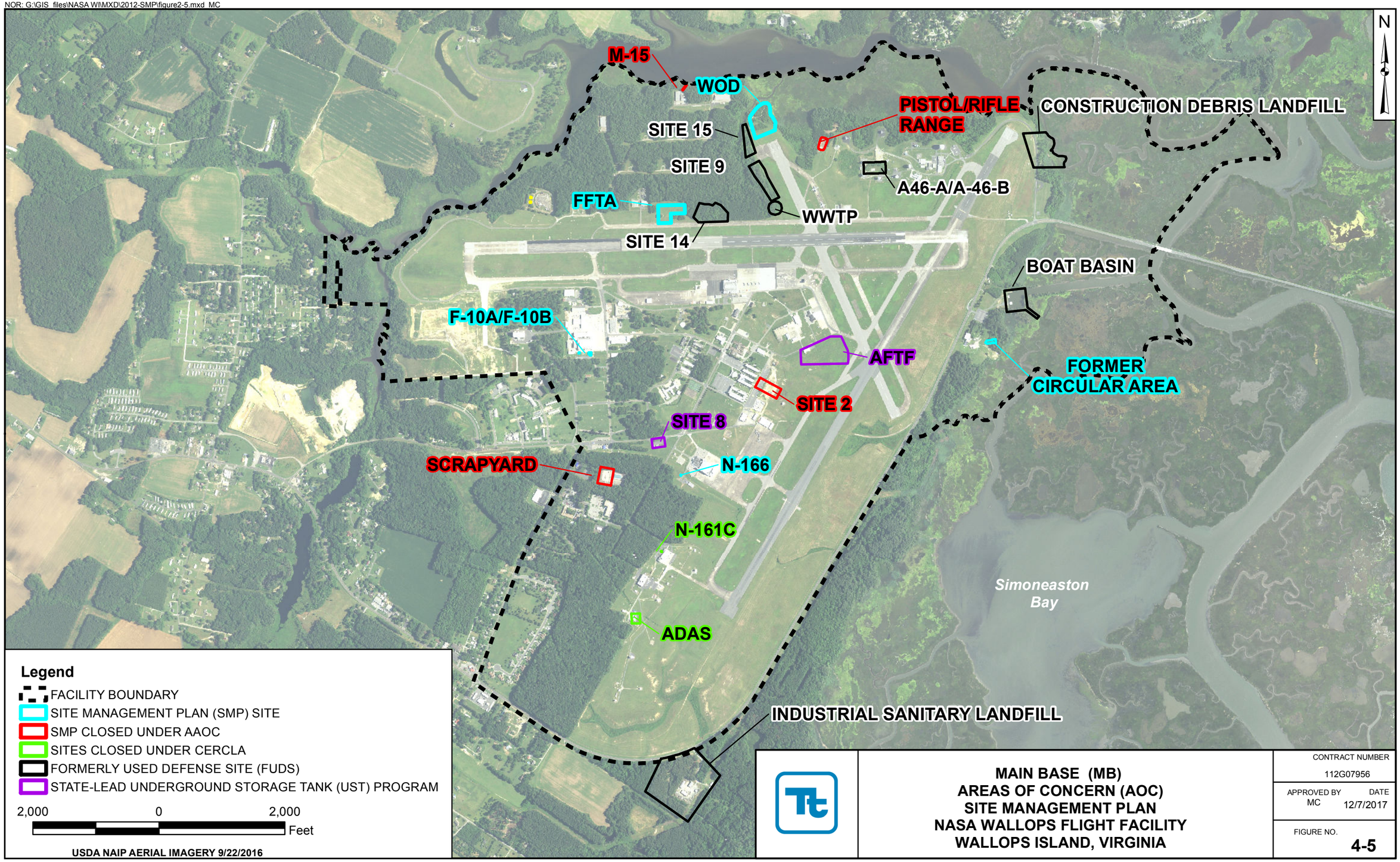
MAINLAND (ML) WATER SUPPLY WELLS
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY — DATE —

FIGURE NO. **4-4**

NOR: G:\GIS_files\NASA W\MXD\2012-SMP\figure2-5.mxd MC



Legend

- FACILITY BOUNDARY
- SITE MANAGEMENT PLAN (SMP) SITE
- SMP CLOSED UNDER AAOC
- SITES CLOSED UNDER CERCLA
- FORMERLY USED DEFENSE SITE (FUDS)
- STATE-LEAD UNDERGROUND STORAGE TANK (UST) PROGRAM

2,000 0 2,000 Feet

USDA NAIP AERIAL IMAGERY 9/22/2016

MAIN BASE (MB)
AREAS OF CONCERN (AOC)
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G07956

APPROVED BY MC
DATE 12/7/2017

FIGURE NO.
4-5

NOR: G:\GIS_files\NASA WI\MXD\2012-SMP\figure2-6.mxd SKS

N

SITE 4

Bogues Bay

Oyster Bay

Womans Bay

Atlantic Ocean

SITE 5

SITE 12

SITE 6

OPEN BURN AREA

SEDA

Legend

- FACILITY BOUNDARY
- SMP SITE CLOSED UNDER AAOC
- STATE-LEAD UNDERGROUND STORAGE TANK (UST) PROGRAM
- ACTIVE SITE

2,000 0 2,000

Feet

Aerial photograph1 meter from USDA NAIP 2012

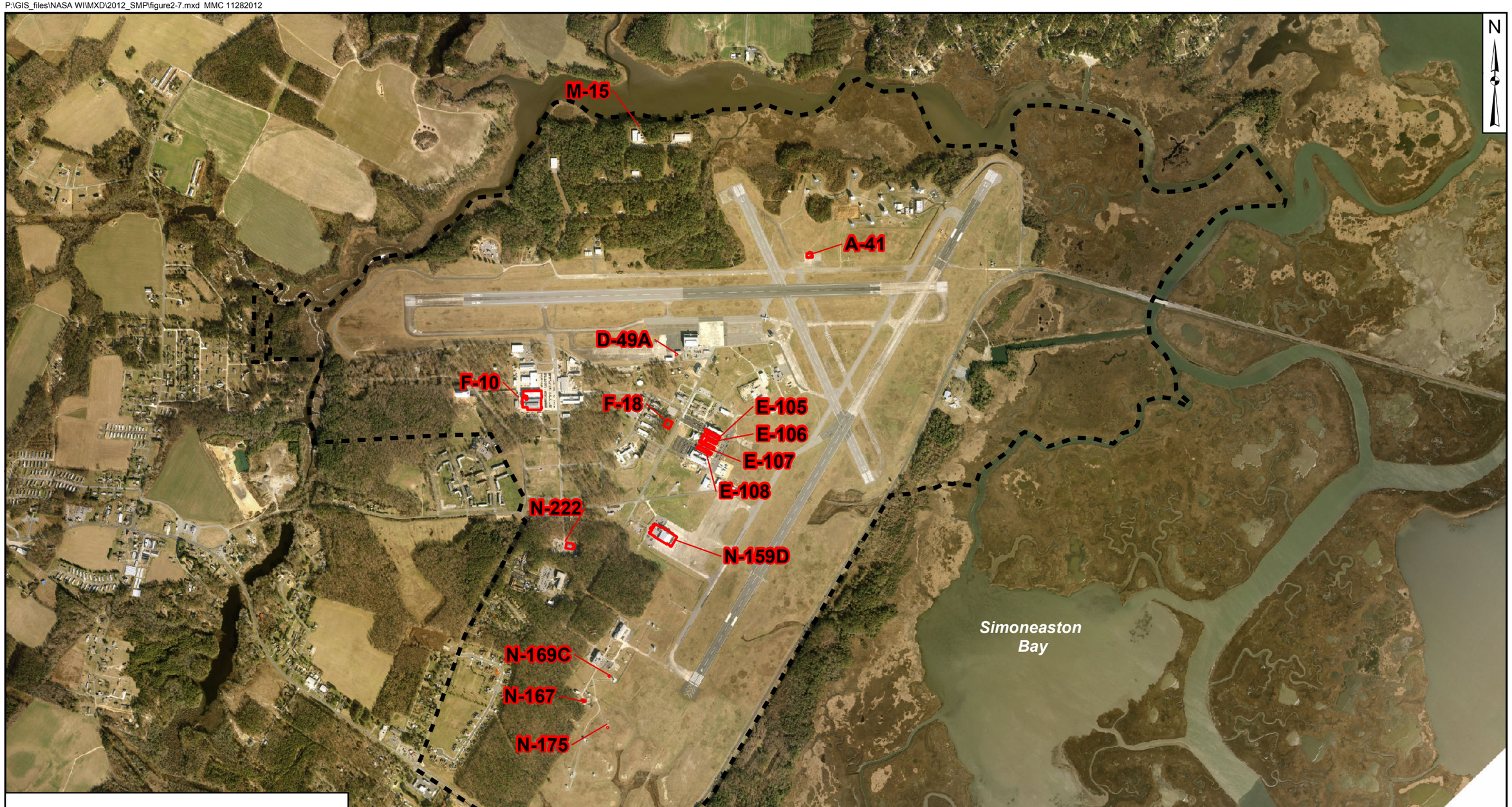
MAINLAND (ML) AND WALLOPS ISLAND (WI) AREAS OF CONCERN (AOC) SITE MANAGEMENT PLAN NASA WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER 112G06802

APPROVED BY ___ DATE 9/2/2021

FIGURE NO. 4-6

P:\GIS_files\NASA WI\MXD\2012_SMP\figure2-7.mxd MMC 11282012



SITE 7 MAIN BASE (MB)
TRANSFORMER LOCATIONS
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY — DATE —

FIGURE NO.
4-7

P:\GIS_files\NASA WI\MXD\2012_SMP\figure2-8.mxd MMC

N

V-81
V-65
V-50
Bogues Bay
U-5
U-40A
W-32
W-20
Atlantic Ocean
X-85
Oyster Bay
X-115
Y-75
Z-26
Womans Bay
Z-41
Z-42
Z-44

Aerial photograph1 meter from USDA NAIP 2012

Legend

FACILITY BOUNDARY

SMP SITE CLOSED UNDER AAOC

2,000 0 2,000

Feet

SITE 7 MAINLAND (ML) AND WALLOPS ISLAND (WI)
TRANSFORMER LOCATIONS
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G06802

APPROVED BY ___ DATE 11/24/14

FIGURE NO.
4-8

P:\GIS_files\NASA WI\MXD\2012_SMP\figure2-9.mxd MMC 11282012

SITE 11 MAIN BASE (MB)
TRANSFORMER LOCATIONS
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY — DATE —

FIGURE NO.
4-9

P:\GIS_files\NASA WI\MXD\2012_SMP\figure2-10.mxd MMC 11282012

Legend

FACILITY BOUNDARY

SMP SITE CLOSED UNDER AAOC

2,000 0 2,000

Feet

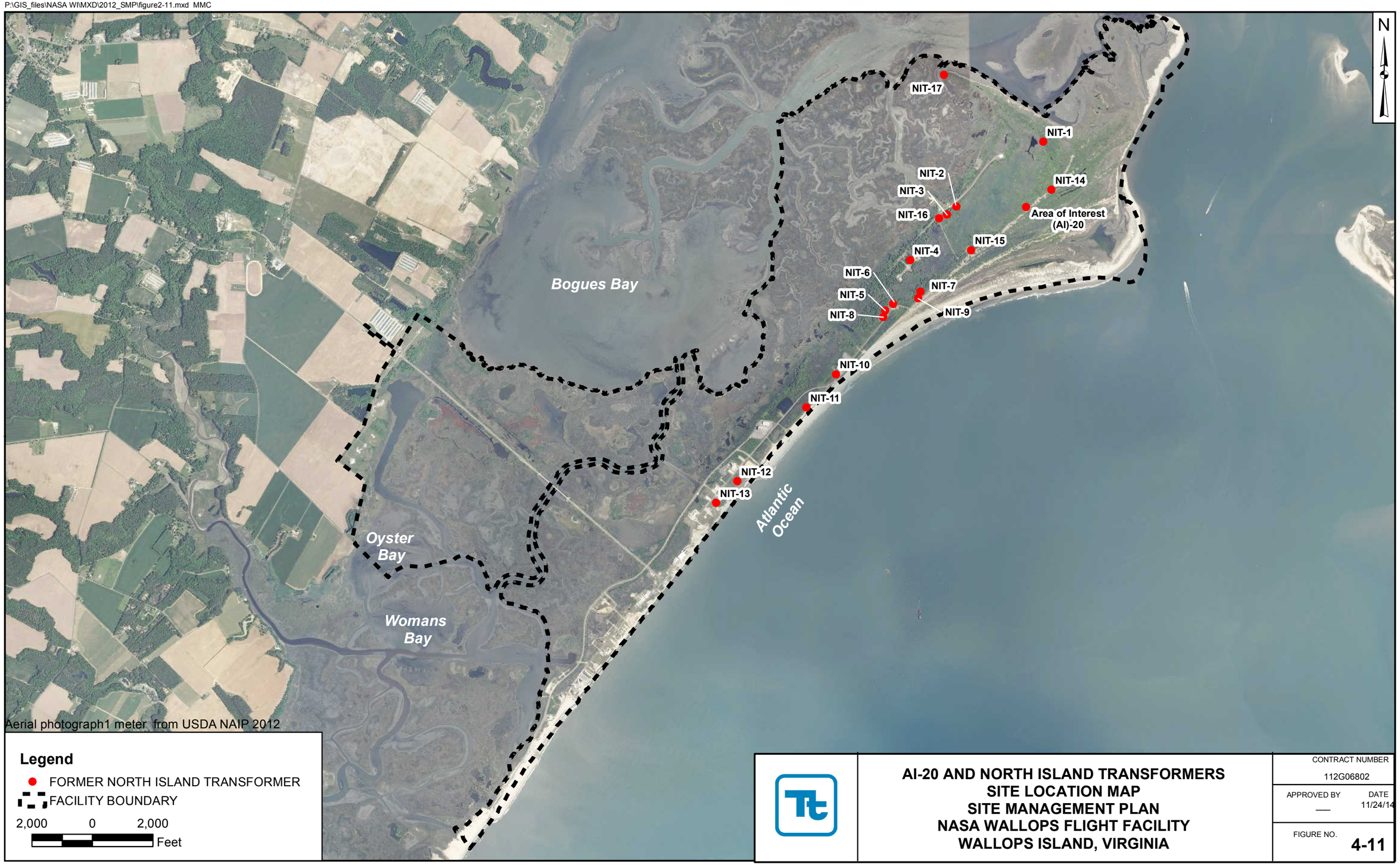
SITE 11 MAINLAND (ML) AND WALLOPS ISLAND (WI)
TRANSFORMER LOCATIONS
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER
112G04458

APPROVED BY ___ DATE ___

FIGURE NO.
4-10

P:\GIS_files\NASA WI\MXD\2012_SMP\figure2-11.mxd MMC



Aerial photograph1 meter from USDA NAIP 2012

Legend

- FORMER NORTH ISLAND TRANSFORMER
- FACILITY BOUNDARY

2,000 0 2,000 Feet

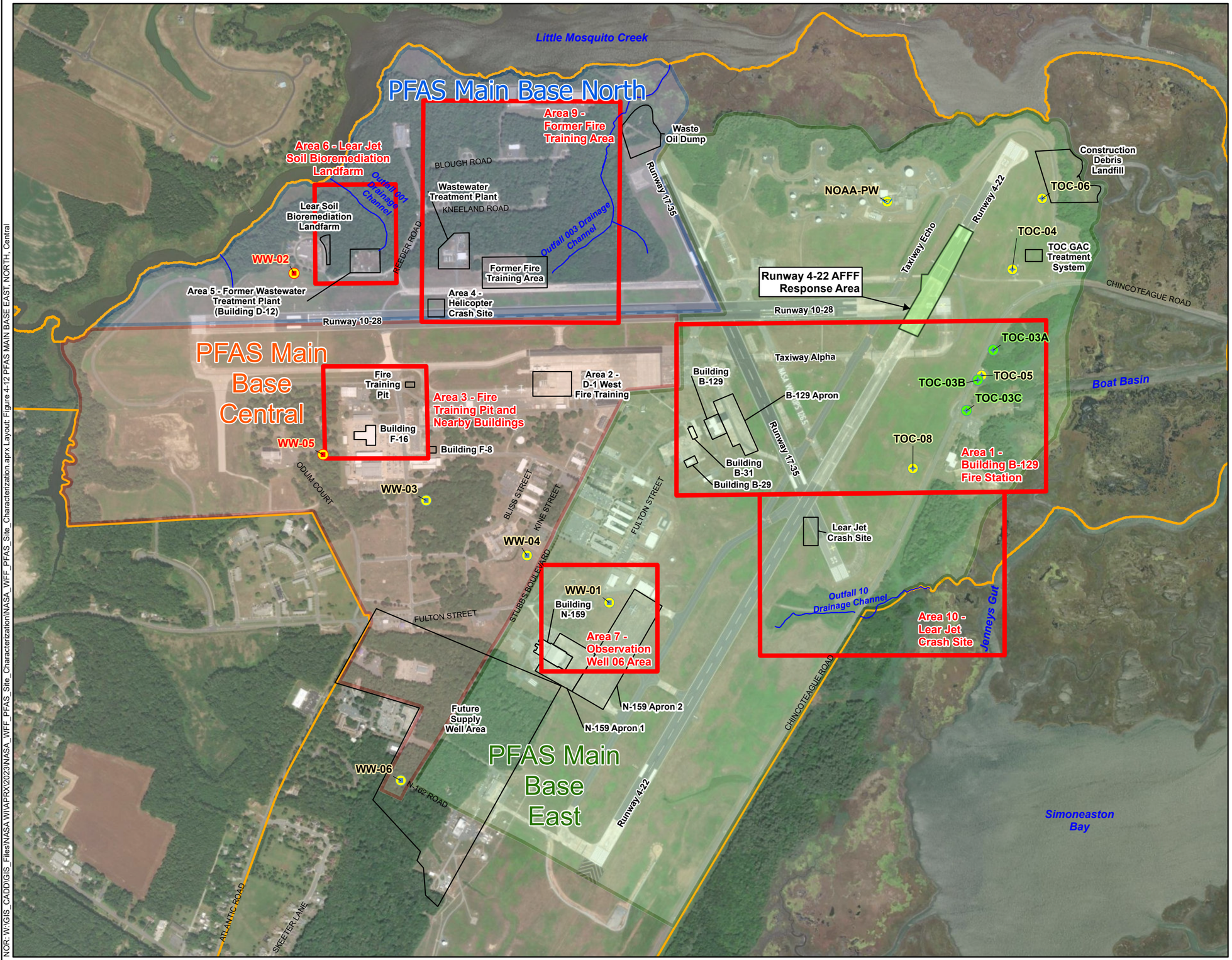
AI-20 AND NORTH ISLAND TRANSFORMERS
SITE LOCATION MAP
SITE MANAGEMENT PLAN
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

CONTRACT NUMBER 112G06802

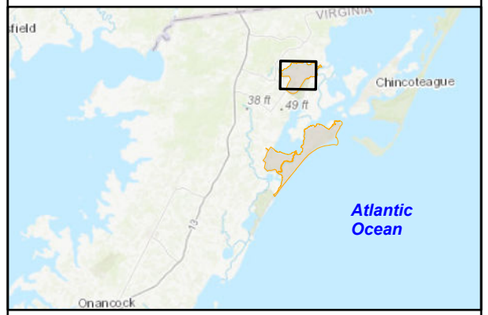
APPROVED BY —

DATE 11/24/14

FIGURE NO. **4-11**



- Town of Chincoteague Shallow Production Well
- Town of Chincoteague Deep Production Well
- NASA Deep Production Well
- NASA Deep Production Well (Abandoned)
- NOAA Shallow Production Well
- Drainage Channel
- RI PFAS Investigation Area
- Building, Apron, or Area
- Installation Boundary
- PFAS Main Base Central (RI)
- PFAS Main Base East (RI)
- PFAS Main Base North (RI)



N

0 250 500 1,000 Feet

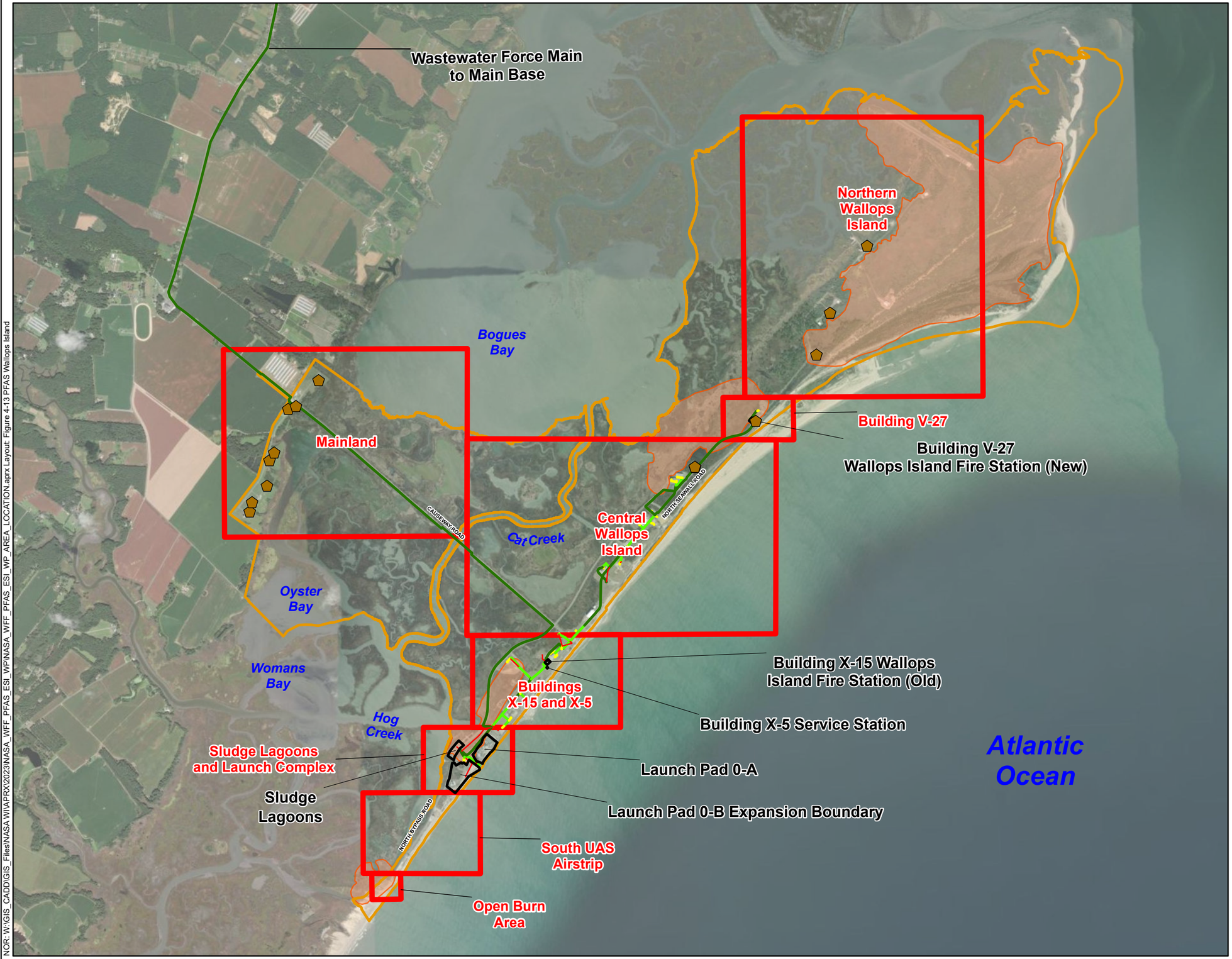
PFAS MAIN BASE EAST, NORTH, AND CENTRAL
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

PREPARED FOR	PREPARED BY
NASA	TETRA TECH

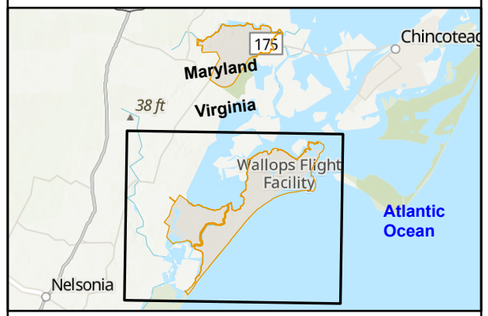
FIGURE NO.	FILE	DATE
4-12	112G09524	**3/7/2024**

Aerial Imagery: USDA, NAIP 2021

NOR: W:\GIS_CADD\GIS_Files\NASA WI\APRX\2023\NASA_WFF_PFAS_Site_Characterization\NASA_WFF_PFAS_Site_Characterization.aprx Layout: Figure 4-12 PFAS MAIN BASE EAST, NORTH, Central



- Wastewater Septic Tank
- Wastewater Line (Abandoned)
- Wastewater Force Main
- Wastewater Gravity Main
- Wastewater Overflow
- Wastewater Service Line
- Wastewater Sludge
- Brush Fire Areas
- Area, Structure, or Building
- PFAS Investigation Areas
- Installation Boundary



N

0 750 1,500 3,000 Feet

PFAS WALLOPS ISLAND
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

PREPARED FOR NASA

PREPARED BY TETRA TECH

FIGURE NO.	FILE	DATE
4-13	112G09158	**3/7/2024**

Maxar (Vivid) March 4, 2021

NOR: W:\GIS_CADD\GIS_Files\NASA WI\APRX\2023\NASA_WFF_PFAS_ESI_WP\NASA_WFF_PFAS_ESI_WP_AREA_LOCATION.aprx Layout: Figure 4-13 PFAS Wallops Island

APPENDICES

APPENDIX A

ADMINISTRATIVE RECORD INDEX

Administrative Record - Wallops Flight Facility

DVD	ID No.	EPA AR Category and Document Tracking No.	EPA AR Category #	EPA AR Category	Date	No. of pages	Version	Description of Document/Correspondence	Doc. Type	Site	Site Name	Author	Author Affiliation	Recipient	Recipient Affiliation
1	0001	01.01.00.0001	01.01	Pre-Remedial Investigation Correspondence	3/1/1986	131		Vol. 1, Environmental Audit Goddard Space flight Center Wallops Flight Facility	Letter	WFF	General Site-Wide Information		Fred C. Hart Associates, Inc.		National Aeronautics and Space Administration (NASA)
1	0002	01.01.00.0002	01.01	Pre-Remedial Investigation Correspondence	9/18/1989	17		Review of Removal Actions, Waste Oil Site End of Runway 17-35	Letter	WOD	Waste Oil Dump	M. Green	NASA	James A. Asne	EBASCO Services, Inc.
1	0003	01.01.00.0003	01.01	Pre-Remedial Investigation Correspondence	3/3/1993	6		Locations and Maps for Coordination of Environmental Sites	Letter	WFF	General Site-Wide Information	Teresa Spagnuolo	NASA, Environmental Branch		NASA, Fac. Eng. Br.; Fac. Mgm. Sec; Plant O&M Br.
1	0004	01.01.00.0004	01.01	Pre-Remedial Investigation Correspondence	6/2/2003	9	RTC	Draft Site Screening Document M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site		Tetra Tech NUS, Inc.		NASA, EPA, VADEQ
1	0005	01.02.00.0001	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	4/14/1988	14		Preliminary Assessment Report for Wallops Flight Facility (WFF), National Aeronautics and Space Administration, Wallops Island, Virginia, undated	Report	WFF	General Site-Wide Information				
1	0006	01.02.00.0002	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	8/1/1994	371		Environmental Resources Document	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0007	01.02.00.0003	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	10/1999	381		Environmental Resource Document	Report	WFF	General Site-Wide Information		Occu-Health, Inc.		NASA
1	0008	01.03.00.0001	01.03	Pre-Remedial Investigation Site Investigation Documents	2/1/1989	51		NASA Site Inspection for Goddard Space Flight Center and WFF, Statement of Work for Soil Borings and Well Installations	WP	WFF	General Site-Wide Information		EBASCO Services, Inc.		NASA
1	0009	01.03.00.0002	01.03	Pre-Remedial Investigation Site Investigation Documents	3/1/1989	61		Site Inspection Goddard Space Flight Center Field Sampling Plan	WP	WFF	General Site-Wide Information		EBASCO Services, Inc.		NASA
1	0010	01.03.00.0003	01.03	Pre-Remedial Investigation Site Investigation Documents	1/1/1990	155	Final	Site Inspection NASA, Volumes I and II	Report	WFF	General Site-Wide Information		EBASCO Services, Inc.		
1	0011	01.03.00.0004	01.03	Pre-Remedial Investigation Site Investigation Documents	9/1/1990	28	Final	Report Soil Gas and PCB Screen; Waste Oil Dump; Scrapyard; PCB Transformer	Report	WFF	General Site-Wide Information		EBASCO Services, Inc.		NASA
1	0012	01.03.00.0005	01.03	Pre-Remedial Investigation Site Investigation Documents	9/26/1991	44		Detection Limits/Analytical Methods for All Analyses: TCL Volatiles, semi-Volatiles, Pesticides/PCB's and TAL Metals and Cyanide	Letter	WFF	General Site-Wide Information	Teresa Spagnuolo	NASA	Jane Pilllips	Metcalf & Eddy
1	0013	01.03.00.0006	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/1992	142		Quality Assurance/Quality Control Plan; Revision of Site Investigation	WP	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0014	01.03.00.0007	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/1992	98		Field Sampling and Analysis Plan, Revision of Site Investigation	WP	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0015	01.03.00.0008	01.03	Pre-Remedial Investigation Site Investigation Documents	8/1/1992	227	Final	Report; Revision of Site Investigation Vol. I	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0016	01.03.00.0009	01.03	Pre-Remedial Investigation Site Investigation Documents	8/1/1992	330	Final	Report; Revision of Site Investigation Vol. II - References	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0017	01.03.00.0010	01.03	Pre-Remedial Investigation Site Investigation Documents	8/1/1992	474	Final	Report; Revision of Site Investigation Vol. IV - References	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0018	01.03.00.0011	01.03	Pre-Remedial Investigation Site Investigation Documents	8/22/1995	469	Final	Site Inspection Work Plan	WP	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA

Administrative Record - Wallops Flight Facility

DVD	ID No.	EPA AR Category and Document Tracking No.	EPA AR Category #	EPA AR Category	Date	No. of pages	Version	Description of Document/Correspondence	Doc. Type	Site	Site Name	Author	Author Affiliation	Recipient	Recipient Affiliation
1	0019	01.03.00.0012	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/1996	30		Aerial Photographic Analysis NASA - Wallops Flight Facility, Wallops Island, Virginia	Report	WFF	General Site-Wide Information	G. I. Martucci	Lockheed Environmental Systems & Technologies Co.		EPA/ORD EPA Hazardous Waste Mgm. Div. Reg. 3, Phila, PA Office of Emergency and Remedial Response, Wash, DC
1	0020	01.03.00.0013	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	512		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume I, Site Inspection Report	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0021	01.03.00.0014	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	155		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume II, Preliminary Reports, Phases I-II, Field Surveys	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0022	01.03.00.0015	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	407		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume III, Preliminary Reports, Phases III-IV, Field Sampling	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0023	01.03.00.0016	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	180		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume IV, Preliminary Reports, HRS Scoring	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0024	01.03.00.0017	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	435		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume V, Preliminary Reports, HRS PRESCORE Output	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0025	01.03.00.0018	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	1168		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume VI, Preliminary Report, HRS PRESCORE Output	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0026	01.03.00.0019	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	92		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume VII, Preliminary Report, EPA HRS PRESCORE Software and Manual	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0027	01.03.00.0020	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	425		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume VIII, Preliminary Reports, References	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0028	01.03.00.0021	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	699		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume IX, Preliminary Report, References	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0029	01.03.00.0022	01.03	Pre-Remedial Investigation Site Investigation Documents	3/27/1996	847		Site Inspection for Miscellaneous Sites at Wallops Flight Facility, Volume X, Preliminary Report, References	Report	WFF	General Site-Wide Information		Metcalf & Eddy, Inc.		NASA
1	0030	01.03.00.0023	01.03	Pre-Remedial Investigation Site Investigation Documents	11/1/2000	36		Wallops Flight Facility - Main Base GIS Based Historical Photographic Analysis 1938-1980	Report	WFF	General Site-Wide Information		U.S. Army Corps of Engineers, Norfolk District		NASA
1	0031	01.03.00.0024	01.03	Pre-Remedial Investigation Site Investigation Documents	7/31/2001	95		Site Investigation Report ADAS Facility Site 10	Report	10	Advanced Data Acquisition Support Facility (ADAS)		Versar, Inc.		NASA
1	0032	01.03.00.0025	01.03	Pre-Remedial Investigation Site Investigation Documents	1/14/2003	12		Letter Work Plan for Supplemental Investigations Advanced Data Acquisition Support Facility (ADAS) NASA WFF, Wallops Main Base, NASA, WFF, Wallops Island, Virginia	Letter Report	10	Advanced Data Acquisition Support Facility (ADAS)	Sue Fields	NASA	Mark Leeper Todd M. Richardson	VADEP USEPA
1	0033	01.03.00.0026	01.03	Pre-Remedial Investigation Site Investigation Documents	2/20/2003	7	Final	Letter Work Plan, Potable Water Supply Well Sampling	WP	WFF	General Site-Wide Information		Tetra Tech NUS, Inc. (TtNUS)		NASA
1	0034	01.03.00.0027	01.03	Pre-Remedial Investigation Site Investigation Documents	4/8/2003	151	Final	Letter Report, Potable Water Supply Well Sampling	Letter Report	WFF	General Site-Wide Information		TtNUS		NASA

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1	0035	01.03.00.0028	01.03	Pre-Remedial Investigation Site Investigation Documents	9/1990	206	Final	Summary Report, Scrapyard, PCB Transformer, Photographic Tank, Waste Oil Dump	Report	WFF	General Site-Wide Information		EBASCO Services, Inc.		NASA
1	0036	01.04.00.0001	01.04	Pre-Remedial Investigation Expanded Site Investigation	1/14/2003	100	Final	Letter Work Plan, Background Soil and GW Investigation for the Main Base, NASA, WFF, Wallops Island, Virginia	WP	WFF	General Site-Wide Information	Sue Fields	NASA	Mark Leeper Todd M. Richardson	VADEP USEPA
1	0037	01.04.00.0002	01.04	Pre-Remedial Investigation Expanded Site Investigation	7/10/2003	66		Summary Site Characterization Report for Wallops Island Fueling Station VADEQ Case No. PC# 93-0913 (Site 6, Building X-5 and X-10)	Report	WFF	General Site-Wide Information		TtNUS		NASA
1	0038	02.01.00.0001	02.01	Removal Response Correspondence	2/15/1995	2		Radiation Survey 'Walk-over' of Salvage Yard at Wallops Flight Facility (West Side of Building N-222)	Letter	N-222	Scrapyard	Tad M. Blanchard, Senior Health Physics Technician	National Health Services, Inc.	Terry Potterton, Head, Safety and Health Branch,	NASA
1	0039	02.01.00.0002	02.01	Removal Response Correspondence	6/30/1995	1		Comments on Proposed Project Approach for Radiological Survey, Scrapyard, Wallops Flight Facility	Letter	N-222	Scrapyard	Stacie M. Driscoll	EPA Region III	Ms. Teresa Spagnuolo	NASA
1	0040	02.01.00.0003	02.01	Removal Response Correspondence	1/22/1996	5		Comments on NASA Goddard Space Flight Center Wallops Flight Facility, Scrapyard, Work Plan for Radiological Survey	Letter	N-222	Scrapyard	Stacie M. Driscoll	EPA Region III	Ms. Teresa Spagnuolo	NASA
1	0041	02.01.00.0004	02.01	Removal Response Correspondence	3/15/1996	14		Response to Comments on the Work Plan for Radiological Survey	Letter	N-222	Scrapyard	Teresa Spagnuolo	NASA	Stacie Morekas-Driscoll	EPA, Region III
1	0042	02.01.00.0005	02.01	Removal Response Correspondence	4/1/1996	1		Work Plan for Radiological Survey, Approval of Response to Comments	Letter	N-222	Scrapyard	Stacie M. Driscoll	EPA, Region III	Ms. Teresa Spagnuolo	NASA
1	0043	02.01.00.0006	02.01	Removal Response Correspondence	3/19/2003	2		Notification and Certification Requirements of 40 CFR Part 761.61	Letter	N-222	Scrapyard	Sue Fields	NASA RPM	Donald S. Welsh R.G. Brumley K. Bull	EPA DEQVA Accomack County
1	0044	02.02.00.0001	02.02	Removal Response Reports	6/9/1995	11		Proposed Approach for Radiological Survey for Scrapyard located at Wallops Flight Facility (WFF)	Letter	N-222	Scrapyard	Teresa Spagnuolo	NASA	Stacie Morekas-Driscoll	EPA, Region III
1	0045	02.02.00.0002	02.02	Removal Response Reports	10/10/1997	72	Final	Scrapyard Area Radiological Survey Report	Report	N-222	Scrapyard		Metcalf & Eddy		NASA
1	0046	02.02.00.0003	02.02	Removal Response Reports	10/1/2002	59	Final	Sampling and Analysis Plan and Radiological Field Survey for the N-222 Scrapyard and Area	Report	N-222	Scrapyard		Weiss Associates		NASA
1	0047	02.02.00.0004	02.02	Removal Response Reports	1/1/2003	73	Final	Work Plan For The Removal Action At Site 005 and Site 012 Wallops Flight Facility	Report	5	Paint Stain		Foster Wheeler Environmental Corporation		NASA
1	0048	02.02.00.0005	02.02	Removal Response Reports	1/31/2003	162		Soil Sampling and Radiological Field Survey Data Gaps Report	Report	N-222	Scrapyard		Weiss Associates		NASA
1	0049	02.02.00.0006	02.02	Removal Response Reports	3/14/2003	101		Removal Action Work Plan for The N-222 Scrapyard Area	Report	N-222	Scrapyard		Weiss Associates		NASA
1	0050	02.03.00.0001	02.03	Removal Response CERCLA Removal Site Record	2/2003	7		Action Memorandum for the NASA Goddard Space Flight Center's Non-time-critical Removal Action at the Paint Stain (Site 5) and Former Wind Tunnel (Site 12) Wallops Island, VA	Action Memo	5	Paint Stain	William B. Bott	NASA		
1	0051	03.01.00.0001	03.01	Remedial Investigation Correspondence	10/6/1992	14		Review of the draft Work Plan, Fire Training Area, Remedial Investigation/Feasibility Study for Wallops Flight Facility and the draft Field Operations Plan, Fire Training Area, Remedial Investigation/Feasibility Study for Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Stacie Morekas	USEPA	Mr. Terry M. Potterton	NASA
1	0052	03.01.00.0002	03.01	Remedial Investigation Correspondence	2/5/1997	13		Ecological Risk Assessment, Revisions to Work Plan for Sites 5, 12, 14, and 15	Letter	5	Paint Stain	Mr. William H. Burton	Versar, Inc.	Coastal Resource Coordinator	National Oceanic and Atmospheric Administration
1	0053	03.01.00.0003	03.01	Remedial Investigation Correspondence	1/1/2002	2		VADEQ Comments on the December 2001 RI/FS for Sites '5 / 12, undated	Letter	5	Paint Stain		VADEQ		NASA
1	0054	03.01.00.0004	03.01	Remedial Investigation Correspondence	2/25/2002	6		VADEQ Comments on the March 2001 RI/FS for Site 16	Letter	WOD	Waste Oil Dump		VADEQ		NASA

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1	0055	03.02.00.0001	03.02	Remedial Investigation Sampling and Analysis Data - validated data and chain of custody forms are included in the AR by indicating their location and availability	9/16/1993	586		Data Validation Narratives - Volume I	Report	WFF	General Site-Wide Information	Versar, Inc.	Roy F. Weston, Inc.		NASA
1	0056	03.02.00.0002	03.02	Remedial Investigation Sampling and Analysis Data - validated data and chain of custody forms are included in the AR by indicating their location and availability	5/14/1997	551		Data Validation Narratives - Volume II	Report	WFF	General Site-Wide Information	Versar, Inc.(Metcalf & Eddy	Roy F. Weston, Inc.)		NASA
1	0057	03.04.00.0001	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	3/29/1993	225	Final	Fire Training Area RI/Feasibility Work Plan	WP	FFTA	Former Fire Training Area		Metcalf & Eddy, Inc.		NASA
1	0058	03.04.00.0002	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	10/1993	609	Final	Fire Training Area RI/Feasibility Field Operations Plan	WP	FFTA	Former Fire Training Area		Metcalf & Eddy, Inc.		NASA
1	0059	03.04.00.0003	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	1/16/1995	373	Final	Limited RI/Feasibility Study Work Plan Scrapyard	WP	N-222	Scrapyard		Metcalf & Eddy, Inc.		NASA
1	0060	03.04.00.0004	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	5/2/1997	84		NASA Wallops island RI/FS Work Plan Sites 5, 12, 14, and 15	WP	5	Paint Stain		Versar, Inc.		NASA
1	0061	03.04.00.0005	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	1/2003	800		Work Plan for Supplemental RI Activities at the Former Fire Fighting Training Area and Waste Oil Dump	WP	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
1	0062	03.07.00.0001	03.07	Remedial Investigation (RI) Report	8/28/1995	203		Limited RI Report for the Scrapyard Area	Report	N-222	Scrapyard		Metcalf & Eddy		NASA
1	0063	03.07.00.0002	03.07	Remedial Investigation (RI) Report	2/28/1996	370		Former Fire Training Area RI Final Report	Report	FFTA	Former Fire Training Area		Metcalf & Eddy		NASA
1	0064	03.07.00.0003	03.07	Remedial Investigation (RI) Report	6/14/1999	757		RI/Feasibility Study Sites 14 and 15	Report	14	Debris Pile 14		Versar, Inc.		NASA
1	0065	03.07.00.0004	03.07	Remedial Investigation (RI) Report	12/6/2001	484	Draft	RI/Feasibility Study Sites '5 / 12, Volume I	Report	5	Paint Stain		Versar, Inc.		NASA
1	0066	03.07.00.0005	03.07	Remedial Investigation (RI) Report	12/6/2001	445	Draft	RI/Feasibility Study Sites '5 / 12, Volume II	Report	5	Paint Stain		Versar, Inc.		NASA
1	0067	03.07.00.0006	03.07	Remedial Investigation (RI) Report	3/13/2001	477		RI/Feasibility Study Site 16 Waste Oil Dump	Report	WOD	Waste Oil Dump		Versar, Inc.		NASA
1	0068	03.07.00.0007	03.07	Remedial Investigation (RI) Report	10/6/2003	51	Final	Site Screening Document M-15 Photographic Tank (Photo Tank) Site	Report	M-15	Photographic Tank Site	Tetra Tech NUS, Inc.	Tetra Tech NUS, Inc.		NASA
1	0069	03.09.00.0001	03.09	Remedial Investigation Endangerment/Risk Assessments	12/8/2000	194		Risk Assessment Update Former Fire Fighting Training Area	Report	FFTA	Former Fire Training Area		Versar, Inc.		NASA
1	0070	05.03.00.0001	05.03	Scopes of Work	2/7/2002	4		Preliminary Identification, Commonwealth of Virginia, Applicable, Relevant & Appropriate Requirements (ARARs)	Letter	WFF	General Site-Wide Information		VADEQ		NASA
1	0071	05.07.00.0001	05.07	Records of Decision	2/24/2003	69	Final	Decision Document for Building N-161C PCB Transformer Pad Site NASA Wallops Flight Facility	Report	N-161	#N/A		Tetra Tech NUS, Inc.		NASA
1	0072	02.02.00.0007	02.02	Removal Response Reports	6/1/2003	38	Addendum	Final Work Plan for the OE Removal Action at the N-222 Scrapyard Area WFF 2/03	Report	N-222	Scrapyard		NASA		NASA
1	0073	02.02.00.0008	02.02	Removal Response Reports	6/1/2003	59		Site Health and Safety Plan Addendum for the OE Removal Action at the N-222 Scrapyard Area, June 2003	Report	N-222	Scrapyard		NASA		NASA
1	0074	13.02.00.0001	13.02	Mailing List	3/1/2003	6		Community Involvement Mailing List, Appendix A	List	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
1	0075	13.04.00.0001	13.04	Community Involvement Plan	3/1/2003	47		Community Involvement Plan for NASA Wallops Flight Facility, Wallops Island, Virginia	Plan	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA

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1	0076	13.05.00.0001	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	12/28/2002	2		Public Notice for Sites 5/12 RI, Removal Work Plan, Action Memo, and Removal Action	PN	5	Paint Stain		Gannett Publications		
1	0077	13.06.00.0001	13.06	Fact Sheets	4/1/1991	1		Environmental Fact Sheet, Old Aviation Fuel Tank Farm	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0078	13.06.00.0002	13.06	Fact Sheets	9/1/1991	2		Environmental Insight Fact Sheet, Old Aviation Fuel Tank Farm	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0079	13.06.00.0003	13.06	Fact Sheets	9/1/1992	1		Environmental Insight Fact Sheet, Old Aviation Fuel Tank Farm	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0080	13.06.00.0004	13.06	Fact Sheets	10/1/1993	1		Environmental Insight Fact Sheet, Old Aviation Fuel Tank Farm	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0081	13.06.00.0005	13.06	Fact Sheets	10/1/1994	2		Environmental Insight Fact Sheet, Old Aviation Fuel Tank Farm	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0082	13.06.00.0006	13.06	Fact Sheets	12/1/2002	2		NASA Fact Sheet, NASA's Environmental Restoration Program at Wallops Flight Facility	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0083	13.06.00.0007	13.06	Fact Sheets	6/2002	2		Former Wind Tunnel (Site 12) Contaminated Soil, Fact Sheet	FSH	5	Paint Stain		NASA, Env. Program		
1	0084	16.01.00.0001	16.01	Correspondence	1/14/2003	5		Natural Resource Trustee Notification	Letter	WFF	General Site-Wide Information	Sue Fields	NASA	Robert M. Burr	US DOI
1	0085	16.01.00.0002	16.01	Correspondence	1/14/2003	5		Natural Resource Trustee Notification	Letter	WFF	General Site-Wide Information	Sue Fields	NASA	Russell Bellmar	NOAA
1	0086	16.01.00.0003	16.01	Correspondence	1/14/2003	5		Natural Resource Trustee Notification	Letter	WFF	General Site-Wide Information	Sue Fields	NASA	Honorable W. Taylor Murphy, Jr.	Secretary Natural Resources, Commonwealth of VA
1	0087	19.03.00.0001	19.03	RCRA Facility Assessment (RFA) Reports	11/1/1992	147	Draft	RFA Report	Report	WFF	General Site-Wide Information		Versar, Inc.		
1	0088	21.02.00.0001	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	10/23/2001	3		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Sue Fields	NASA	Project Team	
1	0089	21.02.00.0002	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	1/23/2002	2		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Sue Fields	NASA	Project Team	
1	0090	21.02.00.0003	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	4/30/2002	1		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Sue Fields	NASA	Project Team	
1	0091	21.02.00.0004	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	8/19/2002	1		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Sue Fields	NASA	Project Team	
1	0092	21.02.00.0005	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/4/2002	84		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Sue Fields Donna Sutherland	NASA	Project Team	
1	0093	21.02.00.0006	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/6/2003	23	Final	Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Donna Sutherland	NASA	Project Team	
1	0094	03.04.00.0006	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	8/1/2003	123	Final	Work Plan for the Supplemental RI at WFF Sites 005 and 012	WP	WFF	General Site-Wide Information		Foster Wheeler		NASA

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1	0095	05.07.00.0002	05.07	Records of Decision	8/1/2003	156	Final	Decision Document for Advance Data Acquisition Support Facility (ADAS) Site NASA Wallops Flight Facility	Report	10	Advanced Data Acquisition Support Facility (ADAS)		Tetra Tech NUS, Inc.		NASA
1	0096	21.02.00.0007	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/18/2003	7		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Brenda Harris	Carolyn Turner	Project Team	
1	0097	01.01.00.0005	01.01	Pre-Remedial Investigation Correspondence	6/23/2003	1		VADEQ response on the Draft Background Soil and Groundwater Investigation Report dated May 2003	Letter	MB	Main Base		VADEQ		NASA
1	0098	01.01.00.0006	01.01	Pre-Remedial Investigation Correspondence	6/23/2003	2		VADEQ Comments on the Draft May 2003 Limited Site Investigation Final Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		VADEQ		COE
1	0099	01.01.00.0007	01.01	Pre-Remedial Investigation Correspondence	7/15/2003	3		NASA Comments on the Draft May 2003 Limited Site Investigation Final Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		NASA		COE
1	0100	01.01.00.0008	01.01	Pre-Remedial Investigation Correspondence	7/30/2003	5		EPA 3 Comments on the Draft May 2003 Limited Site Investigation Final Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		EPA		COE
1	0101	01.01.00.0009	01.01	Pre-Remedial Investigation Correspondence	6/23/2003	20		COE Response to Comments on the Draft May 2003 Limited Site Investigation Final Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		COE		NASA
1	0102	01.01.00.0010	01.01	Pre-Remedial Investigation Correspondence	9/5/2003	4		NASA Comments on the July 2003 Final Desktop Audit Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		NASA		COE
1	0103	01.01.00.0011	01.01	Pre-Remedial Investigation Correspondence	10/3/2003	9	RTC	Draft Background Soil and Groundwater Investigation Report dated May 2003	Letter	MB	Main Base		TtNUS		NASA
1	0104	01.01.00.0012	01.01	Pre-Remedial Investigation Correspondence	10/21/2003	9		COE Response to NASA Comments on the July 2003 Final Desktop Audit Report for Wallops Flight Facility	Memo	WFF	General Site-Wide Information		COE		NASA
1	0105	01.01.00.0013	01.01	Pre-Remedial Investigation Correspondence	2/23/2004	8		NASA Response to EPA January 9, 2004 Comments on the Draft Background Soil and Groundwater Investigation Report dated May 2003	Letter	MB	Main Base		NASA		EPA
1	0106	01.01.00.0014	01.01	Pre-Remedial Investigation Correspondence	3/10/2004	2	RTC	NASA Response to EPA Comments 5 and 6 on the Draft Background Soil and Groundwater Investigation Report	Letter	MB	Main Base		NASA		EPA
1	0107	01.01.00.0015	01.01	Pre-Remedial Investigation Correspondence	3/16/2004	1	Approval	Email - M. Price-Fay (EPA) to C. Turner (NASA) approval of the Final Background Soil and Groundwater Investigation Report	Letter	MB	Main Base		EPA		NASA
1	0108	01.01.00.0016	01.01	Pre-Remedial Investigation Correspondence	5/27/2004	2		EPA Comments on the Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Site dated April 2004	Letter	M-15	Photographic Tank Site		EPA		NASA
1	0109	01.01.00.0017	01.01	Pre-Remedial Investigation Correspondence	7/13/2004	1		VADEQ Letter on the May 2004 Final Background Soil and Groundwater Investigation Report for Main Base	Letter	MB	Main Base	Paul Herman	VADEQ		NASA
1	0110	01.01.00.0018	01.01	Pre-Remedial Investigation Correspondence	7/29/2004	3		VADEQ Comments on the Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Site dated April 2004	Letter	M-15	Photographic Tank Site		VADEQ		NASA
1	0111	01.01.00.0019	01.01	Pre-Remedial Investigation Correspondence	7/29/2004	2		VADEQ Comments on the draft Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Site dated April 2004	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Sue Fields	NASA
1	0112	01.01.00.0020	01.01	Pre-Remedial Investigation Correspondence	9/22/2004	8		NASA Response to Comments from EPA and VADEQ on the draft Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Site dated April 2004	Letter	M-15	Photographic Tank Site	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0113	01.01.00.0021	01.01	Pre-Remedial Investigation Correspondence	9/23/2004	15		NASA Response to Comments from EPA on the Draft Work Plan for Supplemental Site Investigation as Building E-52, Site 2	Report	2	Maintenance Facility, Building E-52		NASA	Project Team	
1	0114	01.01.00.0022	01.01	Pre-Remedial Investigation Correspondence	10/6/2004	1		VADEQ Comments on NASA Response to Comments on the Draft Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Comments VADEQ submitted dated July 29, 2004	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Sue Fields	NASA
1	0115	01.01.00.0023	01.01	Pre-Remedial Investigation Correspondence	10/25/2004	2		EPA Response to Comments for the Work Plan Supplemental Site Investigation Building E-52, Site 2	Letter	2	Maintenance Facility, Building E-52	Michelle Price-Fay	EPA	Sue Fields	NASA

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1	0116	01.01.00.0024	01.01	Pre-Remedial Investigation Correspondence	11/3/2004	2		EPA Response to Comments for the Draft Site Screening Development for the M-15 Photographic Tank Site dated September 22, 2004.	Letter	M-15	Photographic Tank Site	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0117	01.01.00.0025	01.01	Pre-Remedial Investigation Correspondence	11/10/2004	3		NASA Response to VADEQ Comments, dated October 6, 2004, on the Draft Summary and Focused Ecological Risk Evaluation Report for Site M-15 Photographic Tanks	Letter	M-15	Photographic Tank Site		NASA	Project Team	
1	0118	01.02.00.0004	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	12/23/2003	288	Final	Desktop Audit Summary Report for the Site Screening Process	Report	WFF	General Site-Wide Information	MicroPact	COE		NASA
1	0119	01.03.00.0029	01.03	Pre-Remedial Investigation Site Investigation Documents	4/20/1999	18		Limited Site Characterization Report	Report	WFF	General Site-Wide Information		COE		NASA
1	0120	01.03.00.0030	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/2003	286		Limited Site Investigation at Wallops Flight Facility	Report	WFF	General Site-Wide Information	SAIC	COE		NASA
1	0121	01.03.00.0031	01.03	Pre-Remedial Investigation Site Investigation Documents	10/3/2003	51	Final	Site Screening Document for M-15 Photographic Tank (Photo Tank) Site	Report	M-15	Photographic Tank Site		TtNUS		NASA
1	0122	01.03.00.0032	01.03	Pre-Remedial Investigation Site Investigation Documents	11/9/2004	93		Work Plan for Supplemental Site Investigation Building E-52, Site 2	Report	2	Maintenance Facility, Building E-52		TtNUS		NASA
1	0123	01.04.00.0003	01.04	Pre-Remedial Investigation Expanded Site Investigation	5/17/2004	993	Final	Background Soil and Groundwater Investigation Report for the Main Base	Report	MB	Main Base		TtNUS		NASA
1	0124	02.01.00.0007	02.01	Removal Response Correspondence	6/17/2003	3		EPA Comments on the Draft Removal Action Completion Report for Site 005 and Site 012 dated May 2003	Letter	5	Paint Stain	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0125	02.01.00.0008	02.01	Removal Response Correspondence	7/2/2004	2		EPA Comments on the Final Removal Action Completion Report for the N-222 Scrapyard Area dated June 4, 2004	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0126	02.01.00.0009	02.01	Removal Response Correspondence	10/15/2004	1		VADEQ Comments on the Final Removal Action Completion Report for the N-222 Scrapyard Area dated June 4, 2004	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Susan Fields	NASA
1	0127	02.02.00.0009	02.02	Removal Response Reports	7/1/2003	623		Removal Action Completion Report for Site 005 and Site 012	Report	5	Paint Stain		Foster Wheeler		NASA
1	0128	02.02.00.0010	02.02	Removal Response Reports	10/1/2003	25		Ordnance Investigation Completion Report for the N-222 Scrapyard Area	Report	N-222	Scrapyard		Foster Wheeler		NASA
1	0129	02.02.00.0011	02.02	Removal Response Reports	4/4/2003	154		Work Plan For The Removal Action At N-222 Scrapyard Area	Report	N-222	Scrapyard		Foster Wheeler		NASA
1	0130	02.02.00.0012	02.02	Removal Response Reports	6/1/2004	633	Final	Removal Action Completion Report for the N-222 Scrapyard Area	Report	N-222	Scrapyard		Foster Wheeler		NASA
1	0131	03.01.00.0005	03.01	Remedial Investigation Correspondence	11/25/2003	2		VADEQ Comments on the Draft Supplemental Remedial Investigation for the Waste Oil Dump submitted October 2003	Letter	WOD	Waste Oil Dump		VADEQ		NASA
1	0132	03.01.00.0006	03.01	Remedial Investigation Correspondence	12/2/2003	1		VADEQ Comments on the Draft Supplemental Remedial Investigation for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area		VADEQ		NASA
1	0133	03.01.00.0007	03.01	Remedial Investigation Correspondence	1/16/2004	2		EPA Comments on the Draft Supplemental Remedial Investigation for the Waste Oil Dump submitted October 2003	Letter	WOD	Waste Oil Dump		EPA		NASA
1	0134	03.01.00.0008	03.01	Remedial Investigation Correspondence	1/22/2004	2		EPA Comments on the Draft Supplemental Remedial Investigation for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area		EPA		NASA
1	0135	03.01.00.0009	03.01	Remedial Investigation Correspondence	2/24/2004	11		NASA Response to VADEQ December 2, 2003 Comments and EPA January 22, 2004 Comments on the October 2003 Draft Supplemental Remedial Investigation for the Former Fire Training Area Telephone Conversation Reporting Form of USFWS Comments on the WOD and FFTA RIs	Memo	FFTA	Former Fire Training Area		NASA	Project Team	
1	0136	03.01.00.0010	03.01	Remedial Investigation Correspondence	2/24/2004	12		NASA Response to VADEQ November 25, 2003 Comments and EPA January 16, 2004 Comments on the Draft Supplemental Remedial Investigation for the Waste Oil Dump submitted October 2003	Letter	WOD	Waste Oil Dump		NASA	Project Team	
1	0137	03.01.00.0011	03.01	Remedial Investigation Correspondence	3/22/2004	2		EPA Response to Draft Supplemental Remedial Investigation Report for the Former Fire Training Area and Waste Oil Dump	Letter	FFTA	Former Fire Training Area		NASA		TtNUS
1	0138	03.01.00.0012	03.01	Remedial Investigation Correspondence	3/29/2004	1		EPA Review of Response to Comments on the October 2003 Supplemental Remedial Investigation for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area		EPA		NASA

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1	0139	03.01.00.0013	03.01	Remedial Investigation Correspondence	4/8/2004	1		VADEQ Review of Response to Comments on the October 2003 Supplemental Remedial Investigation for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area		NASA		
1	0140	03.01.00.0014	03.01	Remedial Investigation Correspondence	6/8/2004	2		Replacement of Chapter 7 in the Final Supplemental Remedial Investigation for the Former Fire Training Area submitted May 20, 2004	Letter	FFTA	Former Fire Training Area		TtNUS		NASA
1	0141	03.01.00.0015	03.01	Remedial Investigation Correspondence	6/14/2004	1		VADEQ Comments on the Draft-Final Supplemental Remedial Investigation for the Former Fire Training Area dated June 2004 and the Response to Comments dated February 2004	Letter	FFTA	Former Fire Training Area		VADEQ		NASA
1	0142	03.01.00.0016	03.01	Remedial Investigation Correspondence	7/16/2004	2		Email - P. Herman (VADEQ) to C. Turner (NASA) approval of the Draft-Final Supplemental Remedial Investigation for the Former Fire Training Area dated June 2004	Letter	FFTA	Former Fire Training Area		VADEQ		NASA
1	0143	03.01.00.0017	03.01	Remedial Investigation Correspondence	9/14/2004	1		VADEQ Comments on the Draft Groundwater Characterization Work Plan for N-222 Scrapyard Area dated July 2004.	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Susan Fields	NASA
1	0144	03.01.00.0018	03.01	Remedial Investigation Correspondence	9/14/2004	1		EPA Comments on the Draft Groundwater Characterization Work Plan for N-222 Scrapyard Area dated July 2004.	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0145	03.01.00.0019	03.01	Remedial Investigation Correspondence	10/5/2004	2		email: Wallops WOD Site, VADEQ Comments on the WOD Supplemental RI	Letter	WOD	Waste Oil Dump		VADEQ	Project Team	
1	0146	03.01.00.0020	03.01	Remedial Investigation Correspondence	10/7/2004	3		NASA Response to EPA and VADEQ Comments on the Draft Groundwater Characterization Work Plan for N-222 Scrapyard Area dated July 2004.	Letter	N-222	Scrapyard	Sue Fields	NASA	Project Team	
1	0147	03.01.00.0021	03.01	Remedial Investigation Correspondence	10/8/2004	2		email: Wallops WOD Site, Depth to Groundwater	Letter	WOD	Waste Oil Dump	Garth Glenn	TtNUS	Project Team	
1	0148	03.01.00.0022	03.01	Remedial Investigation Correspondence	10/8/2004	3		email: VADEQ Response to NASA Response to Comments on the Draft Groundwater Characterization Work Plan for N-222 Scrapyard Area dated July 2004.	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Project Team	
1	0149	03.01.00.0023	03.01	Remedial Investigation Correspondence	10/7/2004	1		email: EPA Response to NASA Response to Comments on the Draft Groundwater Characterization Work Plan for N-222 Scrapyard Area dated July 2004.	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Project Team	
1	0150	03.07.00.0008	03.07	Remedial Investigation (RI) Report	1/1/2003	53	Final	Wetlands Delineation Report for Site 005 and 012	Report	5	Paint Stain	Foster Wheeler	Foster Wheeler		NASA
1	0151	03.07.00.0009	03.07	Remedial Investigation (RI) Report	5/17/2004	1	Final	Supplemental Remedial Investigation Report	Letter	FFTA	Former Fire Training Area		NASA		EPA. VADEQ
1	0152	03.07.00.0010	03.07	Remedial Investigation (RI) Report	7/21/2004	6297		Revised Final Supplemental Remedial Investigation of the Former Fire Training Area	Report	FFTA	Former Fire Training Area		TtNUS		NASA
1	0153	04.01.00.0001	04.01	Feasibility Study (FS) Correspondence	3/1/2004	50		Initial Development and Screening of Alternatives for the Former Fire Training Area Site and Waste Oil Dump	Report	FFTA	Former Fire Training Area		TtNUS		NASA
1	0154	04.01.00.0002	04.01	Feasibility Study (FS) Correspondence	3/15/2004	1		VADEQ Draft Comments on the Initial Development and Screening of Alternatives for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area		VADEQ		NASA
1	0155	04.01.00.0003	04.01	Feasibility Study (FS) Correspondence	3/15/2004	2		VADEQ Comments on the Initial Development and Screening of Alternatives for the Waste Oil Dump Site	Report	WOD	Waste Oil Dump		VADEQ		NASA
1	0156	04.01.00.0004	04.01	Feasibility Study (FS) Correspondence	3/29/2004	1		EPA Response to NASA Response to Comments on the Initial Development and Screening of Alternatives for the Waste Oil Dump Site	Report	WOD	Waste Oil Dump		EPA		NASA
1	0157	04.01.00.0005	04.01	Feasibility Study (FS) Correspondence	4/28/2004	1		EPA Draft Comments on the Initial Development and Screening of Alternative for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area		EPA		NASA
1	0158	04.01.00.0006	04.01	Feasibility Study (FS) Correspondence	4/28/2004	1		EPA Comments on the Initial Development and Screening of Alternatives for the Waste Oil Dump Site	Report	WOD	Waste Oil Dump		EPA		NASA
1	0159	04.01.00.0007	04.01	Feasibility Study (FS) Correspondence	9/20/2004	2		NASA Preliminary Remediation Goals for Former Fire Training Area Site	Letter	FFTA	Former Fire Training Area		NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0160	04.01.00.0008	04.01	Feasibility Study (FS) Correspondence	9/20/2004	5		NASA Preliminary Remediation Goals for Waste Oil Dump Site; approach to resolve comments on the development of PRGs for the WOD Site.	Letter	WOD	Waste Oil Dump		NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0161	04.01.00.0009	04.01	Feasibility Study (FS) Correspondence	9/28/2004	3		email: NASA WFF Waste Oil Dump, letter to propose approach to be taken to resolve comments on the development of PRGs for the WOD Site	Letter	WOD	Waste Oil Dump	Sue Fields	NASA	Project Team	
1	0162	04.01.00.0010	04.01	Feasibility Study (FS) Correspondence	9/28/2004	5		email: NASA WFF Waste Oil Dump, VADEQ comments concerning the proposed sampling plan and PRGs.	Letter	WOD	Waste Oil Dump		VADEQ	Project Team	

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1	0163	04.01.00.0011	04.01	Feasibility Study (FS) Correspondence	10/8/2004	7		email: Wallops WOD Site, VADEQ comments on screening alternatives	Letter	WOD	Waste Oil Dump		VADEQ	Project Team	
1	0164	04.02.00.0001	04.02	FS Sampling and Analysis Data -- if applicable	11/2/2004	35		Letter Report: Waste Oil Dump Groundwater Sampling Results	Report	WOD	Waste Oil Dump		NASA		EPA, VADEQ
1	0165	04.05.00.0001	04.05	FS ARARs - Initial Screening	7/20/2004	5		Updated Virginia ARARs Summary		WFF	General Site-Wide Information				
1	0166	05.01.00.0001	05.01	Correspondence	7/19/2004	2		EPA Comments on the Draft Consensus Document for Site-6 Former Island Fueling Station, Site-8 Former Main Base Fueling System, and Old Aviation Fuel Tank Farm submitted February 2004	Letter	6	Former Island Fueling System		EPA		NASA
1	0167	05.01.00.0002	05.01	Correspondence	7/19/2004	2		EPA Comments on the Draft Consensus Document for Sites 1, 3, 9, 13, 15, and Construction Debris Landfill submitted February 2004	Letter	6	Former Island Fueling System		EPA		NASA
1	0168	05.01.00.0003	05.01	Correspondence	8/12/2004	1		FW: NASA WFF Response to EPA Comments for the Draft Consensus Documents for the Virginia DEQ Petroleum Sites	Memo	6	Former Island Fueling System	Carolyn Turner	NASA	Garth Glenn Sue Fields	TtNUS NASA
1	0169	05.01.00.0004	05.01	Correspondence	8/12/2004	1		FW: NASA WFF Response to EPA Comments for the Draft Consensus Documents for FUD Sites 1, 3, 9, 13, 14, and 15 and Construction Debris Landfill	Memo	WFF	General Site-Wide Information	Carolyn Turner	NASA	Garth Glenn Sue Fields	TtNUS NASA
1	0170	05.01.00.0005	05.01	Correspondence	8/16/2004	2		FW: NASA WFF Response to EPA Comments for the Draft Consensus Documents for FUD Sites 1, 3, 9, 13, 14, and 15 and Construction Debris Landfill	Memo	WFF	General Site-Wide Information	Carolyn Turner	NASA	Garth Glenn Sue Fields	TtNUS NASA
1	0171	05.01.00.0006	05.01	Correspondence	8/16/2004	5	Final	Consensus Documents and Response to Comments on the Formerly Used Defense Sites (FUDS) and Petroleum Sites	Report	WFF	General Site-Wide Information		Tt NUS		NASA
1	0172	05.06.00.0001	05.06	ARARs	7/19/2004	5		Updated Virginia ARARs Summary		WFF	General Site-Wide Information				
1	0173	05.07.00.0003	05.07	Records of Decision	9/1/2004	8		Consensus Document; Sites 1, 3, 9, 13, 14, and 15, and Construction Debris Landfill and Industrial/Sanitary Landfill Sites	Report	WFF	General Site-Wide Information	Sue Fields		Paul Herman Michelle Price-Fay	VADEQ EPA
1	0174	05.07.00.0004	05.07	Records of Decision	9/1/2004	42		Consensus Document; Site 6 - Former Island Fueling Station, Site 8 - Former Main Base Fueling System, and Old Aviation Fuel Tank Farm	Report	6	Former Island Fueling System	Sue Fields		Paul Herman Michelle Price-Fay	VADEQ EPA
1	0175	10.06.00.0001	10.06	EPA Administrative Order	9/27/2004	57		Administrative Agreement On Consent, National Aeronautics and Space Administration, U.S. EPA Docket No. RCRA-03-2004-0201TH	Report	WFF	General Site-Wide Information	James Burke	EPA	Edward Weiler	NASA
1	0176	13.05.00.0002	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	10/6/2004	1	PN	Public Notice dated October 8, 2004	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0177	13.05.00.0003	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	10/7/2004	1	PN	Public Notice dated October 8, 2004	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0178	13.06.00.0008	13.06	Fact Sheets	3/1/2004	2		Environmental Fact Sheet, Main Base	FSH	MB	Main Base		NASA, Public Affairs		
1	0179	13.06.00.0009	13.06	Fact Sheets	10/12/2004	2		Inside Wallops; Volume XX-04; Number 35	FSH	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0180	13.06.00.0010	13.06	Fact Sheets	Undated	2		EPA Fact Sheet, WFF	FSH	WFF	General Site-Wide Information		EPA	Public	
1	0181	19.01.00.0001	19.01	Correspondence	9/30/2004	5		Public Notice: Notice of Intent to Issue an Administrative Agreement on Consent Under Section 7003 of the RCRA and the Hazardous Waste and Solid Waste Amendments of 1984	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Sherri Potts	Chincoteague Beacon, Eastern Shore News
1	0182	20.01.00.0001	20.01	Other Regulatory Correspondence	8/6/2004	1		NASA WFF Transformer Pad X-115A Analytical Results	Memo	X-115A		Sue Fields	NASA	Project Team	
1	0183	20.01.00.0002	20.01	Other Regulatory Correspondence	8/13/2004	1		NASA WFF Former Transformer Pad X-115A on Wallops Island	Memo	X-115A		Sue Fields	NASA	Project Team	

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1	0184	20.01.00.0003	20.01	Other Regulatory Correspondence	9/29/2004	2		Submittal of the Draft Decision Document and TSCA Compliance Report for Sites 7 and 11	Report	7/11		Sue Fields	NASA	Paul Herman	VADEQ
1	0185	20.01.00.0004	20.01	Other Regulatory Correspondence	9/29/2004	515		Toxic Substance Control Act Compliance Report for Sites 7 and 11, Volumes 1 and 2	Report	7/11			Tetra Tech		NASA
1	0186			No Entry				No Entry							
1	0187	21.02.00.0008	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/25/2003	22		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0188	21.02.00.0009	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	2/18/2004	176		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0189	01.01.00.0026	01.01	Pre-Remedial Investigation Correspondence	11/16/2004	1	Final	Work Plan - Supplemental Site Investigation at Building E-52, Site 2 Submittal Letter	Letter	2	Maintenance Facility, Building E-52	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0190	01.01.00.0027	01.01	Pre-Remedial Investigation Correspondence	12/2/2004	2		NASA Response to VADEQ feedback on the M-15 Photo Tank Surface Water Sampling	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Project Team	
1	0191	01.03.00.0033	01.03	Pre-Remedial Investigation Site Investigation Documents	3/1/2004	67		Arial Photographic Analysis of NASA Wallops Flight Facility Site	Report	WFF	General Site-Wide Information		EPA		
1	0192	03.04.00.0007	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	11/19/2004	137	Final	Final Work Plan - Groundwater Characterization at N-222 Scrapyard Area	Report	N-222	Scrapyard		Weiss Associates		NASA
1	0193	04.01.00.0012	04.01	Feasibility Study (FS) Correspondence	11/23/2004	1		email: VADEQ Response to NASA Letter dated September 20, 2004 on PRGs for FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Project Team	
1	0194	05.01.00.0007	05.01	Correspondence	11/12/2004	2		VADEQ Comments on the Final Decision Document for Sites 7 and 11 dated July 2004.	Letter	7	Transformer Pads	Paul Herman	VADEQ	Sue Fields	NASA
1	0195	05.01.00.0008	05.01	Correspondence	11/15/2004	1		EPA Comments on the Toxic Substance Control Act Compliance Report for Sites 7 and 11 dated September 2004 and the Final Decision Document for Sites 7 and 11 dated September 2004.	Letter	7	Transformer Pads	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0196	05.01.00.0009	05.01	Correspondence	11/30/2004	4		NASA Response to EPA and VADEQ Comments on the Decision Documents for Sites 7 and 11.	Letter	7	Transformer Pads	Carolyn Turner	NASA	Project Team	
1	0197	05.01.00.0010	05.01	Correspondence	11/30/2004	1		EPA Response to NASA Response to Comments on the Decision Documents for Sites 7 and 11.	Letter	7	Transformer Pads	Michelle Price-Fay	EPA	Project Team	
1	0198	10.01.00.0001	10.01	Correspondence	11/3/2004	2		Proposed RCRA Administrative Agreement on Consent (AAOC) Public Comment	Letter	WFF	General Site-Wide Information	Karen Jackson Sismour	VADEQ	James Burke	EPA
1	0199	21.02.00.0010	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	7/15/2004	32		Remedial Project Managers Meeting Summary	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0200	01.01.00.0028	01.01	Pre-Remedial Investigation Correspondence	12/17/2004	2	Final	Summary/Focused Ecological Risk Evaluation Report Supplemental M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site		TtNUS	Sue Fields	NASA
1	0201	01.01.00.0029	01.01	Pre-Remedial Investigation Correspondence	12/30/2004	2		VADEQ Response on the Final Summary/Focused Ecological Risk Evaluation Report Supplemental M-15 Photographic Tank Site December 2004	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Sue Fields	NASA
1	0202	01.01.00.0030	01.01	Pre-Remedial Investigation Correspondence	12/30/2004	2		EPA Response Final Summary/Focused Ecological Risk Evaluation Report M-15 Photographic Tank Site December 2004	Letter	M-15	Photographic Tank Site	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0203	01.04.00.0004	01.04	Pre-Remedial Investigation Expanded Site Investigation	12/29/2004	332	Final	Summary and Focused Ecological Risk Evaluation Report Supplemental M-15 Photographic Tank Site	Report	M-15	Photographic Tank Site	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0204	03.07.00.0011	03.07	Remedial Investigation (RI) Report	12/29/2004	6243	Final	Supplemental Remedial Investigation Report for Waste Oil Dump	Report	WOD	Waste Oil Dump	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0205	03.01.00.0024	03.01	Remedial Investigation Correspondence	12/20/2004	3		Ltr - Final Supplemental Remedial Investigation Report Waste Oil Dump (WOD)	Letter	WOD	Waste Oil Dump		TtNUS	Susan Fields	NASA
1	0206	05.01.00.0011	05.01	Correspondence	12/21/2004	1		VADEQ Response to NASA Response to Comments on the Decision Documents for Sites 7 and 11.	Letter	7	Transformer Pads	Paul Herman	VADEQ	Project Team	
1	0207	10.01.00.0002	10.01	Correspondence	12/10/2004	18		Administrative Agreement on Consent between EPA and NASA effective December 8, 2004	Letter	WFF	General Site-Wide Information	Sue Fields	NASA	Michelle Price-Fay	EPA

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1	0208	10.01.00.0003	10.01	Correspondence	12/29/2004	2		NASA WFF Field schedule for Site 2, Building E-52 and N-222 Scrapyard Site, January 2005	Letter	2	Maintenance Facility, Building E-52	Carolyn Turner	NASA	Project Team	
1	0209	01.01.00.0031	01.01	Pre-Remedial Investigation Correspondence	5/25/2004	1	Approval	EPA Approval of Background Soil and Groundwater Investigation for the Main Base	Letter	MB	Main Base	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0210	01.01.00.0032	01.01	Pre-Remedial Investigation Correspondence	12/30/2004	1		VADEQ Approval of the Final Summary and Focused Ecological Risk Evaluation Report for M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Sue Fields	NASA
1	0211	01.01.00.0033	01.01	Pre-Remedial Investigation Correspondence	2/9/2005	1		EPA Approval of the Final Work Plan for the Supplemental Site Investigation at Building E-52	Letter	2	Maintenance Facility, Building E-52	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0212	01.01.00.0034	01.01	Pre-Remedial Investigation Correspondence	3/4/2005	1		VADEQ Approval of the Final Work Plan for the Supplemental Site Investigation at Building E-52	Letter	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Sue Fields	NASA
1	0213	01.01.00.0035	01.01	Pre-Remedial Investigation Correspondence	4/27/2005	1		VADEQ Response to the Interim Data Report for the Supplemental Site Investigation at Building E-52	Letter	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Sue Fields	NASA
1	0214	01.01.00.0036	01.01	Pre-Remedial Investigation Correspondence	5/10/2005	1		EPA Response to the Interim Data Report for the Supplemental Site Investigation at Building E-52	Letter	2	Maintenance Facility, Building E-52	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0215	01.01.00.0037	01.01	Pre-Remedial Investigation Correspondence	5/11/2005	2		email - confirmation of discussion/agreement regarding additional sampling at Building E-52	Memo	2	Maintenance Facility, Building E-52	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0216	01.01.00.0038	01.01	Pre-Remedial Investigation Correspondence	5/11/2005	2		email - NASA response to EPA comments on the Interim Data Report for the Supplemental Site Investigation at Building E-52	Memo	2	Maintenance Facility, Building E-52	Carolyn Turner	NASA	Michelle Price-Fay	EPA
1	0217	01.01.00.0039	01.01	Pre-Remedial Investigation Correspondence	5/11/2005	2		VADEQ Comments on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Sue Fields	NASA
1	0218	01.01.00.0040	01.01	Pre-Remedial Investigation Correspondence	5/13/2005	2		email - VADEQ concurrence of the correspondence dated 05/11/05 on the confirmation of discussion/agreement regarding additional sampling at Building E-52	Memo	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0219	01.01.00.0041	01.01	Pre-Remedial Investigation Correspondence	6/9/2005	2		EPA Comments on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0220	01.01.00.0042	01.01	Pre-Remedial Investigation Correspondence	7/7/2005	8		NASA Response to Comment on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0221	01.01.00.0043	01.01	Pre-Remedial Investigation Correspondence	7/8/2005	9		email - NASA Response to Comment on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Memo	M-15	Photographic Tank Site	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0222	01.01.00.0044	01.01	Pre-Remedial Investigation Correspondence	7/8/2005	2		email - VADEQ Response to NASA's RTC on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Memo	M-15	Photographic Tank Site	Paul Herman	VADEQ	Project Team	
1	0223	01.01.00.0045	01.01	Pre-Remedial Investigation Correspondence	7/11/2005	2		email -NASA Response to VADEQ Response to NASA's RTC on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Memo	M-15	Photographic Tank Site	Carolyn Turner	NASA	Project Team	
1	0224	01.01.00.0046	01.01	Pre-Remedial Investigation Correspondence	7/11/2005	3		email -VADEQ Final Response to NASA's RTCs on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Memo	M-15	Photographic Tank Site	Paul Herman	VADEQ	Project Team	
1	0225	01.01.00.0047	01.01	Pre-Remedial Investigation Correspondence	8/3/2005	1		EPA Concurrence on RTCs on the Draft Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Michelle Price-Fay	EPA	Project Team	
1	0226	01.01.00.0048	01.01	Pre-Remedial Investigation Correspondence	9/2/2005	1		email - VADEQ Comments on the Final Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Memo	M-15	Photographic Tank Site	Paul Herman	VADEQ	Project Team	
1	0227	01.01.00.0049	01.01	Pre-Remedial Investigation Correspondence	9/26/2005	1		EPA Acceptance of the Final Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0228	01.01.00.0050	01.01	Pre-Remedial Investigation Correspondence	10/18/2005	1		VADEQ Acceptance of the Final Ecological Risk Evaluation Letter Work Plan for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0229	01.01.00.0051	01.01	Pre-Remedial Investigation Correspondence	11/10/2005	1	Draft	Supplemental Site Investigation Report for Building E-52	Letter	2	Maintenance Facility, Building E-52	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA

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1	0230	01.03.00.0034	01.03	Pre-Remedial Investigation Site Investigation Documents	4/20/2005	16		Interim Data Report for the Supplemental Site Investigation at Building E-52	Report	2	Maintenance Facility, Building E-52	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0231	01.04.00.0005	01.04	Pre-Remedial Investigation Expanded Site Investigation	8/31/2005	231	Final	Ecological Risk Evaluation Letter Work Plan for the M-15 Photographic Tank	Report	M-15	Photographic Tank Site	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0232	03.01.00.0025	03.01	Remedial Investigation Correspondence	2/9/2005	1		EPA Acceptance of the Final Groundwater Characterization Work Plan for the N-222, Scrapyard Area	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0233	03.01.00.0026	03.01	Remedial Investigation Correspondence	3/4/2005	1		VADEQ Acceptance of the Final Supplemental Remedial Investigation for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Susan Fields	NASA
1	0234	03.01.00.0027	03.01	Remedial Investigation Correspondence	3/4/2005	1		VADEQ Acceptance of the Final Groundwater Characterization Work Plan for the N-222, Scrapyard Area	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Susan Fields	NASA
1	0235	03.01.00.0028	03.01	Remedial Investigation Correspondence	4/26/2005	4		VADEQ Comments on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Letter	5	Paint Stain	Paul Herman	VADEQ	Susan Fields	NASA
1	0236	03.01.00.0029	03.01	Remedial Investigation Correspondence	6/9/2005	1		EPA Comments on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Letter	5	Paint Stain	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0237	03.01.00.0030	03.01	Remedial Investigation Correspondence	6/16/2005	1		EPA Acceptance of the Supplemental Remedial Investigation Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0238	03.01.00.0031	03.01	Remedial Investigation Correspondence	7/7/2005	5		NASA Response to Comments on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Letter	5	Paint Stain	Susan Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0239	03.01.00.0032	03.01	Remedial Investigation Correspondence	7/8/2005	6		email - NASA Response to Comments on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Memo	5	Paint Stain	Carolyn Turner	NASA	Project Team	
1	0240	03.01.00.0033	03.01	Remedial Investigation Correspondence	7/12/2005	1		email - EPA Response to NASA RTC on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Memo	5	Paint Stain	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0241	03.01.00.0034	03.01	Remedial Investigation Correspondence	7/13/2005	1		email - VADEQ Response to NASA RTC on the Draft Data Gap Investigation Work Plan for Sites 005 and 012	Memo	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0242	03.01.00.0035	03.01	Remedial Investigation Correspondence	9/2/2005	1		email - VADEQ Acceptance of the Final Polychlorinated Biphenyls Data Gap Investigation Work Plan for Sites 005 and 012	Memo	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0243	03.01.00.0036	03.01	Remedial Investigation Correspondence	9/12/2005	2	Draft	Groundwater Characterization Report N-222 Scrapyard Area	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0244	03.01.00.0037	03.01	Remedial Investigation Correspondence	10/3/2005	1		EPA Comments on the Draft Groundwater Characterization Report N-222 Scrapyard Area	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0245	03.01.00.0038	03.01	Remedial Investigation Correspondence	10/5/2005	1		EPA Acceptance of the Final Polychlorinated Biphenyls Data Gap Investigation Work Plan for Sites 005 and 012	Letter	5	Paint Stain	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0246	03.01.00.0039	03.01	Remedial Investigation Correspondence	10/26/2005	1		VADEQ Comments on the Draft Groundwater Characterization Report N-222 Scrapyard Area	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0247	03.01.00.0040	03.01	Remedial Investigation Correspondence	11/3/2005	5		NASA Response to Comments on the Draft Groundwater Characterization Report N-222 Scrapyard Area	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Project Team	
1	0248	03.01.00.0041	03.01	Remedial Investigation Correspondence	11/8/2005	1		EPA Response to NASA RTCs on the Draft Groundwater Characterization Report N-222 Scrapyard Area	Memo	N-222	Scrapyard	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0249	03.01.00.0042	03.01	Remedial Investigation Correspondence	11/14/2005	2		NASA Response to VADEQ Response to NASA RTCs on the Draft Groundwater Characterization Report N-222 Scrapyard Area	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0250	03.04.00.0008	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	8/11/2005	93	Final	Polychlorinated Biphenyls Data Gap Investigation Work Plan for Sites 005 and 012	Report	5	Paint Stain	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0251	04.01.00.0013	04.01	Feasibility Study (FS) Correspondence	3/1/2005	1	Draft	Feasibility Study Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0252	04.01.00.0014	04.01	Feasibility Study (FS) Correspondence	4/26/2005	1	Draft	Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0253	04.01.00.0015	04.01	Feasibility Study (FS) Correspondence	5/31/2005	2		VADEQ Comments on the Draft Feasibility Study Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Sue Fields	NASA
1	0254	04.01.00.0016	04.01	Feasibility Study (FS) Correspondence	6/6/2005	2		EPA Comments on the Draft Feasibility Study Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Michelle Price-Fay	EPA	Sue Fields	NASA
1	0255	04.01.00.0017	04.01	Feasibility Study (FS) Correspondence	6/16/2005	2		EPA Comments on the Draft Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Michelle Price-Fay	EPA	Sue Fields	NASA

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1	0256	04.01.00.0018	04.01	Feasibility Study (FS) Correspondence	6/30/2005	12		VADEQ Comments on the Draft Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0257	04.01.00.0019	04.01	Feasibility Study (FS) Correspondence	7/20/2005	12		NASA Response to Comments on the Draft Feasibility Study Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Sue Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0258	04.01.00.0020	04.01	Feasibility Study (FS) Correspondence	7/22/2005	1		email - NASA requesting clarification on EPA Comments for the Draft Feasibility Study for the Waste Oil Dump	Memo	WOD	Waste Oil Dump	Carolyn Turner	NASA	Michelle Price-Fay	EPA
1	0259	04.01.00.0021	04.01	Feasibility Study (FS) Correspondence	8/2/2005	11		email - VADEQ Comments to NASA RTC on the Draft Feasibility Study Report for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Project Team	
1	0260	04.01.00.0022	04.01	Feasibility Study (FS) Correspondence	8/3/2005	1		email - EPA Comments to NASA RTC on the Draft Feasibility Study Report for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0261	04.01.00.0023	04.01	Feasibility Study (FS) Correspondence	8/11/2005	11		NASA Response to Comments on the Draft Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0262	04.01.00.0024	04.01	Feasibility Study (FS) Correspondence	8/12/2005	1		email - EPA Response to NASA RTC on the Draft Feasibility Study Report for the Waste Oil Dump	Memo	WOD	Waste Oil Dump	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0263	04.01.00.0025	04.01	Feasibility Study (FS) Correspondence	9/2/2005	1		email - VADEQ Acceptance of the Final Feasibility Study Report for the Former Fire Training Area	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0264	04.01.00.0026	04.01	Feasibility Study (FS) Correspondence	9/2/2005	1		email - VADEQ Response to NASA RTC on the Draft Feasibility Study for the Waste Oil Dump	Memo	WOD	Waste Oil Dump	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0265	04.01.00.0027	04.01	Feasibility Study (FS) Correspondence	9/21/2005	1		EPA Acceptance of the Final Feasibility Study Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0266	04.01.00.0028	04.01	Feasibility Study (FS) Correspondence	10/18/2005	1		VADEQ Acceptance of the Final Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0267	04.01.00.0029	04.01	Feasibility Study (FS) Correspondence	11/28/2005	2	Draft	Proposed Remedial Action Plan for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0268	04.07.00.0001	04.07	Feasibility Study (FS) Report	8/31/2005	289		Feasibility Study for the Former Fire Training Area	Report	FFTA	Former Fire Training Area				
1	0269	04.07.00.0002	04.07	Feasibility Study (FS) Report	10/11/2005	261		Feasibility Study for the Waste Oil Dump	Report	WOD	Waste Oil Dump				
1	0270	05.07.00.0005	05.07	Records of Decision	1/1/2005	178	Final	Decision Document for Sites 7 and 11	Report	7	Transformer Pads		Tetra Tech NUS, Inc.		NASA
1	0271	10.01.00.0004	10.01	Correspondence	2/3/2005	1	Draft	2005 - 2006 Site Management Plan for NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Susan Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0272	10.01.00.0005	10.01	Correspondence	3/3/2005	2		EPA Comments on the Draft Site Management Plan for Fiscal Years 2005 and 2006	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Susan Fields	NASA
1	0273	10.01.00.0006	10.01	Correspondence	3/25/2005	1		VADEQ Comments on the Draft Site Management Plan for Fiscal Years 2005 and 2006	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Susan Fields	NASA
1	0274	10.01.00.0007	10.01	Correspondence	4/14/2005	12		NASA Response to Comments on the Site Management Plan for Fiscal Years 2005 and 2006	Letter	WFF	General Site-Wide Information	Susan Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0275	10.01.00.0008	10.01	Correspondence	4/14/2005	1		e-mail Acceptance of NASA response to EPA comments on the Site Management Plan	Memo	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0276	10.01.00.0009	10.01	Correspondence	4/25/2005	1		email - VADEQ Response to NASA RTC on the Draft Site Management Plan for Fiscal Years 2005 and 2006	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Susan Fields	NASA
1	0277	10.01.00.0010	10.01	Correspondence	7/26/2005	1		EPA Acceptance on the Final Site Management Plan for Fiscal Years 2005 - 2006	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0278	10.01.00.0011	10.01	Correspondence	8/4/2005	1		EPA Acceptance on the Final Year 2005 Semi-Annual Progress Report	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0279	10.01.00.0012	10.01	Correspondence	11/22/2005	2	Draft	2006 - 2007 Site Management Plan for NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA

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1	0280	10.04.00.0001	10.04	State Negotiations	11/3/2004	2		VADEQ Comments on the Proposed RCRA Administrative Agreement on Consent (AAC) Public Comment	Letter	WFF	General Site-Wide Information	Karen Jackson Sismour	VADEQ	James J. Burke	EPA
1	0281	10.05.00.0001	10.05	Federal Facility Negotiations/Site Management Plan	5/12/2005	110	Final	Site Management Plan for Fiscal Years 2005 - 2006	Report	WFF	General Site-Wide Information	Susan Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0282	10.05.00.0002	10.05	Federal Facility Negotiations/Site Management Plan	5/23/2005	32		Semi-Annual Progress Report for Fiscal Year 2005	Letter	WFF	General Site-Wide Information	Susan Fields	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0283	10.06.00.0002	10.06	EPA Administrative Order	7/20/2005	1		Notification of Change in NASA Project Coordinator	Letter	WFF	General Site-Wide Information	Susan Fields	NASA	Michelle Price-Fay	EPA
1	0284	21.02.00.0011	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	11/10/2004	22		Remedial Project Managers Meeting Summary - November 2004	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0285	21.02.00.0012	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/7/2005	75		Remedial Project Managers Meeting Summary - March 2005	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0286	21.02.00.0013	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/20/2005	75		Remedial Project Managers Meeting Summary - June 2005	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0287	22.01.00.0001	22.01	Facility-Wide Environmental Reference Documents Correspondence	6/8/2005	8		NASA WFF Archive Search Report Preliminary Result and Action for Visitor Center (presentation)	Memo	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0288	22.02.00.0001	22.02	Facility-Wide Environmental Reference Documents	11/1/2003	202		Cultural Resources Assessment	Report	WFF	General Site-Wide Information		URS Group, Inc. & EG&G Technical Service Inc.		NASA
1	0289	22.02.00.0002	22.02	Facility-Wide Environmental Reference Documents	12/1/2004	319	Final	Historical Resources Survey and Eligibility Report for Wallops Flight Facility	Report	WFF	General Site-Wide Information		URS Group, Inc. & EG&G Technical Service Inc.		NASA
1	0290	22.02.00.0003	22.02	Facility-Wide Environmental Reference Documents	1/1/2005	1288	Final	Site-Wide Environmental Assessment	Report	WFF	General Site-Wide Information		URS Group, Inc. & EG&G Technical Service Inc.		NASA
1	0291	22.02.00.0004	22.02	Facility-Wide Environmental Reference Documents	10/20/2005	1206		Archive Search Report for NASA - Wallops Flight Facility, Volumes 1 - 3	Report	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0292	22.02.00.0005	22.02	Facility-Wide Environmental Reference Documents	11/22/2005	58		Work Plan for the Explosion Hazard Safety Sign Installation Project	Report	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0293	22.02.00.0006	22.02	Facility-Wide Environmental Reference Documents	11/22/2005	72		Health and Safety Plan for the Explosion Hazard Safety Sign Installation Project	Report	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0294	03.07.00.0012	03.07	Remedial Investigation (RI) Report	12/12/2005	329	Final	Groundwater Characterization Report N-222 Scrapyard	Report	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0295	04.01.00.0030	04.01	Feasibility Study (FS) Correspondence	12/7/2005	1		email - Correspondence on the Submittal of the Waste Oil Dump Proposed Remedial Action Plan	Memo	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0296	04.01.00.0031	04.01	Feasibility Study (FS) Correspondence	12/19/2005	1		VADEQ comments on the draft Proposed Remedial Action Plan for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0297	22.02.00.0007	22.02	Facility-Wide Environmental Reference Documents	12/28/2005	15		Section 106 Compliance for Potential UXO Clearing at the Visitor Center	Letter	WFF	General Site-Wide Information	Kent Stover	NASA	Joanna Wilson	Department of Historic Resources
1	0298	01.01.00.0052	01.01	Pre-Remedial Investigation Correspondence	1/12/2006	2		VADEQ Comments on the Draft Supplemental Site Investigation for the Site 2 - Former Building E-52 dated November 2005	Letter	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Carolyn Turner	NASA

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1	0299	01.01.00.0053	01.01	Pre-Remedial Investigation Correspondence	3/14/2006	2		EPA Comments on the Draft Supplemental Site Investigation for the Site 2 - Former Building E-52 dated November 2005	Letter	2	Maintenance Facility, Building E-52	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0300	01.01.00.0054	01.01	Pre-Remedial Investigation Correspondence	3/30/2006	1	Draft	Ecological Risk Evaluation Report M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Michelle Price-Fay	EPA
1	0301	01.01.00.0055	01.01	Pre-Remedial Investigation Correspondence	3/30/2006	1	Draft	Ecological Risk Evaluation Report M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0302	01.01.00.0056	01.01	Pre-Remedial Investigation Correspondence	4/27/2006	9		NASA Response to Remedial Project Manager Comments on the Draft Supplemental Site Investigation Report for Former Building E-52, Site 2	Letter	2	Maintenance Facility, Building E-52	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0303	01.01.00.0057	01.01	Pre-Remedial Investigation Correspondence	5/12/2006	1		email - VADEQ Response to NASA's Response to Comments on the Draft Supplemental Site investigation	Letter	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0304	03.01.00.0043	03.01	Remedial Investigation Correspondence	1/9/2006	1		EPA Acceptance of the Final Groundwater Characterization Report for the N-222, Scrapyard Area	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0305	03.01.00.0044	03.01	Remedial Investigation Correspondence	1/12/2006	1		VADEQ Acceptance of the Final Groundwater Characterization Report for the N-222, Scrapyard Area	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0306	04.01.00.0032	04.01	Feasibility Study (FS) Correspondence	1/9/2006	1		EPA Acceptance of the Final Feasibility Study Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0307	04.01.00.0033	04.01	Feasibility Study (FS) Correspondence	2/2/2006	2		EPA comments on the draft Proposed Remedial Action Plan for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0308	04.01.00.0034	04.01	Feasibility Study (FS) Correspondence	3/14/2006	9		NASA Response to Comments on the draft Proposed Remedial Action Plan for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0309	04.01.00.0035	04.01	Feasibility Study (FS) Correspondence	3/20/2006	1		VADEQ acceptance of NASA responses on draft Proposed Remedial Action Plan for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0310	04.01.00.0036	04.01	Feasibility Study (FS) Correspondence	3/29/2006	1	Draft	Proposed Remedial Action Plan for the Waste Oil Dump	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0311	04.01.00.0037	04.01	Feasibility Study (FS) Correspondence	3/29/2006	1	Draft	Proposed Remedial Action Plan for the Waste Oil Dump	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Michelle Price-Fay	EPA
1	0312	10.01.00.0013	10.01	Correspondence	1/12/2006	1		EPA comments on the draft Site Management Plan for Fiscal Years 2006 and 2007 dated December 2005	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0313	10.01.00.0014	10.01	Correspondence	2/2/2006	1		VADEQ comments on the draft Site Management Plan for Fiscal Years 2006 and 2007 dated December 2005	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0314	10.01.00.0015	10.01	Correspondence	3/6/2006	6		NASA Response to Comments on the draft Site Management Plan for Fiscal Years 2006 and 2007 dated December 2005	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0315	10.01.00.0016	10.01	Correspondence	3/16/2006	1		email - VADEQ acceptance on the draft Site Management Plan for Fiscal Years 2006 and 2007 dated December 2005	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0316	10.01.00.0017	10.01	Correspondence	5/2/2006	1		email - EPA approval of NASA Response to Comments on WFF Site Management Plan for Fiscal Years 2006 and 2007	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0317	10.05.00.0003	10.05	Federal Facility Negotiations/Site Management Plan	5/19/2006	144	Final	Site Management Plan for Fiscal Years 2006 - 2007	Report	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0318	13.06.00.0011	13.06	Fact Sheets	Undated	1		NASA Visitor Center Closed to Look for Unexploded Ordnance	Press Release	WFF	General Site-Wide Information		NASA, Public Affairs	Public	
1	0319	13.06.00.0012	13.06	Fact Sheets	2/1/2006	2		NASA begins cleanup of old ammo Visitor Center closed after bullets unearthed	Press Release	WFF	General Site-Wide Information	Stephen Furness	Eastern Shore News	Public	
1	0320	21.02.00.0014	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/19/2005	72		Remedial Project Managers Meeting Summary - September 2005	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0321	21.02.00.0015	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	1/24/2006	136		Remedial Project Managers Meeting Summary - January 2006	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	

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1	0322	22.01.00.0002	22.01	Facility-Wide Environmental Reference Documents Correspondence	1/23/2006	1	Final	Trip Report for Warning Sign Installation	Letter	WFF	General Site-Wide Information	Garth Glenn	TtNUS	Carolyn Turner	NASA
1	0323	22.01.00.0003	22.01	Facility-Wide Environmental Reference Documents Correspondence	3/2/2006	2		email - NASA WFF - Draft Well Inventory Summary Status Report	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Garth Glenn	Tetra Tech NUS, Inc.
1	0324	22.01.00.0004	22.01	Facility-Wide Environmental Reference Documents Correspondence	3/2/2006	1		VADEQ comments on the draft Well Inventory Summary Status Report	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0325	22.01.00.0005	22.01	Facility-Wide Environmental Reference Documents Correspondence	4/5/2006	1		EPA comments on the Final Well Inventory Summary Status Report dated January 2006	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0326	22.01.00.0006	22.01	Facility-Wide Environmental Reference Documents Correspondence	5/1/2006	17		NASA Response to Comments on the Final Well Inventory Status Report	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay Lynne Smith	VADEQ EPA VADEQ
1	0327	22.01.00.0007	22.01	Facility-Wide Environmental Reference Documents Correspondence	5/1/2006	13		NASA WFF Well Inventory Status Report RTCs	Memo	WFF	General Site-Wide Information	Carolyn Turner	NASA	Michelle Price-Fay, Paul Herman, Lynne Smith	
1	0328	22.01.00.0008	22.01	Facility-Wide Environmental Reference Documents Correspondence	5/5/2006	1		email - VADEQ comments on NASA's Response to Comments on the Final Well Inventory Report	Letter	WFF	General Site-Wide Information	Lynne E. Smith	VADEQ	Carolyn Turner	NASA
1	0329	22.01.00.0009	22.01	Facility-Wide Environmental Reference Documents Correspondence	5/12/2006	2		email - VADEQ Response to NASA's Response to Comments on the Final Well Inventory Report	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0330	22.02.00.0008	22.02	Facility-Wide Environmental Reference Documents	11/1/2005	2419		Focused Archive Search Report for NASA - WFF Test Cell (aka Gun Laboratory Range Area) Volumes 1 - 3	Report	WFF	General Site-Wide Information		USACE St. Louis		
1	0331	22.02.00.0009	22.02	Facility-Wide Environmental Reference Documents	1/1/2006	27		Field Trip Report for Warning Sign Installation at NASA Wallops Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0332	22.02.00.0010	22.02	Facility-Wide Environmental Reference Documents	1/18/2006	189	Final	Well Inventory Status Summary Report	Report	WFF	General Site-Wide Information	Garth Glenn	Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0333	22.02.00.0011	22.02	Facility-Wide Environmental Reference Documents	1/20/2006	62		Work Plan for Visitor Center UXO Support	Report	WFF	General Site-Wide Information	Garth Glenn	Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0334	22.02.00.0012	22.02	Facility-Wide Environmental Reference Documents	1/20/2006	198		Site - Specific Safety and Health Plan for Visitor Center UXO Support	Report	WFF	General Site-Wide Information	Garth Glenn	Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0335	22.02.00.0013	22.02	Facility-Wide Environmental Reference Documents	5/3/2006	705	Final	Visitor Center Unexploded Ordnance (UXO) Clearance Report	Report	WFF	General Site-Wide Information	Garth Glenn	Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0336	01.01.00.0058	01.01	Pre-Remedial Investigation Correspondence	8/23/2006	5		WFF response to Remedial Project Manager Comments on the draft Work Plan for the Island Debris Pile Best Management Practice for Waste Characterization and Surface Debris Clearing Activities	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0337	01.01.00.0059	01.01	Pre-Remedial Investigation Correspondence	8/23/2006	2		VDEQ comments on Draft Ecological Risk Evaluation Report for Site M-15 Photographic Tank	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0338	01.01.00.0060	01.01	Pre-Remedial Investigation Correspondence	9/6/2006	1		email: VDEQ comments to NASA Wallops responses concerning the Draft Work Plan for Waste Characterization and Surface Debris Clearing Activities at Site 4 Island Debris Pile	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner Jerry Hoover	NASA EPA
1	0339	01.01.00.0061	01.01	Pre-Remedial Investigation Correspondence	9/27/2006	1	Draft	Work Plan for SI Activities at the Main Base Firing Range.	Letter	PR	Pistol Range	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0340	01.01.00.0062	01.01	Pre-Remedial Investigation Correspondence	10/6/2006	2		WFF response to Remedial Project Manager Comments on the Ecological Risk Evaluation Report for the M-15 Photographic Tank Site.	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Paul Herman	VADEQ

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1	0341	01.01.00.0063	01.01	Pre-Remedial Investigation Correspondence	10/6/2006	2		WFF response to Remedial Project Manager Comments on the Ecological Risk Evaluation Report for the M-15 Photographic Tank Site.	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0342	01.01.00.0064	01.01	Pre-Remedial Investigation Correspondence	10/11/2006	1		VDEQ comments on Final Waste Characterization and Debris Clearing Work Plan for the Island Debris Pile.	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0343	01.01.00.0065	01.01	Pre-Remedial Investigation Correspondence	10/25/2006	2		email: NASA WFF Weekly field status report for the Island Debris Pile Site	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman Jerry Hoover	VADEQ EPA
1	0344	01.01.00.0066	01.01	Pre-Remedial Investigation Correspondence	12/8/2006	1		email: VDEQ comments on RTC's for Ecological Risk Evaluation Report for the M-15 Photographic Tank Site.	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0345	01.01.00.0067	01.01	Pre-Remedial Investigation Correspondence	12/11/2006	2		VDEQ comments on Draft Work Plan for SI of the Main Base Firing Range Complex.	Letter	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0346	01.03.00.0035	01.03	Pre-Remedial Investigation Site Investigation Documents	8/21/2006	791		Supplemental SI Report former Building E-52, Site 2	Report	2	Maintenance Facility, Building E-52		TtNUS		NASA
1	0347	01.03.00.0036	01.03	Pre-Remedial Investigation Site Investigation Documents	9/8/2006	363		Work Plan, Site Safety & Health Plan and Sampling & Analysis Plan for the Island Debris Pile Best Management Practice for Waste Characterization and Surface Debris Clearing Activities	WP	4	Island Debris Pile		EG&G		NASA
1	0348	03.01.00.0045	03.01	Remedial Investigation Correspondence	7/27/2006	1		EPA response to Summary Site Status Report Scrapyard Site (Building N-222)	Letter	N-222	Scrapyard	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0349	03.01.00.0046	03.01	Remedial Investigation Correspondence	8/15/2006	2	Final	Summary Site Status Report for the Scrapyard Site (Building N-222)	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0350	03.01.00.0047	03.01	Remedial Investigation Correspondence	8/15/2006	2	Final	Summary Site Status Report for the Scrapyard Site (Building N-222)	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Michelle Price-Fay Jerry Hoover	EPA EPA
1	0351	03.01.00.0048	03.01	Remedial Investigation Correspondence	8/29/2006	3		VDEQ comments on the Draft Remedial Investigation Report for sites 005 and 012.	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0352	03.01.00.0049	03.01	Remedial Investigation Correspondence	9/5/2006	1		VDEQ acceptance of the Final Summary Site Status Report for the N-222 Scrapyard Area	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0353	03.01.00.0050	03.01	Remedial Investigation Correspondence	10/2/2006	1		EPA acceptance of the Final Summary Site Status Report for the N-222 Scrapyard Area	Letter	N-222	Scrapyard	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0354	03.01.00.0051	03.01	Remedial Investigation Correspondence	10/10/2006	3		VDEQ addendum to comments on the Draft Remedial Investigation Report for sites 005 and 012.	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0355	03.01.00.0052	03.01	Remedial Investigation Correspondence	12/12/2006	1		email: NASA request for extension to the 45 day response to comment time period for Draft Remedial Investigation Report for Sites 005 and 012	Memo	5	Paint Stain	Carolyn Turner	NASA	Paul Herman Jerry Hoover	VADEQ EPA
1	0356	03.01.00.0053	03.01	Remedial Investigation Correspondence	12/14/2006	2		email: EPA acceptance of NASA extension request for Draft Remedial Investigation Report for Sites 005 and 012	Memo	5	Paint Stain	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0357	03.09.00.0002	03.09	Remedial Investigation Endangerment/Risk Assessments	8/2006	70		Summary Site Status Report Scrapyard Site (Building N-222)	Report	N-222	Scrapyard		TtNUS		NASA
1	0358	04.01.00.0038	04.01	Feasibility Study (FS) Correspondence	8/23/2006	14		email: EPA comments on the Final WOD PRAP	Memo	WOD	Waste Oil Dump	Jerry Hoover	EPA	Carolyn Turner Paul Herman	NASA VADEQ
1	0359	04.01.00.0039	04.01	Feasibility Study (FS) Correspondence	9/28/2006	3	Final	PRAP for the FFTA and the WOD and RTC's from VDEQ for the draft WOD PRAP.	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0360	04.01.00.0040	04.01	Feasibility Study (FS) Correspondence	9/28/2006	3	Final	PRAP for the FFTA and the WOD and RTC's from VDEQ for the draft WOD PRAP.	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0361	04.01.00.0041	04.01	Feasibility Study (FS) Correspondence	10/11/2006	1		email: VDEQ acceptance of the Final PRAP for the WOD and FFTA	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner Jerry Hoover	NASA EPA
1	0362	04.01.00.0042	04.01	Feasibility Study (FS) Correspondence	10/31/2006	2	Draft	NASA PRAP for the Scrapyard Site (Building N-222) with proposed No Further Action decision	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0363	04.01.00.0043	04.01	Feasibility Study (FS) Correspondence	11/20/2006	2		VDEQ comments on the Draft PRAP for the Scrapyard Site (Building N-222)	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0364	04.01.00.0044	04.01	Feasibility Study (FS) Correspondence	12/6/2006	3		email: NASA response to Public Comment Period format and who has to sign the ROD	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner Jerry Hoover	NASA EPA
1	0365	04.01.00.0045	04.01	Feasibility Study (FS) Correspondence	12/12/2006	1		email: VDEQ Action item for last meeting re: PRAP Public Notice	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA

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1	0366	04.01.00.0046	04.01	Feasibility Study (FS) Correspondence	12/21/2006	2		email: NASA responses to VDEQ comments for the PRAP for the Scrapyard Site (Building N-222)	Memo	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman Jerry Hoover	VADEQ EPA
1	0367	10.01.00.0018	10.01	Correspondence	11/30/2006	1		NASA draft SMP for fiscal years 2007 and 2008 for WFF	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0368	10.01.00.0019	10.01	Correspondence	11/30/2006	1		NASA draft SMP for fiscal years 2007 and 2008 for WFF	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0369	10.06.00.0003	10.06	EPA Administrative Order	8/14/2006	1		Notification of Change in EPA Remedial Project Manager	Letter	WFF	General Site-Wide Information	Michelle Price-Fay	EPA	Carolyn Turner	NASA
1	0370	21.02.00.0016	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	5/8/2006	86		Remedial Project Managers Meeting Summary - May 2006	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0371	22.01.00.0010	22.01	Facility-Wide Environmental Reference Documents Correspondence	10/13/2006	1		email - NASA WFF Sites 5/12 munitions findings	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman Jerry Hoover	VADEQ EPA
1	0372	22.02.00.0014	22.02	Facility-Wide Environmental Reference Documents	11/2006	93		Well Abandonment Report	Report	WFF	General Site-Wide Information	Garth Glenn	Tetra Tech NUS, Inc.	Carolyn Turner	NASA
1	0373	01.01.00.0068	01.01	Pre-Remedial Investigation Correspondence	12/28/2006	6		Summary of Waste Characterization Sampling at the Island Debris Pile NASA GSFC WFF	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0374	01.01.00.0069	01.01	Pre-Remedial Investigation Correspondence	1/5/2007	2		email: NASA Wallops - Island Debris Pile Waste Characterization Sampling. Re results of conversation with URS.	Letter	2	Maintenance Facility, Building E-52	Theodore Meyer	NASA	Paul Herman Carolyn Turner	VADEQ NASA
1	0375	01.01.00.0070	01.01	Pre-Remedial Investigation Correspondence	1/5/2007	2		email: NASA Wallops - Island Debris Pile Waste Characterization Sampling. Summary of phone conversation re additional samples proposed for the debris pile areas where PCB's and TPH-DRO were found	Letter	2	Maintenance Facility, Building E-52	Paul Herman	VADEQ	Theodore Meyer	NASA
1	0376	01.01.00.0071	01.01	Pre-Remedial Investigation Correspondence	1/7/2007	7		email: Contractor's comments on the Draft Work Plan and Sampling and Analysis Plan for SI activities for the Main Base Firing Range Complex	Letter	PR	Pistol Range	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0377	01.01.00.0072	01.01	Pre-Remedial Investigation Correspondence	1/8/2007	3		email: Request for revisions to time table for IDP field activities for Island Debris Pile Waste Characterization Sampling	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0378	01.01.00.0073	01.01	Pre-Remedial Investigation Correspondence	1/8/2007	4		email: Approval of requested revisions to time table for IDP field activities for Island Debris Pile Waste Characterization Sampling	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0379	04.01.00.0047	04.01	Feasibility Study (FS) Correspondence	12/29/2006	3		email: Response to VDEQ comments Scrapyard PRAP_2006 tracking	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0380	04.01.00.0048	04.01	Feasibility Study (FS) Correspondence	1/11/2007	1		email: Final PRAPs after incorporating latest round of EPA and DEQ comments.	Memo	WFF	General Site-Wide Information	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0381	04.08.00.0001	04.08	FS Proposed Plans for Selected Remedial Action	1/11/2007	16		PRAP for FFTA	PRAP	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0382	04.08.00.0002	04.08	FS Proposed Plans for Selected Remedial Action	1/11/2007	12		PRAP for WOD	PRAP	WOD	Waste Oil Dump	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0383	04.08.00.0003	04.08	FS Proposed Plans for Selected Remedial Action	1/11/2007	12		PRAP for Scrapyard Site	PRAP	N-222	Scrapyard	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0384	10.01.00.0020	10.01	Correspondence	12/22/2006	1		VDEQ comments on NASA WFF Draft Site Management Plan for FY 2007 and 2008	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0385	01.01.00.0074	01.01	Pre-Remedial Investigation Correspondence	1/8/2007	1		EPA comments on Ecological Risk Evaluation Report for the M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0386	04.01.00.0049	04.01	Feasibility Study (FS) Correspondence	8/23/2006	14		email: EPA comments on the Final FFTA PRAP	Memo	FFTA	Former Fire Training Area	Jerry Hoover	EPA	Carolyn Turner Paul Herman	NASA VADEQ
1	0387	13.02.00.0002	13.02	Mailing List	1/1/2007	9	Addendum	NASA WFF Community Involvement Plan of March 2003	List	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA

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1	0388	10.01.00.0021	10.01	Correspondence	1/8/2007	1		EPA comments on Site Management Plan, Fiscal years 2007 and 2008.	Letter	WFF	General Site-Wide Information	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0389	01.01.00.0075	01.01	Pre-Remedial Investigation Correspondence	2/7/2007	2	Draft Final	Ecological Risk Evaluation Report for the M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0390	01.01.00.0076	01.01	Pre-Remedial Investigation Correspondence	2/7/2007	2	Draft Final	Ecological Risk Evaluation Report for the M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0391	01.01.00.0077	01.01	Pre-Remedial Investigation Correspondence	12/8/2006	1		email: VDEQ no further comments regarding Draft Final Ecological Risk Evaluation Report for the M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0392	10.01.00.0022	10.01	Correspondence	2/5/2007	4		NASA responses to VDEQ comments on NASA WFF Draft Site Management Plan for FY 2007 and 2008	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0393	10.01.00.0023	10.01	Correspondence	2/5/2007	4		NASA responses to VDEQ comments on NASA WFF Draft Site Management Plan for FY 2007 and 2009	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0394	01.01.00.0078	01.01	Pre-Remedial Investigation Correspondence	1/8/2007	1		EPA reviewed NASA's Response to Comments on the Ecological Risk Evaluation Report for the M-15 Photographic Tank Site submitted via letter dated October 6, 2006	Letter	M-15	Photographic Tank Site	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0395	01.01.00.0079	01.01	Pre-Remedial Investigation Correspondence	2/9/2007	1	Final	NASA Goddard Space Flight Center Wallops Flight Facility Ecological Risk Evaluation Report M-15 Photographic Tank Site	Letter	M-15	Photographic Tank Site	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0396	01.01.00.0080	01.01	Pre-Remedial Investigation Correspondence	2/22/2007	3		email: Task Order No. 013, NASA Wallops Island, technical review of draft Work Plan and sampling and Analysis Plan for Site Investigation Activities for the Main Base Firing Range Complex	Memo	PR	Pistol Range	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0397	01.01.00.0081	01.01	Pre-Remedial Investigation Correspondence	3/23/2007	1		NASA Goddard Space Flight Center Wallops Flight Facility Draft Site Investigation Work Plan Main Base Firing Range Complex	Letter	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0398	01.01.00.0082	01.01	Pre-Remedial Investigation Correspondence	3/26/2007	3	RTC	Draft Work Plan for Site Investigation Activities at the Main Base Firing Range at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0399	01.01.00.0083	01.01	Pre-Remedial Investigation Correspondence	3/26/2007	3	RTC	Draft Work Plan for Site Investigation Activities at the Main Base Firing Range at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Jerry Hoover Steven Hirsh	EPA
1	0400	01.01.00.0084	01.01	Pre-Remedial Investigation Correspondence	4/3/2007	1		email: NASA WFF - Draft Work Plan for SI at Main Base Range Complex-Groundwater	Memo	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0401	01.01.00.0085	01.01	Pre-Remedial Investigation Correspondence	4/3/2007	1		email: Draft Work Plan for SI at Main Base Range Complex-Groundwater	Memo	PR	Pistol Range	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0402	01.01.00.0086	01.01	Pre-Remedial Investigation Correspondence	4/4/2007	1		email: NASA WFF Main Base Firing Range SI WP RTCs	Memo	PR	Pistol Range	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0403	01.01.00.0087	01.01	Pre-Remedial Investigation Correspondence	4/6/2007	2		email: Draft Work Plan for SI at Main Base Firing Range Complex-Groundwater	Memo	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0404	01.01.00.0088	01.01	Pre-Remedial Investigation Correspondence	4/6/2007	3		email: Draft Work Plan for SI at Main Base Range Complex-Groundwater	Memo	PR	Pistol Range	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0405	01.01.00.0089	01.01	Pre-Remedial Investigation Correspondence	4/6/2007	2		email: Draft Work Plan for SI at Main Base Range Complex-Groundwater	Memo	PR	Pistol Range	Carolyn Turner	NASA	Steven Hirsh	EPA Paul Herman\VADEQ
1	0406	01.01.00.0090	01.01	Pre-Remedial Investigation Correspondence	5/30/2007	2		Field Summary Report, Waste Characterization and Surface Debris Clearing, Site 4, Island Debris Pile, NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0407	01.01.00.0091	01.01	Pre-Remedial Investigation Correspondence	5/30/2007	2		Field Summary Report, Waste Characterization and Surface Debris Clearing, Site 4, Island Debris Pile, NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0408	01.01.00.0092	01.01	Pre-Remedial Investigation Correspondence	6/7/2007	1		NASA Goddard Space Flight Center Wallops Flight Facility Final Site Investigation Work Plan and Quality Assurance Project Plan Main Base Firing Range Complex	Letter	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0409	01.01.00.0093	01.01	Pre-Remedial Investigation Correspondence	7/3/2007	1		email: NASA Wallops Flight Facility-Final Site Investigation Work Plan for Main Base Firing Range	Memo	PR	Pistol Range	Steven Hirsh	EPA	Carolyn Turner	NASA

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1	0410	01.01.00.0094	01.01	Pre-Remedial Investigation Correspondence	7/6/2007	4	RTC	Final Work Plan for the Site Investigation for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0411	01.01.00.0095	01.01	Pre-Remedial Investigation Correspondence	7/6/2007	4	RTC	Response to Regulatory Comments on the Final work Plan for the Site Investigation for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0412	01.01.00.0096	01.01	Pre-Remedial Investigation Correspondence	7/24/2007	2		Addendum to Final Work Plan and Quality Assurance Project Plan for the Main Base Firing Range Complex Sit at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0413	01.01.00.0097	01.01	Pre-Remedial Investigation Correspondence	8/22/2007	1		NASA Goddard Space Flight Center Wallops Flight Facility Addendum to Final Work Plan and Quality Assurance Project Plan for the Site Investigation Activities for the Main Base Firing Range Complex	Letter	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0414	01.01.00.0098	01.01	Pre-Remedial Investigation Correspondence	8/29/2007	3	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Work Plan for Site Investigation Activities and Quality Assurance Project Plan Island debris Pile, Site 4	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0415	01.01.00.0099	01.01	Pre-Remedial Investigation Correspondence	10/4/2007	2		email: Site 4	Memo	4	Island Debris Pile	Steven Hirsh	EPA	Theodore Meyer	NASA
1	0416	01.01.00.0100	01.01	Pre-Remedial Investigation Correspondence	10/5/2007	1		email: Start of Field Work at Main Base Firing Range	Memo	PR	Pistol Range	Theodore Meyer	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0417	01.01.00.0101	01.01	Pre-Remedial Investigation Correspondence	10/17/2007	6	RTC	Draft Work Plan for Site Investigation Activities and Quality Assurance Project Plan Island Debris Pile, Site 4	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0418	01.01.00.0102	01.01	Pre-Remedial Investigation Correspondence	10/29/2007	2		NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments for Draft Work Plan for Site Investigation Activities and Quality Assurance Project Plan Island debris Pile, Site 4	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0419	01.01.00.0103	01.01	Pre-Remedial Investigation Correspondence	11/5/2007	6		email: NASA WFF Work Plan for Additional Site Investigation Activities at the Main Base Firing Range Complex	Memo	PR	Pistol Range	Carolyn Turner	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0420	01.01.00.0104	01.01	Pre-Remedial Investigation Correspondence	11/9/2007	4		email: NASA WFF MBFR Site Phase II Field Summary	Memo	PR	Pistol Range	Carolyn Turner	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0421	01.01.00.0105	01.01	Pre-Remedial Investigation Correspondence	11/19/2007	2	RTC	Site 4, Island Debris Pile Site Investigation Work Plan and Quality Assurance Project Plan, NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0422	01.01.00.0106	01.01	Pre-Remedial Investigation Correspondence	1/31/2008	2	Final	Site 4, Island Debris Pile Site Investigation Work Plan and Revision 1 of the Quality Assurance Project Plan, NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0423	01.01.00.0107	01.01	Pre-Remedial Investigation Correspondence	1/31/2008	2	Final	Site 4, Island Debris Pile Site Investigation Work Plan and Revision 1 of the Quality Assurance Project Plan, NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0424	01.01.00.0108	01.01	Pre-Remedial Investigation Correspondence	2/20/2008	1	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Revised Work Plan and Quality Assurance Project Plan Site Investigation Activities at Island Debris Pile, Site 4	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0425	01.01.00.0109	01.01	Pre-Remedial Investigation Correspondence	2/21/2008	1		email: Main Base Firing Range Site Investigation Report	Memo	PR	Pistol Range	Paul Herman	VADEQ	Theodore Meyer Steven Hirsch	NASA EPA
1	0426	01.01.00.0110	01.01	Pre-Remedial Investigation Correspondence	2/21/2008	1		email: Main Base Firing Range Site Investigation Report	Memo	PR	Pistol Range	Theodore Meyer	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0427	01.01.00.0111	01.01	Pre-Remedial Investigation Correspondence	3/13/2008	1		Draft Work Plan and QAPP for Site Investigation Activities at Island Debris Pile, Site 4	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0428	01.01.00.0112	01.01	Pre-Remedial Investigation Correspondence	3/27/2008	1	Final	Site 4, Island Debris Pile Site Investigation Work Plan and Quality Assurance Project Plan NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0429	01.01.00.0113	01.01	Pre-Remedial Investigation Correspondence	3/27/2008	1	Final	Site 4, Island Debris Pile Site Investigation Work Plan and Quality Assurance Project Plan NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	4	Island Debris Pile	Carolyn Turner	NASA	Steven Hirsh	EPA

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1	0430	01.01.00.0114	01.01	Pre-Remedial Investigation Correspondence	3/31/2008	1	Draft	Site Investigation Report for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's. wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0431	01.01.00.0115	01.01	Pre-Remedial Investigation Correspondence	3/31/2008	1	Draft	Site Investigation Report for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's. wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0432	01.03.00.0037	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/2007	54		Quality Assurance Project Plan for Site Investigation Activities at the Main Base Firing Range Complex NASA Wallops Flight Facility Wallops Island, Virginia	WP	PR	Pistol Range		TtNUS		NASA
1	0433	01.03.00.0038	01.03	Pre-Remedial Investigation Site Investigation Documents	5/1/2007	218		Work Plan for Site Investigation Activities at the Main Base Firing Range Complex NASA Wallops Flight Facility Wallops Island, Virginia	WP	PR	Pistol Range		TtNUS		NASA
1	0434	01.03.00.0039	01.03	Pre-Remedial Investigation Site Investigation Documents	5/21/2007	529		Site 4 Island Debris Pile Field Summary Report Waste Characterization Sampling and Surface Debris Clearing	Report	4	Island Debris Pile	URS	EG&G		NASA
1	0435	01.03.00.0040	01.03	Pre-Remedial Investigation Site Investigation Documents	1/1/2008	224		Work Plan and Quality Assurance Project Plan for Site Investigation Activities at Island Debris Pile, Site 4 NASA Wallops Flight Facility Wallops Island, Virginia	WP	4	Island Debris Pile		TtNUS		NASA
1	0436	01.04.00.0006	01.04	Pre-Remedial Investigation Expanded Site Investigation	1/1/2007	255		Ecological Risk Evaluation Report M-15 Photographic Tank Site NASA Wallops Flight Facility Wallops Island, Virginia	Report	M-15	Photographic Tank Site		TtNUS		NASA
1	0437	03.01.00.0054	03.01	Remedial Investigation Correspondence	6/1/2004	1		NASA Goddard Space Flight Center Wallops Flight Facility Draft-Final Supplemental Remedial Investigation Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Susan Fields	NASA
1	0438	03.01.00.0055	03.01	Remedial Investigation Correspondence	1/9/2006	1		Re-Submittal of CD version of the Final Groundwater Characterization Report N-222 Scrapyard, NASA, Goddard Space Flight Center's Wallops Flight Facility (WFF) Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0439	03.01.00.0056	03.01	Remedial Investigation Correspondence	12/14/2006	2		email: NASA WFF Sites5/12 Draft Remedial Investigation Report RTCs Deliverable Date Request (to January 12,2007)	Memo	5	Paint Stain	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0440	03.01.00.0057	03.01	Remedial Investigation Correspondence	1/12/2007	1	RTC	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0441	03.01.00.0058	03.01	Remedial Investigation Correspondence	1/12/2007	1	RTC	Remedial Investigation report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Jerry Hoover	EPA
1	0442	03.01.00.0059	03.01	Remedial Investigation Correspondence	2/22/2007	1		email: NASA Wallops Flight Facility - RTCs for Sites 005 and 012 Remedial Investigation Report	Memo	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0443	03.01.00.0060	03.01	Remedial Investigation Correspondence	7/25/2007	2	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments - Remedial Investigation Report Sites 005 and 012	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0444	03.01.00.0061	03.01	Remedial Investigation Correspondence	8/29/2007	2		email: NASA WFF Sites 5/12 Response to Regulatory Comments-Extension request for NASA submittal to September 28	Memo	5	Paint Stain	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0445	03.01.00.0062	03.01	Remedial Investigation Correspondence	8/29/2007	1		email: NASA WFF Sites 5/12 Response to Regulatory Comments-Extension request for NASA submittal to September 28	Memo	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0446	03.01.00.0063	03.01	Remedial Investigation Correspondence	9/28/2007	6	RTC	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0447	03.01.00.0064	03.01	Remedial Investigation Correspondence	9/28/2007	5	RTC	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0448	03.01.00.0065	03.01	Remedial Investigation Correspondence	10/11/2007	31		Summary Table with Responses to Regulatory Comments on the Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0449	03.01.00.0066	03.01	Remedial Investigation Correspondence	10/11/2007	31		Summary Table with Responses to Regulatory Comments on the Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh	EPA

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1	0450	03.01.00.0067	03.01	Remedial Investigation Correspondence	1/2/2008	31	RTC	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0451	03.01.00.0068	03.01	Remedial Investigation Correspondence	1/2/2008	30	RTC	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0452	03.01.00.0069	03.01	Remedial Investigation Correspondence	1/8/2008	1		email: RTC Sites '5 / 12	Memo	5	Paint Stain	Carolyn Turner	NASA	Dawn Fulsher	EPA
1	0453	03.01.00.0070	03.01	Remedial Investigation Correspondence	1/22/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments - Draft Remedial Investigation Report Sites 005 and 012	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0454	03.01.00.0071	03.01	Remedial Investigation Correspondence	2/11/2008	2		email: NASA WFF Weekly Field Activities Report for Sites 5/12 MEC Clearance	Memo	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh Paul Herman	EPA VADEQ
1	0455	03.01.00.0072	03.01	Remedial Investigation Correspondence	2/20/2008	1	Final	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0456	03.01.00.0073	03.01	Remedial Investigation Correspondence	2/20/2008	1	Final	Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0457	03.01.00.0074	03.01	Remedial Investigation Correspondence	3/24/2008	1	Final	NASA Goddard Space Flight Center Wallops Flight Facility Final Remedial Investigation Report Sites 005 and 012	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0458	03.01.00.0075	03.01	Remedial Investigation Correspondence	4/23/2008	1	Draft	Remedial Investigation Response Report for Sites 5 & 12	Letter	5	Paint Stain	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0459	03.01.00.0076	03.01	Remedial Investigation Correspondence	4/25/2008	1	RTC	Final Remedial Investigation Report for Sites '5 / 12 at NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0460	03.07.00.0013	03.07	Remedial Investigation (RI) Report	2/15/2008	3372		Sites 005 and 012 Remedial Investigation Report Revision 0, NASA Goddard Space Flight Center Wallops Flight Facility	Report	5	Paint Stain		TtNUS		NASA
1	0461	04.01.00.0050	04.01	Feasibility Study (FS) Correspondence	12/7/2005	87		email: NASA WFF Waste Oil Dump PRAP Submittal	Memo	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman Michelle Price-Fay	VADEQ EPA
1	0462	04.01.00.0051	04.01	Feasibility Study (FS) Correspondence	12/12/2006	87		email: Action Item from Last Meeting-PRAP Public Notice	Memo		0	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0463	04.01.00.0052	04.01	Feasibility Study (FS) Correspondence	1/23/2007	87		EPA and DEQ Comments Pre-Final/Final PRAPs, FFTA, WOD, Scrapyard	Letter	FFTA	Former Fire Training Area	Sheila Briggs-Steuteville	EPA	Carolyn Turner	NASA
1	0464	04.01.00.0053	04.01	Feasibility Study (FS) Correspondence	1/25/2007	2		email: NASA WFF Submittal of word version of WOD, FFTA, Scrapyard PRAPS	Memo	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman Sheila Briggs-Steuteville	VADEQ EPA
1	0465	04.01.00.0054	04.01	Feasibility Study (FS) Correspondence	2/20/2007	1		NASA Goddard Space Flight Center Wallops Flight Facility Final Proposed Remedial Action Plans for the Former Fire Training area, the Waste Oil Dump, and the Scrapyard Site	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0466	04.01.00.0055	04.01	Feasibility Study (FS) Correspondence	2/26/2007	14		NASA WFF Main Base Firing Range SI WP RTCs	Letter	PR	Pistol Range	Carolyn Turner	NASA	Paul Herman Steven Hirsh Jerry Hoover	VADEQ EPA EPA
1	0467	05.01.00.0012	05.01	Correspondence	4/11/2007	2	Draft	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0468	05.01.00.0013	05.01	Correspondence	4/11/2007	2	Draft	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0469	05.01.00.0014	05.01	Correspondence	5/18/2007	35		Comments Draft Record of Decision for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0470	05.01.00.0015	05.01	Correspondence	5/24/2007	2		NASA Goddard Space Flight Center Wallops Flight Facility Draft Record of Decision Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0471	05.01.00.0016	05.01	Correspondence	5/24/2007	3		email: NASA Wallops Flight Facility-Draft ROD for Former Fire Training Area	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0472	05.01.00.0017	05.01	Correspondence	5/24/2007	15		Comments NASA Goddard Space Flight Center Wallops Flight Facility Draft Record of Decision Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0473	05.01.00.0018	05.01	Correspondence	6/5/2007	2		Comments NASA Goddard Space Flight Center Wallops Flight Facility Draft Record of Decision Scrapyard Site	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA

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1	0474	05.01.00.0019	05.01	Correspondence	6/20/2007	25		Comments Draft Record of Decision for the NASA WFF Scrapyard Site	Letter	N-222	Scrapyard	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0475	05.01.00.0020	05.01	Correspondence	7/5/2007	12	RTC	Draft Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0476	05.01.00.0021	05.01	Correspondence	7/5/2007	12	RTC	Draft Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0477	05.01.00.0022	05.01	Correspondence	7/20/2007	2		NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments-Draft Record of Decision Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0478	05.01.00.0023	05.01	Correspondence	7/23/2007	3		email: NASA Wallops -RTCs on Draft ROD for the FFTA	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0479	05.01.00.0024	05.01	Correspondence	8/7/2007	25	RTC	Draft Record of Decision for the Scrapyard Site at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0480	05.01.00.0025	05.01	Correspondence	8/7/2007	25	RTC	Draft Record of Decision for the Scrapyard Site at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0481	05.01.00.0026	05.01	Correspondence	8/31/2007	1		NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments-Draft Record of Decision Former Scrapyard Site	Letter	N-222	Scrapyard	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0482	05.01.00.0027	05.01	Correspondence	9/12/2007	1		email: NASA WFF Former Fire Training Area ROD (final)	Memo	FFTA	Former Fire Training Area	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0483	05.01.00.0028	05.01	Correspondence	10/18/2007	1		email: NASA WFF - Waste Oil Dump ROD	Memo	WOD	Waste Oil Dump	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0484	05.01.00.0029	05.01	Correspondence	10/29/2007	8		NASA WFF Draft Response to DEQ Comment; WOD ROD	Memo	WOD	Waste Oil Dump	Paul Herman Steven Hirsh	VADEQ EPA	Carolyn Turner	NASA
1	0485	05.01.00.0030	05.01	Correspondence	11/1/2007	41		email: EPA's comments on Draft WOD ROD	Memo	WOD	Waste Oil Dump	Steven Hirsh	EPA	Carolyn Turner	NASA
1	0486	05.01.00.0031	05.01	Correspondence	11/2/2007	1		email: Draft Scrapyard ROD RTC…	Memo	N-222	Scrapyard	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0487	05.01.00.0032	05.01	Correspondence	11/2/2007	1		email: Draft Scrapyard ROD RTC…	Memo	N-222	Scrapyard	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0488	05.01.00.0033	05.01	Correspondence	11/6/2007	1	Final	Record of Decision for Former Fire Training Area NASA Wallops Flight Facility Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Chris Evans	VADEQ	James Burke	EPA
1	0489	05.01.00.0034	05.01	Correspondence	11/28/2007	5	RTC	Environmental Protection Agency Comments on the Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0490	05.01.00.0035	05.01	Correspondence	11/29/2007	1	Final	Record of Decision for the Scrapyard Site at NASA Goddard Space Flight Center's Wallops Flight Facility Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0491	05.01.00.0036	05.01	Correspondence	12/4/2007	1	Final	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0492	05.01.00.0037	05.01	Correspondence	12/4/2007	1	Final	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0493	05.01.00.0038	05.01	Correspondence	12/19/2007	3		email: ORC's proposed changes to the Final Scrapyard ROD	Memo	N-222	Scrapyard	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0494	05.01.00.0039	05.01	Correspondence	1/8/2008	4		email: WOD RTC	Memo	WOD	Waste Oil Dump	Carolyn Turner	NASA	Dawn Fulsher	EPA
1	0495	05.01.00.0040	05.01	Correspondence	1/9/2008	2	Final	Record of Decision for the Scrapyard Site at NASA Goddard Space Flight Center's Wallops Flight Facility Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0496	05.01.00.0041	05.01	Correspondence	1/14/2008	1	Final	Record of Decision for the Scrapyard Site NASA Wallops Flight Facility Wallops Island, Virginia	Letter	N-222	Scrapyard	Chris Evans	VADEQ	James Burke	EPA
1	0497	05.01.00.0042	05.01	Correspondence	1/22/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Final Record of Decision Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA

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1	0498	05.01.00.0043	05.01	Correspondence	2/1/2008	1	Final	Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0499	05.01.00.0044	05.01	Correspondence	2/1/2008	1	Final	Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0500	05.01.00.0045	05.01	Correspondence	2/6/2008	1	Final	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0501	05.01.00.0046	05.01	Correspondence	2/6/2008	1	Final	Record of Decision for the Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0502	05.01.00.0047	05.01	Correspondence	2/19/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Revised Draft Record of Decision Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0503	05.01.00.0048	05.01	Correspondence	3/17/2008	1		ORC comments on "final" Wallops Waste Oil Dump ROD	Memo	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0504	05.01.00.0049	05.01	Correspondence	4/1/2008	1	Final	Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0505	05.01.00.0050	05.01	Correspondence	4/1/2008	1	Final	Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0506	05.01.00.0051	05.01	Correspondence	4/4/2008	1	Final	Record of Decision for Waste Oil Dump NASA Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Karen Jackson Sismour	VADEQ	James Burke	EPA
1	0507	05.01.00.0052	05.01	Correspondence	4/4/2008	1	Final	Record of Decision for the Scrapyard Site at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0508	05.01.00.0053	05.01	Correspondence	4/4/2008	1	Final	Record of Decision for the Scrapyard Site at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0509	05.07.00.0006	05.07	Records of Decision	12/1/2007	70		Record of Decision Former Fire Training Area NASA Wallops Flight Facility Wallops island, Virginia	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
1	0510	05.07.00.0007	05.07	Records of Decision	1/1/2008	49		Record of Decision Scrapyard Site NASA Wallops Flight Facility Wallops island, Virginia	Report	N-222	Scrapyard		Tetra Tech NUS, Inc.		NASA
1	0511	05.07.00.0008	05.07	Records of Decision	3/1/2008	64		Record of Decision Waste Oil Dump NASA Wallops Flight Facility Wallops island, Virginia	Report	WOD	Waste Oil Dump		Tetra Tech NUS, Inc.		NASA
1	0512	06.01.00.0001	06.01	Correspondence	3/12/2008	1		Remedial design for Land Use Controls and Pilot Study Work Plan, Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0513	06.01.00.0002	06.01	Correspondence	3/12/2008	1		Remedial design for Land Use Controls and Pilot Study Work Plan, Former Fire Training Area at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0514	06.01.00.0003	06.01	Correspondence	4/8/2008	2	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Draft Remedial design for Land Use Controls Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0515	06.01.00.0004	06.01	Correspondence	4/23/2008	1	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Draft Pilot Study Work Plan Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0516	10.01.00.0024	10.01	Correspondence	3/16/2006	1		email: NASA WFF Site Management Plan o6/07 RTCs	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner Michelle Price-Fay	NASA EPA
1	0517	10.01.00.0025	10.01	Correspondence	1/8/2007	1		No comments on Site Management Plan for 2007 and 2008	Letter	WFF	General Site-Wide Information	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0518	10.01.00.0026	10.01	Correspondence	2/28/2007	1		email: NASA Wallops Flight Facility-RTCs for Draft Site Management Plan FY 2007 and 2008	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA

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1	0519	10.01.00.0027	10.01	Correspondence	3/26/2007	2	Final	Site Management Plan for fiscal years 2007 and 2008 and NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Jerry Hoover Steven Hirsh	EPA EPA
1	0520	10.01.00.0028	10.01	Correspondence	3/26/2007	2	Final	Site Management Plan for fiscal years 2007 and 2008 and NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0521	10.01.00.0029	10.01	Correspondence	4/5/2007	1		email: NASA WFF-Final Site Management Plan for FY 2007 and 2008	Memo	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0522	10.01.00.0030	10.01	Correspondence	5/30/2007	1		Fiscal Year 2007 Semi-Annual Progress Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0523	10.01.00.0031	10.01	Correspondence	5/30/2007	2		Fiscal Year 2007 Semi-Annual Progress Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Steve Hirsh	EPA
1	0524	10.01.00.0032	10.01	Correspondence	11/28/2007	1	Draft	Site Management Plan for Fiscal years 2008 and 2009 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Steve Hirsh	EPA
1	0525	10.01.00.0033	10.01	Correspondence	11/28/2007	1	Draft	Site Management Plan for Fiscal years 2008 and 2009 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0526	10.01.00.0034	10.01	Correspondence	1/30/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility draft Site Management Plan for FY 2008 and 2009	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0527	10.01.00.0035	10.01	Correspondence	4/23/2008	1		email: Actions from April 2008 RPM meeting	Memo	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0528	10.05.00.0004	10.05	Federal Facility Negotiations/Site Management Plan	3/1/2007	139		Site Management Plan Fiscal years 2007 and 2008 NASA Wallops Flight Facility Wallops Island, Virginia	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
1	0529	10.05.00.0005	10.05	Federal Facility Negotiations/Site Management Plan	6/1/2007	26		Fiscal Year 2007 Semi-Annual Progress report for NASA Wallops Flight Facility Wallops Island, Virginia	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
1	0530	10.06.00.0004	10.06	EPA Administrative Order	3/29/2007	1		Notification of Change in EPA Remedial Project Manager NASA, Goddard Space Flight Center's Wallops Flight Facility (WFF) Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Jerry Hoover	EPA	Carolyn Turner	NASA
1	0531	13.05.00.0004	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	2/16/2007	2		Public Notice dated February 14, 2007	PN	WFF	General Site-Wide Information		NASA, Public Affairs		
1	0532	13.05.00.0005	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	3/1/2007	1		Sign-In-Sheet WFF Public Availability Session Waste Oil Dump Site Former Fire Training Area Site Scrapyard Site		FFTA	Former Fire Training Area				
1	0533	13.06.00.0013	13.06	Fact Sheets	1/1/2006	2		Notice to Wallops Neighbors Fact Sheet	Press Release	WFF	General Site-Wide Information		US Army Corp of Engineers	Public	
1	0534	20.02.00.0002	20.02		8/7/2007	2		Draft Work Plan for Toxic Substances Control Act Self-Implementing Remediation for Building X-115 Former Transformer pad at NASA, Goddard Space Flight Center's wallops Flight Facility, Wallops Island, Virginia	Letter	5/12		Carolyn Turner	NASA	Steve Hirsch	EPA
1	0535	20.02.00.0003	20.02		8/7/2007	2		Draft Work Plan for Toxic Substances Control Act Self-Implementing Remediation for Building X-115 Former Transformer pad at NASA, Goddard Space Flight Center's wallops Flight Facility, Wallops Island, Virginia	Letter	5/12		Carolyn Turner	NASA	Paul Herman	VADEQ
1	0536	20.02.00.0004	20.02		9/4/2007	2		NASA Goddard Space Flight Center Wallops Flight Facility Draft Work Plan for the NASA TSCA Self-Implementing Remediation Building X-115	Letter	5/12		Paul Herman	VADEQ	Carolyn Turner	NASA
1	0537	20.02.00.0005	20.02		9/5/2007	1		email-NASA Wallops - draft Work Plan for the NASA TSCA Self-Implementing Remediation at Bldg X-115	Email	5/12		Steve Hirsch	EPA	Carolyn Turner	NASA

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1	0538	20.02.00.0006	20.02		10/5/2007	1		email-Sites 5 and 12 - NASA TSCA Self-Implementing Remediation at Building X-115	Email	5/12		Theodore J. Meyer	NASA	Steve Hirsch, Paul Herman	EPA/VADEQ
1	0539	21.02.00.0017	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/11/2006	194		Remedial Project Managers Meeting Summary - September 2006	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0540	21.02.00.0018	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/1/2007	49		Remedial Project Managers Meeting Summary - March 2007	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0541	21.02.00.0019	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	7/17/2007	76		Remedial Project Managers Meeting Summary - July 2007	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0542	21.02.00.0020	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	11/1/2007	43		Remedial Project Managers Meeting Summary - November 2007	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0543	22.01.00.0011	22.01	Facility-Wide Environmental Reference Documents Correspondence	7/30/2007	11		Letter Work Plan for Archive Search Report Identified Sites, NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Steve Hirsh	EPA
1	0544	22.01.00.0012	22.01	Facility-Wide Environmental Reference Documents Correspondence	12/21/2007	8		Formerly Used Defense Site Project Summary Sheets for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Robert Reali	Norfolk District Corps of Engineers
1	0545	22.02.00.0015	22.02	Facility-Wide Environmental Reference Documents	8/2007	11		Closeout Report Wallops Island Flight Facility DERP FUDS CO3VA0301 Ordnance Disposal Area-D1 Hanger Site Wallops Island, Virginia	Report	13	Boat Basin/Ordnance Disposal Area	John F. Regan	USACE	Steve Hirsh Paul Herman	EPA VADEQ
1	0546	22.02.00.0016	22.02	Facility-Wide Environmental Reference Documents	8/2007	72		Work Plan for Sites 005 and 012 UXO Support UXO Surface Sweep/Intrusive Operations	Report	5	Paint Stain		Tetra Tech NUS, Inc.		NASA
1	0547	22.02.00.0017	22.02	Facility-Wide Environmental Reference Documents	8/2007	210		Health and Safety Plan for Sites 005 and 012 UXO Support UXO Surface Sweep/Intrusive Operations	Report	5	Paint Stain		Tetra Tech NUS, Inc.		NASA
1	0548	01.01.00.0116	01.01	Pre-Remedial Investigation Correspondence	5/21/2008	3	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Site Investigation Report Main Base Firing Range Complex	Letter	PR	Pistol Range	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0549	01.01.00.0117	01.01	Pre-Remedial Investigation Correspondence	5/22/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Response to Comments/Change Pages - Final remedial Investigation Report Sites 005 and 012	Letter	5	Paint Stain	Paul Herman	VADEQ	Carolyn Turner	NASA
1	0550	01.01.00.0118	01.01	Pre-Remedial Investigation Correspondence	6/3/2008	2	Draft	SI for the Firing Range Complex	Letter	PR	Pistol Range	Carolyn Turner	NASA	Dawn Fulsher	EPA
1	0551	05.01.00.0054	05.01	Correspondence	5/20/2008	1	Final	Final Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0552	05.01.00.0055	05.01	Correspondence	5/20/2008	1	Final	Final Record of Decision for the Waste Oil Dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WOD	Waste Oil Dump	Carolyn Turner	NASA	Steven Hirsh	EPA
1	0553	10.01.00.0036	10.01	Correspondence	5/29/2008	1	Final	Site Management Plan for Fiscal Years 2008 and 2009 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0554	10.01.00.0037	10.01	Correspondence	5/29/2008	10		Semi-Annual Progress Report for Fiscal Year 2008 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Steve Hirsh	EPA
1	0555	10.01.00.0038	10.01	Correspondence	5/29/2008	10		Semi-Annual Progress Report for Fiscal Year 2008 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0556	10.05.00.0006	10.05	Federal Facility Negotiations/Site Management Plan	5/1/2008	136		Site Management Plan Fiscal Years 2008 and 2009 NASA Wallops Flight Facility Wallops Island, Virginia	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
1	0557	10.06.00.0005	10.06	EPA Administrative Order	5/29/2008	54		Notification of Change in Wallops Project Coordinator at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Carolyn Turner	NASA	Steve Hirsh	EPA
1	0558	22.02.00.0018	22.02	Facility-Wide Environmental Reference Documents	5/2008	86		Sampling and Analysis Summary Archive Search Reports National Aeronautics and Space Administration Goddard Space Flight Center Wallops Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
1	0559	22.02.00.0019	22.02	Facility-Wide Environmental Reference Documents	6/2008	389		Unexploded Ordnance Clearance Report for Sites 005 and 012 NASA Wallops Flight Facility Wallops Island, Virginia	Report	5	Paint Stain		Tetra Tech NUS, Inc.		NASA

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1	0560	01.01.00.0119	01.01	Pre-Remedial Investigation Correspondence	7/3/2008	2		Proposed Site 4 Supplemental Sampling	Email	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer Steven Hirsh	NASA EPA
1	0561	01.01.00.0120	01.01	Pre-Remedial Investigation Correspondence	7/9/2008	1		Site 4, Island Debris Pile Site Investigation Proposed Additional Sampling	Email	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer Steven Hirsh	NASA EPA
1	0562	01.01.00.0121	01.01	Pre-Remedial Investigation Correspondence	7/15/2008	17	RTC	Draft Main base Firing Range Complex Site Investigation Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0563	01.01.00.0122	01.01	Pre-Remedial Investigation Correspondence	7/15/2008	15	RTC	Draft Main base Firing Range Complex Site Investigation Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	PR	Pistol Range	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0564	01.03.00.0041	01.03	Pre-Remedial Investigation Site Investigation Documents	7/3/2008	4		Proposed additional sampling Site Investigation at Site 4, Island Debris Pile for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter WP	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0565	01.03.00.0042	01.03	Pre-Remedial Investigation Site Investigation Documents	7/3/2008	3		Proposed additional sampling Site Investigation at Site 4, Island Debris Pile for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter WP	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0566	03.01.00.0077	03.01	Remedial Investigation Correspondence	7/15/2008	1		Revisions for the Final sites '5 / 12 Remedial Investigation Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0567	03.01.00.0078	03.01	Remedial Investigation Correspondence	7/15/2008	1		Revisions for the Final sites '5 / 12 Remedial Investigation Report for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0568	03.07.00.0014	03.07	Remedial Investigation (RI) Report	6/1/2008	3311		Sites 005 and 012 Remedial Investigation Report Revision 1, for Sites 005 and 012 National Aeronautics and Space Administration Goddard Space Flight Center Wallops Flight Facility	Report	5	Paint Stain		TtNUS		NASA
1	0569	07.01.00.0001	07.01	Correspondence	6/26/2008	8		Response to Regulatory Comments for the Former Fire Training Area Draft Remedial Design for Land Use Controls and Draft Pilot Study Work Plan for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0570	07.01.00.0002	07.01	Correspondence	6/26/2008	8		Response to Regulatory Comments for the Former Fire Training Area Draft Remedial Design for Land Use Controls and Draft Pilot Study Work Plan for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0571	07.01.00.0003	07.01	Correspondence	7/29/2008	1		NASA Wallops Flight Facility-RTCs to Draft Remedial Design for Land Use Controls, FFTA	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0572	07.01.00.0004	07.01	Correspondence	7/29/2008	1		NASA Wallops Flight Facility-Former Fire Training Area Pilot Study Work Plan RTCs	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0573	10.01.00.0039	10.01	Correspondence	7/8/2008	1		Site Management Plan-Fiscal Years 2008 and 2009	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
1	0574	21.02.00.0021	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/12/2008	8		Remedial Project Managers Meeting Summary - March 12, 2008	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0575	21.02.00.0022	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	4/10/2008	22		Pre Feasibility Study Meeting Summary- April 10, 2008	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
1	0576	22.01.00.0013	22.01	Facility-Wide Environmental Reference Documents Correspondence	7/3/2008	1		Submittal of Well Abandonment Report, for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
1	0577	22.01.00.0014	22.01	Facility-Wide Environmental Reference Documents Correspondence	7/3/2008	32		Submittal of Well Abandonment Report, for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0578	22.02.00.0020	22.02	Facility-Wide Environmental Reference Documents	6/2008	32		Well Abandonment Report NASA Wallops Flight Facility National Aeronautics and Space Administration Goddard Space Flight Center Wallops Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA

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1	0579	06.01.00.0005	06.01	Correspondence	5/9/2008	1		Re: Draft Remedial Design for Land Use Controls for the Fire Fighting Training Area	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Carolyn Turner	NASA
1	0580	05.01.00.0056	05.01	Correspondence	1/9/2008	1	Final	Record of Decision for the Scrapyard Site at NASA Goddard Space Flight Center's Wallops Flight Facility Wallops Island, Virginia	Letter	N-222	Scrapyard	Carolyn Turner	NASA	Paul Herman	VADEQ
1	0581	06.01.00.0006	06.01	Correspondence	7/29/2008	1		NASA Wallops Flight Facility - RTC to Draft Remedial Design for LUC, Former Fire Training Area	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0582	06.01.00.0007	06.01	Correspondence	7/29/2008	1		NASA Wallops Flight Facility - Former Fire Training Area Pilot Study Work Plan RTCs	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0583	06.01.00.0008	06.01	Correspondence	8/22/2008	1	Draft	Regulatory RTCs - Draft Remedial Design for LUCs, Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
1	0584	06.01.00.0009	06.01	Correspondence	8/28/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Draft Pilot Study Work Plan Waste Oil Dump Site - Comments	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0585	06.01.00.0010	06.01	Correspondence	9/2/2008	1		NASA Goddard Space Flight Center Wallops Flight Facility Draft Remedial Design for LUCs for Waste Oil Dump Site- Comments	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0586	06.01.00.0011	06.01	Correspondence	9/12/2008	2	Draft	Pilot Study Work Plan for Waste Oil Dump - Comments	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
1	0587	06.01.00.0012	06.01	Correspondence	9/12/2008	2	Draft	Remedial Design for LUC for Waste Oil Dump - Comments	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
1	0588	06.01.00.0013	06.01	Correspondence	9/29/2008	5	RTC	Waste Oil Dump Draft Pilot Study Work Plan and Draft Remedial Design LUC, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0589	06.01.00.0014	06.01	Correspondence	9/29/2008	5	RTC	Waste Oil Dump Draft Pilot Study Work Plan and Draft Remedial Design LUC, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0590	06.01.00.0015	06.01	Correspondence	10/1/2008	5		ORC MSDS for Waste Oil Dump and Former Fire Training Area Pilot Study Injection Control Permit	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0591	06.01.00.0016	06.01	Correspondence	10/1/2008	3	RTC	RTC for Former Fire Training Area Draft Pilot Study Work Plan and Draft Remedial Design LUC, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0592	06.01.00.0017	06.01	Correspondence	10/7/2008	1	RTC	Waste Oil Dump Remedial Design LUC, NASA Wallops Flight Facility	Email	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0593	06.01.00.0018	06.01	Correspondence	10/7/2008	1	RTC	Waste Oil Dump Pilot Study Work Plan, NASA Wallops Flight Facility	Email	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0594	06.01.00.0019	06.01	Correspondence	10/15/2008	1		Waste Oil Dump Pilot Study, NASA Wallops Flight Facility	Email	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Garth Glenn	Tetra Tech NUS
1	0595	06.01.00.0020	06.01	Correspondence	10/16/2008	2	RTC	Waste Oil Dump Draft Pilot Study Work Plan , NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
1	0596	06.01.00.0021	06.01	Correspondence	10/27/2008	1	Draft	Pilot Study Work Plan for Former Fire Training Area - NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0597	06.01.00.0022	06.01	Correspondence	10/27/2008	1	Draft	Remedial Design for LUCs, Former Fire Training Area - NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
1	0598	06.01.00.0023	06.01	Correspondence	10/31/2008	1	Final	Pilot Study Work Plan and Final Remedial Design for LUC for Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
1	0599	06.01.00.0024	06.01	Correspondence	10/31/2008	1	Final	Pilot Study Work Plan and Final Remedial Design for LUC for Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0600	06.01.00.0025	06.01	Correspondence	10/31/2008	1	Final	Pilot Study Work Plan and Final Remedial Design for LUC for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0601	06.01.00.0026	06.01	Correspondence	10/31/2008	1	Final	Pilot Study Work Plan and Final Remedial Design for LUC for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0602	06.01.00.0027	06.01	Correspondence	12/2/2008	1	Final	Pilot Study Work Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0603	06.01.00.0028	06.01	Correspondence	12/2/2008	1	Final	Remedial Design for LUC for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0604	06.01.00.0029	06.01	Correspondence	12/2/2008	1	Final	Pilot Study Work Plan for Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0605	06.01.00.0030	06.01	Correspondence	12/2/2008	1	Final	Remedial Design for LUC for Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0606	06.01.00.0031	06.01	Correspondence	12/12/2008	1		Waste Oil Dump and Former Fire Training Area Pilot Study Status Update and notification of field changes , NASA Wallops Flight Facility	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh Paul Herman	EPA VDEQ
2	0607	06.01.00.0032	06.01	Correspondence	2/6/2009	1		Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ

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2	0608	06.01.00.0033	06.01	Correspondence	2/6/2009	1		Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0609	06.01.00.0034	06.01	Correspondence	3/5/2009	1		Comments, Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0610	06.01.00.0035	06.01	Correspondence	3/16/2009	2	RTC	Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0611	06.01.00.0036	06.01	Correspondence	4/6/2009	1	RTC	Acceptance, Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0612	06.01.00.0037	06.01	Correspondence	4/14/2009	1	Final	Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0613	06.01.00.0038	06.01	Correspondence	4/14/2009	1	Final	Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0614	06.01.00.0039	06.01	Correspondence	4/15/2009	1	RTC	Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0615	06.04.00.0001	06.04	Work Plans and Progress Reports	10/31/2008	212	Final	Pilot Study Work Plan for Waste Oil Dump, NASA Wallops Flight Facility	WP	WOD	Waste Oil Dump		NASA		VDEQ, EPA
2	0616	06.04.00.0002	06.04	Work Plans and Progress Reports	10/31/2008	173	Final	Pilot Study Work Plan for Former Fire Training Area, NASA Wallops Flight Facility	WP	FFTA	Former Fire Training Area		NASA		VDEQ, EPA
2	0617	06.04.00.0003	06.04	Work Plans and Progress Reports	4/14/2009	15	Final	Free Product Monitoring Plan for the Former Fire Training Area, NASA Wallops Flight Facility	WP	FFTA	Former Fire Training Area		NASA		VDEQ, EPA
2	0618	06.08.00.0001	06.08	Remedial Design Documents	10/31/2008	19	Final	Remedial Design for Land Use Controls Waste Oil Dump, NASA Wallops Flight Facility	Report	WOD	Waste Oil Dump		NASA		VDEQ, EPA
2	0619	06.08.00.0002	06.08	Remedial Design Documents	10/31/2008	19	Final	Remedial Design for Land Use Controls Former Fire Training Area, NASA Wallops Flight Facility	Report	FFTA	Former Fire Training Area		NASA		VDEQ, EPA
2	0620	02.01.00.0010	02.01	Removal Response Correspondence	4/14/2009	1		Development of Cleanup Goals for Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	0621	02.01.00.0011	02.01	Removal Response Correspondence	4/14/2009	1		Development of Cleanup Goals for Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0622	01.01.00.0123	01.01	Pre-Remedial Investigation Correspondence	8/13/2008	2	RTC	Draft Site Investigation Report fro Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0623	01.01.00.0124	01.01	Pre-Remedial Investigation Correspondence	8/22/2008	1	RTC	Draft Site Investigation Report fro Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0624	01.01.00.0125	01.01	Pre-Remedial Investigation Correspondence	9/29/2008	6	RTC	Response to Comments for Draft Site Investigation Report fro Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0625	01.01.00.0126	01.01	Pre-Remedial Investigation Correspondence	9/29/2008	6	RTC	Response to Comments for Draft Site Investigation Report fro Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0626	01.01.00.0127	01.01	Pre-Remedial Investigation Correspondence	10/27/2009	1	RTC	NASA Response to Comment Letter for Draft Site Investigation Report for Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0627	01.01.00.0128	01.01	Pre-Remedial Investigation Correspondence	1/6/2009	1	Final	Site Investigation Report for Main Base Firing Range Complex, NASA Wallops Flight Facility	Email	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0628	01.01.00.0129	01.01	Pre-Remedial Investigation Correspondence	1/8/2009	1	Final	Site Investigation Report for Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0629	01.01.00.0130	01.01	Pre-Remedial Investigation Correspondence	2/13/2009	2		Comments for Draft Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0630	01.01.00.0131	01.01	Pre-Remedial Investigation Correspondence	2/23/2009	2		Comments for Draft Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0631	01.01.00.0132	01.01	Pre-Remedial Investigation Correspondence	3/6/2009	1	Final	Site Investigation Report for Main Base Firing Range Complex, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0632	01.01.00.0133	01.01	Pre-Remedial Investigation Correspondence	3/20/2009	5	RTC	Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	0633	01.01.00.0134	01.01	Pre-Remedial Investigation Correspondence	3/20/2009	5	RTC	Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0634	01.01.00.0135	01.01	Pre-Remedial Investigation Correspondence	3/31/2009	1	RTC	Acceptance for Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0635	01.01.00.0136	01.01	Pre-Remedial Investigation Correspondence	4/24/2009	1	Final	Site Investigation Report for Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0636	01.01.00.0137	01.01	Pre-Remedial Investigation Correspondence	4/28/2009	1	RTC	Acceptance for Site Investigation Report, Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0637	04.01.00.0056	04.01	Feasibility Study (FS) Correspondence	9/4/2008	1		Technical Memorandum Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA		TtNUS
2	0638	04.01.00.0057	04.01	Feasibility Study (FS) Correspondence	10/7/2008	1		Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0639	04.01.00.0058	04.01	Feasibility Study (FS) Correspondence	10/7/2008	1		Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Steven Hirsh	EPA	Theodore J. Meyer	NASA
2	0640	04.01.00.0059	04.01	Feasibility Study (FS) Correspondence	10/8/2009	1		Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0641	04.01.00.0060	04.01	Feasibility Study (FS) Correspondence	1/13/2009	3	Draft	Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0642	04.01.00.0061	04.01	Feasibility Study (FS) Correspondence	1/30/2009	3	Draft	Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0643	04.01.00.0062	04.01	Feasibility Study (FS) Correspondence	3/23/2009	8	RTC	Draft Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0644	04.01.00.0063	04.01	Feasibility Study (FS) Correspondence	3/23/2009	8	RTC	Draft Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0645	04.01.00.0064	04.01	Feasibility Study (FS) Correspondence	3/31/2009	1		Acceptance of Response to Comment for Draft Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0646	04.01.00.0065	04.01	Feasibility Study (FS) Correspondence	4/15/2009	3	RTC	Draft Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0647	05.01.00.0057	05.01	Correspondence	2/10/2009	1	Draft	Decision Document for Archive Search Report Sites, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0648	05.01.00.0058	05.01	Correspondence	3/18/2009	1		Revised Decision Document for Archive Search Report Sites, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0649	05.01.00.0059	05.01	Correspondence	4/21/2009	1	RTC	Decision Document for Archive Search Report Sites, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0650	05.07.00.0009	05.07	Records of Decision	3/18/2009	5		Revised Decision Document for Archive Search Report Sites, NASA Wallops Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0651	07.01.00.0005	07.01	Correspondence	3/26/2009	1	Draft	Draft Remedial Action Work Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0652	07.01.00.0006	07.01	Correspondence	3/26/2009	1	Draft	Remedial Action Work Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0653	10.01.00.0040	10.01	Correspondence	2/10/2009	1	Draft	Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0654	10.01.00.0041	10.01	Correspondence	2/17/2009	1	Draft	Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0655	10.01.00.0042	10.01	Correspondence	3/16/2009	2	RTC	Draft Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J Meyer	NASA	Paul Herman	VADEQ
2	0656	10.01.00.0043	10.01	Correspondence	4/14/2009	1	Final	Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0657	10.01.00.0044	10.01	Correspondence	4/14/2009	1	Final	ite Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA

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2	0658	10.01.00.0045	10.01	Correspondence	4/20/2009	1	RTC	Draft Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0659	10.01.00.0046	10.01	Correspondence	4/24/2009	1	Final	Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0660	10.05.00.0007	10.05	Federal Facility Negotiations/Site Management Plan	4/24/2009	165	Final	Site Management Plan for Fiscal years 2009 and 2010 for NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0661	21.02.00.0023	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/15/2008	9		Remedial Project Managers Meeting Summary - September 2008	Minutes	WFF	General Site-Wide Information	Carolyn Turner	NASA	Project Team	
2	0662	50.02.00.0001	50.02	Repository Correspondence	10/31/2008	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0663	50.02.00.0002	50.02	Repository Correspondence	10/31/2008	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	0664	01.03.00.0043	01.03	Pre-Remedial Investigation Site Investigation Documents	11/1/2008	2510	Final	Final Site Inspection Report for Main Base Firing Range Complex, NASA Wallops Flight Facility	Report	MBFRC	Main Base Firing Range Complex		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	0665	01.03.00.0044	01.03	Pre-Remedial Investigation Site Investigation Documents	2/1/2009	2510	Final	Site Inspection Report - Revision I for Main Base Firing Range Complex, NASA Wallops Flight Facility	Report	MBFRC	Main Base Firing Range Complex		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	0666	01.03.00.0045	01.03	Pre-Remedial Investigation Site Investigation Documents	4/1/2009	252	Final	Site Inspection Report for Site 4 - Island Debris Pile, NASA Wallops Flight Facility	Report	4	Island Debris Pile		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	0667	01.01.00.0138	01.01	Pre-Remedial Investigation Correspondence	8/4/2009	1		email: VDEQ concurrence with the Letter Work Plan for PCE Investigation at Site 9 (issued 7/30/09)	Email	9	Abandoned Drum Field	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0668	02.01.00.0012	02.01	Removal Response Correspondence	5/19/2009	1		Technical Memorandum; Development of Removal Action Cleanup Goals, Site 4, Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	0669	02.01.00.0013	02.01	Removal Response Correspondence	5/19/2009	1		Technical Memorandum; Development of Removal Action Cleanup Goals, Site 4, Island Debris Pile, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0670	02.01.00.0014	02.01	Removal Response Correspondence	5/29/2009	1		MBFR - EE/CA submittal date change	e-mail	MBFRC	Main Base Firing Range Complex	Theodore J. Meyer	NASA	Steven Hirsh Paul Herman	EPA VDEQ
2	0671	02.01.00.0015	02.01	Removal Response Correspondence	5/29/2009	1		MBFR - EE/CA submittal date change	e-mail	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0672	02.01.00.0016	02.01	Removal Response Correspondence	5/29/2009	1		MBFR - EE/CA submittal date change	e-mail	MBFRC	Main Base Firing Range Complex	Steven Hirsh	EPA	Theodore J. Meyer	NASA
2	0673	02.01.00.0017	02.01	Removal Response Correspondence	6/12/2009	3		Technical Memorandum; Development of Removal Action Cleanup Goals, MBFR, Island Debris Pile, NASA Wallops Flight Facility	Letter	MBFRC	Main Base Firing Range Complex	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0674	02.01.00.0018	02.01	Removal Response Correspondence	6/26/2009	9		MBFR Teleconference Summary and Letter Sampling Plan	Letter	MBFRC	Main Base Firing Range Complex	Steven Hirsh	EPA	Theodore J. Meyer	NASA
2	0675	02.01.00.0019	02.01	Removal Response Correspondence	6/26/2009	7		MBFR Teleconference Summary and Letter Sampling Plan	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0676	02.01.00.0020	02.01	Removal Response Correspondence	6/30/2009	1	Comments	MBFR - BTAG comments for Tech Memo for MBFR clean up goals	Letter	MBFRC	Main Base Firing Range Complex	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0677	02.01.00.0021	02.01	Removal Response Correspondence	7/21/2009	2		Draft Development of Removal Action Clean up Goals Site 4, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0678	02.01.00.0022	02.01	Removal Response Correspondence	8/27/2009	1		Summary for Supplemental Soil Sampling at MBFR	Letter	MBFRC	Main Base Firing Range Complex	Steven Hirsh	EPA	Theodore J. Meyer	NASA

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2	0679	02.01.00.0023	02.01	Removal Response Correspondence	8/27/2009	1		Summary for Supplemental Soil Sampling at MBFR	Letter	MBFRC	Main Base Firing Range Complex	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0680	02.02.00.0013	02.02	Removal Response Reports	8/27/2009	31		Summary for Supplemental Soil Sampling at MBFR	Report	MBFRC	Main Base Firing Range Complex		Tetra Tech NUS, Inc.		NASA, EPA, VADEQ
2	0681	04.01.00.0066	04.01	Feasibility Study (FS) Correspondence	5/27/2009	2	RTC	Response to Comment for Draft Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0682	04.01.00.0067	04.01	Feasibility Study (FS) Correspondence	7/15/2009	1	Final	Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0683	04.01.00.0068	04.01	Feasibility Study (FS) Correspondence	7/15/2009	1	Final	Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0684	04.01.00.0069	04.01	Feasibility Study (FS) Correspondence	8/18/2009	2		Comments - Final Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0685	04.01.00.0070	04.01	Feasibility Study (FS) Correspondence	8/25/2009	2		Comments - Final Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0686	04.01.00.0071	04.01	Feasibility Study (FS) Correspondence	9/2/2009	13	RTC	Final Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Memo	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0687	04.01.00.0072	04.01	Feasibility Study (FS) Correspondence	9/2/2009	7	RTC	Final Feasibility Study Sites 005 and 012, NASA Wallops Flight Facility	Memo	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0688	04.01.00.0073	04.01	Feasibility Study (FS) Correspondence	9/8/2009	1		Additional Response to Regulator Comments on NASA RTC Letter Final FS - Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0689	04.01.00.0074	04.01	Feasibility Study (FS) Correspondence	9/22/2009	1		Replacement Pages for Final FS, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0690	04.01.00.0075	04.01	Feasibility Study (FS) Correspondence	9/22/2009	1		Revised Final FS, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0691	04.01.00.0076	04.01	Feasibility Study (FS) Correspondence	9/22/2009	1		Revised Final FS, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0692	04.01.00.0077	04.01	Feasibility Study (FS) Correspondence	9/24/2009	1		Replacement Pages for Final FS, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0693	04.01.00.0078	04.01	Feasibility Study (FS) Correspondence	9/30/2009	1	Draft	PRAP, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0694	04.01.00.0079	04.01	Feasibility Study (FS) Correspondence	9/30/2009	1	Draft	PRAP, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0695	04.07.00.0003	04.07	Feasibility Study (FS) Report	9/22/2009	172		Revised Final Feasibility Study Sites '5 / 12, NASA WFF	Report	5	Paint Stain		Tetra Tech NUS, Inc		NASA
2	0696	05.01.00.0060	05.01	Correspondence	7/30/2009	1	Final	Decision Document for Archive Search Report Sites at NASA WFF	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0697	05.01.00.0061	05.01	Correspondence	7/30/2009	1	Final	Decision Document for Archive Search Report Sites at NASA WFF	Letter	WFF	General Site-Wide Information	Steven Hirsh	EPA	Theodore J. Meyer	NASA
2	0698	05.07.00.0010	05.07	Records of Decision	6/17/2009	102	Final	Decision Document for Archive Search Report Sites at NASA WFF	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0699	07.01.00.0007	07.01	Correspondence	5/5/2009	1	Draft	LTM Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0700	07.01.00.0008	07.01	Correspondence	5/5/2009	1	Draft	LTM Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0701	07.01.00.0009	07.01	Correspondence	5/21/2009	1		Comments - Draft Remedial Action Work Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0702	07.01.00.0010	07.01	Correspondence	6/8/2009	2		Comments - Draft LTM Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0703	07.01.00.0011	07.01	Correspondence	6/10/2009	2		Comments - Draft LTM Plan for Waste Oil Dump, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0704	07.01.00.0012	07.01	Correspondence	6/12/2009	2		Comments - Pilot Study Report FFTA, NASA WFF	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0705	07.01.00.0013	07.01	Correspondence	7/20/2009	2		Letter Work Plan and Response to Comments on the Pilot Study Report for the FFTA at NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0706	07.01.00.0014	07.01	Correspondence	7/20/2009	4		Letter Work Plan and Response to Comments on the Pilot Study Report for the FFTA at NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	0707	07.01.00.0015	07.01	Correspondence	7/21/2009	3		Response to Regulatory Comments for the Draft Remedial Action Work Plan for WOD, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0708	07.01.00.0016	07.01	Correspondence	7/21/2009	3		Response to Regulatory Comments for the Draft Remedial Action Work Plan for WOD, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0709	07.01.00.0017	07.01	Correspondence	7/31/2009	1		Response to Comments - FFTA, Pilot Study Report and Letter Work Plan for additional sampling, NASA WFF	e-mail	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0710	07.01.00.0018	07.01	Correspondence	8/4/2009	1		Response to Comments - FFTA, Pilot Study Report, NASA WFF	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0711	07.01.00.0019	07.01	Correspondence	8/19/2009	1		Response to Comment - Draft Remedial Action Work Plan, Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0712	07.01.00.0020	07.01	Correspondence	8/26/2009	1		Response to Comment - Draft Remedial Action Work Plan, Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0713	07.01.00.0021	07.01	Correspondence	8/28/2009	2	Draft	Long term monitoring Plan for the Waste Oil Dump, NASA WF	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0714	07.01.00.0022	07.01	Correspondence	9/8/2009	1	RTC	Additional Response to Regulatory Comments on NASA Response to Comments Letter, Draft remedial Action Work Plan for Waste oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0715	07.01.00.0023	07.01	Correspondence	9/29/2009	10	RTC	Draft Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0716	07.01.00.0024	07.01	Correspondence	9/30/2009	1	Draft	Proposed Remedial Action Plan, Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0717	07.01.00.0025	07.01	Correspondence	9/30/2009	1	Final	Remedial Action Work Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0718	07.01.00.0026	07.01	Correspondence	9/30/2009	1	Final	Remedial Action Work Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0719	07.01.00.0027	07.01	Correspondence	9/30/2009	1	Final	Remedial Action Work Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0720	07.01.00.0028	07.01	Correspondence	10/1/2009	1	RTC	Draft Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0721	07.01.00.0029	07.01	Correspondence	10/14/2009	1	Final	Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0722	07.01.00.0030	07.01	Correspondence	10/14/2009	1	Final	Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0723	07.01.00.0031	07.01	Correspondence	10/14/2009	1	Final	Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0724	07.04.00.0001	07.04	Work Plans and Progressive Reports	9/30/2009	385	Final	Remedial Action Work Plan, Waste Oil Dump, NASA WFF	WP	WOD	Waste Oil Dump		Tetra Tech Nus, Inc.	NASA	
2	0725	07.04.00.0002	07.04	Work Plans and Progressive Reports	10/14/2009	168	Final	Long Term Monitoring Plan, Waste Oil Dump, NASA WFF	WP	WOD	Waste Oil Dump		Tetra Tech Nus, Inc.	NASA	
2	0726	07.08.00.0001	07.08	Remedial Action Documents	7/1/2009	295	Final	Pilot Study Report, FFTA, NASA WFF	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
2	0727	01.03.00.0046	01.03	Pre-Remedial Investigation Site Investigation Documents	7/30/2009	3	Final	Work Plan, Additional Site Investigation Activities Main Base PCE Occurrence for NASA WFF	WP	9	Abandoned Drum Field		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	0728	10.01.00.0047	10.01	Correspondence	6/1/2009	1		Semi-Annual Progress Report for Fiscal Year 2009 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	0729	10.01.00.0048	10.01	Correspondence	6/1/2009	1		Semi-Annual Progress Report for Fiscal Year 2009 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0730	10.05.00.0008	10.05	Federal Facility Negotiations/Site Management Plan	6/1/2009	28		Semi-Annual Progress Report for Fiscal Year 2009 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0731	06.04.00.0004	06.04	Work Plans and Progress Reports	7/20/2009	5	Final	Letter Work Plan for Additional Groundwater Investigation Activities, FFTA, NASA WFF	WP	FFTA	Former Fire Training Area		NASA		VDEQ, EPA
2	0732	21.02.00.0024	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/5/2008	73		Remedial Project Managers Meeting Summary - June 2008	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0733	21.02.00.0025	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/10/2008	41		Remedial Project Managers Meeting Summary - December 2008	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	

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2	0734	21.02.00.0026	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/25/2009	85		Remedial Project Managers Meeting Summary - March 2009	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0735	02.01.00.0024	02.01	Removal Response Correspondence	10/30/2009	1	Draft	EE/CA for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	0736	02.01.00.0025	02.01	Removal Response Correspondence	10/30/2009	1	Draft	EE/CA for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0737	02.01.00.0026	02.01	Removal Response Correspondence	12/14/2009	2	Draft	EE/CA for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0738	02.01.00.0027	02.01	Removal Response Correspondence	10/30/2009	1	Draft	EE/CA for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0739	02.01.00.0028	02.01	Removal Response Correspondence	12/23/2009	5	Draft	EE/CA for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0740	02.01.00.0029	02.01	Removal Response Correspondence	1/5/2010	1	Draft	Action Memorandum for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0741	02.01.00.0030	02.01	Removal Response Correspondence	1/5/2010	1	Draft	Action Memorandum for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	0742	02.01.00.0031	02.01	Removal Response Correspondence	1/5/2010	1	Draft	Action Memorandum for Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0743	02.01.00.0032	02.01	Removal Response Correspondence	2/4/2010	2	RTC	Draft EE/CA for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0744	02.01.00.0033	02.01	Removal Response Correspondence	2/4/2010	63	RTC	Draft EE/CA for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0745	02.01.00.0034	02.01	Removal Response Correspondence	2/4/2010	63	RTC	Draft EE/CA for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	0746	02.01.00.0035	02.01	Removal Response Correspondence	2/9/2010	1	RTC	December 23, 2009 for the Draft EE/CA for Site 4 NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0747	02.01.00.0036	02.01	Removal Response Correspondence	2/10/2010	2		VADEQ Acceptance of Response to Comments for EE/CA for Site 4 NASA WFF	e-mail	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0748	04.01.00.0080	04.01	Feasibility Study (FS) Correspondence	10/19/2009	1	RTC	Final Feasibility Study - Site 5 and Site 12	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0749	04.01.00.0081	04.01	Feasibility Study (FS) Correspondence	10/30/2009	2		Additional Comments for Draft PRAP, Site 5 and Site 12	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0750	04.01.00.0082	04.01	Feasibility Study (FS) Correspondence	1/25/2010	1	RTC	VDEQ Comments on the Draft PRAP and Draft-Final PRAP for Site	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0751	04.01.00.0083	04.01	Feasibility Study (FS) Correspondence	2/9/2010	1	RTC	Final PRAP for Site 5 and Site 12	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0752	04.01.00.0084	04.01	Feasibility Study (FS) Correspondence	2/9/2010	1	RTC	Final PRAP for Site 5 and Site 12	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0753	07.01.00.0032	07.01	Correspondence	10/19/2009	2		Acceptance of VDEQ Request for Final Remedial Action Work Plan for Waste Oil Dump, NASA WFF	Email	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0754	07.01.00.0033	07.01	Correspondence	10/19/2009	2		Acceptance of VDEQ Request for Final Remedial Action Work Plan for Waste Oil Dump, NASA WFF	Email	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0755	07.01.00.0034	07.01	Correspondence	10/20/2009	1		Acceptance of Final Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0756	07.01.00.0035	07.01	Correspondence	12/1/2009	1	Draft	Data Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0757	07.01.00.0036	07.01	Correspondence	12/1/2009	1	Draft	Data Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0758	07.01.00.0037	07.01	Correspondence	12/1/2009	1	Draft	Data Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0759	07.01.00.0038	07.01	Correspondence	12/9/2009	1		Acceptance of Final Long Term Monitoring Plan for Waste Oil Dump, NASA WFF	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0760	07.01.00.0039	07.01	Correspondence	12/17/2009	2		Comments on Draft Data Summary Report for Additional Groundwater Investigation Activities, NASA WFF	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0761	07.01.00.0040	07.01	Correspondence	1/12/2010	1	RTC	Revised PRAP for Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0762	07.01.00.0041	07.01	Correspondence	1/12/2010	8	RTC	Revised PRAP for Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0763	07.01.00.0042	07.01	Correspondence	1/12/2010	8	RTC	Revised PRAP for Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	0764	07.01.00.0043	07.01	Correspondence	1/26/2010	2		Summary of Teleconference for Sites '5 / 12, NASA WFF	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0765	07.01.00.0044	07.01	Correspondence	1/26/2010	2		Summary of Teleconference for Sites '5 / 12, NASA WFF	Email	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0766	07.01.00.0045	07.01	Correspondence	2/9/2010	2		Comments for Draft Data Summary Report for Additional Groundwater Investigation at the FFTA, NASA WFF	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0767	10.01.00.0049	10.01	Correspondence	12/1/2009	1	Draft	SMP for Fiscal Years 2010 and 2011, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0768	10.01.00.0050	10.01	Correspondence	12/1/2009	1	Draft	SMP for Fiscal Years 2010 and 2011, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0769	10.01.00.0051	10.01	Correspondence	12/1/2009	1	Draft	SMP for Fiscal Years 2010 and 2011, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0770	10.01.00.0052	10.01	Correspondence	1/11/2010	1		Comments on Draft SMP for FY 2010 and 2011	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0771	10.01.00.0053	10.01	Correspondence	2/9/2010	1		Acceptance of Draft SMP for FY 2010 and 2011	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0772	10.06.00.0006	10.06	EPA Administrative Order	1/11/2010	1		List of Contractors and Subcontractors per Administrative Agreement on Consent, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0773	10.06.00.0007	10.06	EPA Administrative Order	1/11/2010	5		List of Contractors and Subcontractors per Administrative Agreement on Consent, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	0774	21.02.00.0027	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/16/2009	32		Remedial Project Managers Meeting Summary - June 2009	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0775	21.02.00.0028	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/2/2009	106		Remedial Project Mangers Meeting Summary - September 2009	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0776	10.01.00.0054	10.01	Correspondence	2/12/2010	2	RTC	Site Management Plan for FY 2010 and 2011	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0777	10.01.00.0055	10.01	Correspondence	2/12/2010	1	RTC	Site Management Plan for FY 2010 and 2012	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0778	04.08.00.0004	04.08	FS Proposed Plans for Selected Remedial Action	2/5/2010	15		PRAP for Site 5 - Paint Stain and Site 12 - Former Wind Tunnel	PRAP	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0779	02.02.00.0014	02.02	Removal Response Reports	2/12/2010	108	Final	Engineering Evaluation/Cost Analysis (EE/CA) Non-Time Critical Removal Action for Soil Site 4 - Island Debris Pile	Report	4	Island Debris Pile		Tetra Tech NUS, Inc.		NASA, EPA, VADEQ
2	0780	01.01.00.0139	01.01	Pre-Remedial Investigation Correspondence	8/19/2009	1		Lead Sampling Results, Main Base Firing Range (MNFR) Complex	Letter	MBFRC	Main Base Firing Range Complex	Garth Glenn	Tetra Tech NUS	Theodore J. Meyer	NASA
2	0781	01.01.00.0140	01.01	Pre-Remedial Investigation Correspondence	6/24/2010	1		RE: Draft Meeting Minutes for May 7, 2010 Teleconference on Wallops Island South End Disposal Area	Email	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer Steven Hirsh Dawn Fulsher	NASA EPA EPA
2	0782	01.01.00.0141	01.01	Pre-Remedial Investigation Correspondence	2/7/2011	1		Site Specific Report for South End disposal Area at NASA	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0783	01.01.00.0142	01.01	Pre-Remedial Investigation Correspondence	2/7/2011	1		Site Specific Report for South End disposal Area at NASA	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0784	01.01.00.0143	01.01	Pre-Remedial Investigation Correspondence	2/7/2011	1		Site Specific Report for South End disposal Area at NASA	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0785	01.01.00.0144	01.01	Pre-Remedial Investigation Correspondence	5/10/2011	1	Draft	Preliminary Assessment for South End Disposal Area	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0786	01.03.00.0047	01.03	Pre-Remedial Investigation Site Investigation Documents	8/15/2009	31		Summary Report, Main Base Firing Range (MBFR) Complex - Skeet Range : Lead Follow-up soil Sampling	Report	MBFRC	Main Base Firing Range Complex		Tetra Tech NUS, Inc. (TtNUS)		NASA

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2	0787	02.01.00.0037	02.01	Removal Response Correspondence	2/18/2010	1	Final	Engineering Evaluation/Cost Analysis for Site 4, Island Debris Pile	letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0788	02.01.00.0038	02.01	Removal Response Correspondence	2/18/2010	1	Final	Engineering Evaluation/Cost Analysis for Site 4, Island Debris Pile	letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0789	02.01.00.0039	02.01	Removal Response Correspondence	2/18/2010	1	Final	Engineering Evaluation/Cost Analysis for Site 4, Island Debris Pile	letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0790	02.01.00.0040	02.01	Removal Response Correspondence	3/2/2010	1	Final	Engineering Evaluation and Cost Estimate (EE/CA) for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0791	02.01.00.0041	02.01	Removal Response Correspondence	3/2/2010	2	Draft	Action Memo, Non-Time Critical Removal Action for Soil for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0792	02.01.00.0042	02.01	Removal Response Correspondence	3/10/2010	1	Final	Engineering Evaluation and Cost Analysis, Site 4 - Island Debris Pile	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0793	02.01.00.0043	02.01	Removal Response Correspondence	3/30/2010	2	Final	Action Memorandum for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0794	02.01.00.0044	02.01	Removal Response Correspondence	3/30/2010	2	Final	Action Memorandum for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0795	02.01.00.0045	02.01	Removal Response Correspondence	3/30/2010	2	Final	Action Memorandum for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0796	02.01.00.0046	02.01	Removal Response Correspondence	4/12/2010	1	Draft	Removal Action Work Plan for Site 4, Island Debris Pile	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0797	02.01.00.0047	02.01	Removal Response Correspondence	4/12/2010	1	Draft	Removal Action Work Plan for Site 4, Island Debris Pile	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0798	02.01.00.0048	02.01	Removal Response Correspondence	4/12/2010	1	Draft	Removal Action Work Plan for Site 4, Island Debris Pile	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0799	02.01.00.0049	02.01	Removal Response Correspondence	6/1/2010	2	Draft	Removal Action Work Plan for Site 4, Island Debris Pile	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0800	02.01.00.0050	02.01	Removal Response Correspondence	6/30/2010	1	Draft	Site Removal Action Work Plan Non-Time-Critical Removal Action for Soil Site 4 - Island Debris Pile	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0801	02.01.00.0051	02.01	Removal Response Correspondence	7/1/2010	1		EPA Comments - Site 4 Island Debris Pile RAWP	e-mail	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0802	02.01.00.0052	02.01	Removal Response Correspondence	7/2/2010	1	RTC	Draft Removal Action Work Plan for Site 4 - Island Debris Pile at NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0803	02.01.00.0053	02.01	Removal Response Correspondence	7/2/2010	1	RTC	Draft Removal Action Work Plan for Site 4 - Island Debris Pile at NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0804	02.01.00.0054	02.01	Removal Response Correspondence	7/2/2010	1	RTC	Draft Removal Action Work Plan for Site 4 - Island Debris Pile at NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0805	02.01.00.0055	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0806	02.01.00.0056	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0807	02.01.00.0057	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0808	02.01.00.0058	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0809	02.01.00.0059	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0810	02.01.00.0060	02.01	Removal Response Correspondence	7/21/2010	1	Final	Removal Action Work Plan for Site 4, Island Debris Pile, WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0811	02.01.00.0061	02.01	Removal Response Correspondence	3/17/2011	2	Addendum	Removal Action Work Plan for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0812	02.01.00.0062	02.01	Removal Response Correspondence	3/17/2011	5	Addendum	Removal Action Work Plan Addendum for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0813	02.01.00.0063	02.01	Removal Response Correspondence	3/17/2011	2	Addendum	Removal Action Work Plan Addendum for Site 4 - Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0814	02.01.00.0064	02.01	Removal Response Correspondence	3/23/2011	1	Addendum	Removal Action Work Plan Addendum - Pre-construction Sampling, Site 4 - Island Debris Pile	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0815	02.02.00.0015	02.02	Removal Response Reports	7/1/2010	114	Final	Removal Action Work Plan - Non-time-critical Action for Soil, Site 4 - Island Debris Pile	Report	4	Island Debris Pile		Tetra Tech NUS, Inc.		NASA, EPA, VADEQ
2	0816	02.03.00.0002	02.03	Removal Response CERCLA Removal Site Record	4/1/2010	134	Final	Action Memorandum, Non-Time-Critical Removal Action for Soil, NASA WFF	Action Memo	4	Island Debris Pile		Tetra Tech NUS, Inc.		NASA, EPA, VADEQ

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2	0817	05.01.00.0062	05.01	Correspondence	3/8/2010	1	Draft	Record of Decision for Sites '5 / 12, WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0818	05.01.00.0063	05.01	Correspondence	3/8/2010	1	Draft	Record of Decision for Sites '5 / 12, WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0819	05.01.00.0064	05.01	Correspondence	3/8/2010	1	Draft	Record of Decision for Sites '5 / 12, WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0820	05.01.00.0065	05.01	Correspondence	4/9/2010	3	Draft	Record of Decision, Site 5 - Paint Stain and Site 12 - Former Wind Tunnel	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0821	05.01.00.0066	05.01	Correspondence	7/14/2010	1	RTC	VDEQ Comments, Draft Record of Decision - Site 5 Paint Stain and Site 12 Former Wind Tunnel	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0822	05.01.00.0067	05.01	Correspondence	7/16/2010	2	Draft	Final Record of Decision of Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0823	05.01.00.0068	05.01	Correspondence	7/16/2010	2	Draft	Final Record of Decision of Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0824	05.01.00.0069	05.01	Correspondence	8/24/2010	4		Sites '5 / 12, ROD Sections	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0825	05.01.00.0070	05.01	Correspondence	8/24/2010	2		Sites '5 / 12, ROD Sections	Email	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0826	05.01.00.0071	05.01	Correspondence	8/24/2010	2		Sites '5 / 12, ROD Sections	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0827	05.01.00.0072	05.01	Correspondence	8/25/2010	3		Sites '5 / 12, ROD Sections	Email	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0828	05.01.00.0073	05.01	Correspondence	8/26/2010	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Garth Glenn	Tetra Tech NUS	Theodore J. Meyer	NASA
2	0829	05.01.00.0074	05.01	Correspondence	9/13/2010	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Durwood Willis	VADEQ	Ronald Borsellina	EPA
2	0830	05.01.00.0075	05.01	Correspondence	5/26/2011	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0831	05.01.00.0076	05.01	Correspondence	5/26/2011	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0832	05.01.00.0077	05.01	Correspondence	5/26/2011	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0833	01.03.00.0048	01.03	Pre-Remedial Investigation Site Investigation Documents	1/1/2011	146	Final	South End Disposal Area - Site Specific Report	Report	SEDA	South End Disposal Area		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	0834	07.01.00.0046	07.01	Correspondence	2/9/2010	1		Sites '5 / 12 PRAP	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0835	07.01.00.0047	07.01	Correspondence	2/9/2010	1		FFTA March Sampling Letter	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0836	07.01.00.0048	07.01	Correspondence	3/15/2010	1	Final	proposed remedial action plan for sties '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0837	07.01.00.0049	07.01	Correspondence	3/15/2010	1	Final	proposed remedial action plan for sties '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0838	07.01.00.0050	07.01	Correspondence	3/15/2010	1	Final	proposed remedial action plan for sties '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0839	07.01.00.0051	07.01	Correspondence	3/23/2010	1		RRTA RTC Draft Data summary report for additional groundwater sampling activities	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0840	07.01.00.0052	07.01	Correspondence	3/23/2010	1		RRTA RTC Draft Data summary report for additional groundwater sampling activities	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0841	07.01.00.0053	07.01	Correspondence	3/23/2010	2		RRTA RTC Draft Data summary report for additional groundwater sampling activities	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0842	07.01.00.0054	07.01	Correspondence	3/23/2010	2		RRTA RTC Draft Data summary report for additional groundwater sampling activities	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Garth Glenn	Tetra Tech NUS
2	0843	07.01.00.0055	07.01	Correspondence	4/12/2010	1	Final	Data Summary Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0844	07.01.00.0056	07.01	Correspondence	4/12/2010	1	Final	Data Summary Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0845	07.01.00.0057	07.01	Correspondence	4/12/2010	1	Final	Data Summary Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ

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2	0846	07.01.00.0058	07.01	Correspondence	4/28/2010	1	Draft	long Term Monitoring Plan for FFTA at WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0847	07.01.00.0059	07.01	Correspondence	4/28/2010	1	Draft	long Term Monitoring Plan for FFTA at WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0848	07.01.00.0060	07.01	Correspondence	4/28/2010	1	Draft	long Term Monitoring Plan for FFTA at WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0849	07.01.00.0061	07.01	Correspondence	6/1/2010	1	Final	Summary Report for Additional Groundwater Investigation - FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0850	07.01.00.0062	07.01	Correspondence	6/8/2010	1	Draft	Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0851	07.01.00.0063	07.01	Correspondence	6/8/2010	1	Draft	Data Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0852	07.01.00.0064	07.01	Correspondence	6/8/2010	1	Draft	Data Summary Report for the Former Fire Training Area, NASA WFF	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0853	07.01.00.0065	07.01	Correspondence	6/8/2010	1	Draft	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0854	07.01.00.0066	07.01	Correspondence	6/8/2010	1	Draft	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0855	07.01.00.0067	07.01	Correspondence	6/8/2010	1	Draft	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0856	07.01.00.0068	07.01	Correspondence	6/11/2010	2	Draft	Long Term Monitoring Report - FFTA	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0857	07.01.00.0069	07.01	Correspondence	6/11/2010	1	Final	Data Summary Report for Additional Groundwater Investigation - FFTA	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0858	07.01.00.0070	07.01	Correspondence	6/15/2010	2	Draft	Long Term Monitoring Plan - Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0859	07.01.00.0071	07.01	Correspondence	7/1/2010	1	RTC	Long Term Monitoring Plan for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0860	07.01.00.0072	07.01	Correspondence	7/1/2010	1	RTC	Long Term Monitoring Plan for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0861	07.01.00.0073	07.01	Correspondence	7/1/2010	1	RTC	Long Term Monitoring Plan for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0862	07.01.00.0074	07.01	Correspondence	7/16/2010	2	Draft	Final Record of Decision for Sites '5 / 12 at NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0863	07.01.00.0075	07.01	Correspondence	7/19/2010	2	Draft	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0864	07.01.00.0076	07.01	Correspondence	7/19/2010	2	Draft	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0865	07.01.00.0077	07.01	Correspondence	7/22/2010	1		Data Summary Report for Additional Groundwater Sampling - Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0866	07.01.00.0078	07.01	Correspondence	8/6/2010	2	Final	Long Term Monitoring Plan for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0867	07.01.00.0079	07.01	Correspondence	8/6/2010	2	Final	Long Term Monitoring Plan for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0868	07.01.00.0080	07.01	Correspondence	8/6/2010	2	Final	Long Term Monitoring Plan for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0869	07.01.00.0081	07.01	Correspondence	8/16/2010	1	Final	Removal Action Work Plan for non-time critical removal action for soil - Site 4 - Island Debris Pile	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0870	07.01.00.0082	07.01	Correspondence	8/18/2010	1	Final	Data Summary Report for Additional Groundwater Investigation - FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0871	07.01.00.0083	07.01	Correspondence	8/18/2010	1	Final	Data Summary Report for Additional Groundwater Investigation - FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0872	07.01.00.0084	07.01	Correspondence	8/18/2010	1	Final	Data Summary Report for Additional Groundwater Investigation - FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0873	07.01.00.0085	07.01	Correspondence	8/18/2010	1		Data Summary Report for 6-month post-injection sampling at Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0874	07.01.00.0086	07.01	Correspondence	8/18/2010	1		Data Summary Report for 6-month post-injection sampling at Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0875	07.01.00.0087	07.01	Correspondence	8/18/2010	1		Data Summary Report for 6-month post-injection sampling at Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA

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2	0876	07.01.00.0088	07.01	Correspondence	8/26/2010	1		Final Long Term Monitoring Plan - Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0877	07.01.00.0089	07.01	Correspondence	12/10/2010	1		Data Summary Report for Sept 1010 Groundwater Investigation at the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0878	07.01.00.0090	07.01	Correspondence	12/10/2010	1		Data Summary Report for Sept 1010 Groundwater Investigation at the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0879	07.01.00.0091	07.01	Correspondence	12/10/2010	1		Data Summary Report for Sept 1010 Groundwater Investigation at the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0880	07.01.00.0092	07.01	Correspondence	12/13/2010	1		Draft Remedial Action Completion Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0881	07.01.00.0093	07.01	Correspondence	12/30/2010	1		Data Summary Report for the September 2010 Groundwater Investigation at the WOD Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0882	07.01.00.0094	07.01	Correspondence	12/30/2010	1		Data Summary Report for the September 2010 Groundwater Investigation at the WOD Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0883	07.01.00.0095	07.01	Correspondence	12/30/2010	1		Data Summary Report for the September 2010 Groundwater Investigation at the WOD Site	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0884	07.01.00.0096	07.01	Correspondence	1/24/2011	4		WOD RACR RTCs	Email	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0885	07.01.00.0097	07.01	Correspondence	1/28/2011	1	RTC	VDEQ comments on Draft Remedial Action Completion Report for Waste Oil Dump Site.	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0886	07.01.00.0098	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0887	07.01.00.0099	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0888	07.01.00.0100	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0889	07.01.00.0101	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0890	07.01.00.0102	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0891	07.01.00.0103	07.01	Correspondence	3/16/2011	1		Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0892	10.01.00.0056	10.01	Correspondence	5/23/2011	19	RTC	Draft Site Management Plan for Fiscal Years 2011 and 2012.	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0893	10.01.00.0057	10.01	Correspondence	5/23/2011	19	RTC	Draft Site Management Plan for Fiscal Years 2011 and 2012.	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0894	10.01.00.0058	10.01	Correspondence	5/23/2011	2	RTC	Draft Site Management Plan for Fiscal Years 2011 and 2012.	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0895	07.01.00.0104	07.01	Correspondence	3/31/2011	1		NASA RTC to EPA's comments on the Draft Remedial Action Completion Report = WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0896	07.01.00.0105	07.01	Correspondence	3/31/2011	1		NASA RTC to EPA's comments on the Draft Remedial Action Completion Report = WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0897	07.01.00.0106	07.01	Correspondence	3/31/2011	1		NASA RTC to EPA's comments on the Draft Remedial Action Completion Report = WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0898	07.01.00.0107	07.01	Correspondence	3/31/2011	1	Final	Long Term Monitoring Plan Report for the FFTA	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0899	07.01.00.0108	07.01	Correspondence	4/6/2011	1	Final	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0900	07.01.00.0109	07.01	Correspondence	4/6/2011	1	Final	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0901	07.01.00.0110	07.01	Correspondence	4/6/2011	1	Final	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0902	07.01.00.0111	07.01	Correspondence	4/14/2011	1		Annual Groundwater Monitoring Report- Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0903	07.01.00.0112	07.01	Correspondence	5/1/2011	1		Remedial Action Completion Report for the FFTA at NASA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ

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2	0904	07.01.00.0113	07.01	Correspondence	5/1/2011	1		Remedial Action Completion Report for the FFTA at NASA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0905	07.01.00.0114	07.01	Correspondence	5/1/2011	1		Remedial Action Completion Report for the FFTA at NASA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0906	07.01.00.0115	07.01	Correspondence	6/22/2011	1		Data Summary Report of the March 2011 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0907	07.01.00.0116	07.01	Correspondence	6/22/2011	1		Data Summary Report of the March 2011 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0908	07.01.00.0117	07.01	Correspondence	6/22/2011	1		Data Summary Report of the March 2011 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0909	07.01.00.0118	07.01	Correspondence	6/22/2011	1		Data Summary Report for the March 2011 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0910	07.01.00.0119	07.01	Correspondence	6/22/2011	1		Data Summary Report for the March 2011 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0911	07.01.00.0120	07.01	Correspondence	6/22/2011	1		Data Summary Report for the March 2011 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0912	07.01.00.0121	07.01	Correspondence	6/22/2010	1		Revisions for Draft Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0913	07.01.00.0122	07.01	Correspondence	6/22/2010	1		Revisions for Draft Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0914	07.01.00.0123	07.01	Correspondence	6/22/2010	1		Revisions for Draft Annual Groundwater Monitoring Report for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0915	05.01.00.0078	05.01	Correspondence	7/22/2010	7	Draft	Final ROD Sites '5 / 12 text changes	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0916	07.08.00.0002	07.08	Remedial Action Documents	4/1/2010	317	Final	Data Summary Report- Additional Groundwater Investigation Activities - FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
2	0917	07.08.00.0003	07.08	Remedial Action Documents	8/1/2010	200	Draft	Summary Report for 6-month post injection sampling at WOD	Report	WOD	Waste Oil Dump		Tetra Tech NUS, Inc.		NASA
2	0918	07.08.00.0004	07.08	Remedial Action Documents	8/1/2010	218	Final	Data Summary Report - Former Fire Training Area	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
2	0919	07.08.00.0005	07.08	Remedial Action Documents	12/1/2010	256		Data Summary Report for September 2010 Groundwater Sampling Event - WOD	Report	WOD	Waste Oil Dump		Tetra Tech NUS, Inc.		NASA
2	0920	07.08.00.0006	07.08	Remedial Action Documents	12/1/2010	498		Data Summary Report for September 2010 Groundwater Sampling Event - FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
2	0921	07.08.00.0007	07.08	Remedial Action Documents	4/1/2011	92		Remedial Action Completion Report for Waste Oil Dump Site	Report	WOD	Waste Oil Dump		Tetra Tech NUS, Inc.		NASA
2	0922	07.08.00.0008	07.08	Remedial Action Documents	6/1/2011	163		Data Summary Report for March 2011 Groundwater Monitoring at FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech NUS, Inc.		NASA
2	0923	10.01.00.0059	10.01	Correspondence	2/23/2010	1	Final	Site Management Plan for Fiscal Years 2010 and 2011, WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0924	10.01.00.0060	10.01	Correspondence	2/23/2010	1	Final	Site Management Plan for Fiscal Years 2010 and 2011, WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0925	10.01.00.0061	10.01	Correspondence	2/23/2010	1	Final	Site Management Plan for Fiscal Years 2010 and 2011, WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0926	10.01.00.0062	10.01	Correspondence	3/12/2010	1	Final	Site Management Plan, Fiscal Year 2010 and 2011	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0927	10.01.00.0063	10.01	Correspondence	5/26/2010	1		Semi-Annual Progress Report for Fiscal Year 2010 at NASA	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0928	10.01.00.0064	10.01	Correspondence	5/26/2010	1		Semi-Annual Progress Report for Fiscal Year 2010 at NASA	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0929	10.01.00.0065	10.01	Correspondence	5/26/2010	1		Semi-Annual Progress Report for Fiscal Year 2010 at NASA	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	0930	10.01.00.0066	10.01	Correspondence	12/10/2010	1	Draft	Site Management Plan for Fiscal Years 2011 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0931	10.01.00.0067	10.01	Correspondence	12/10/2010	1	Draft	Site Management Plan for Fiscal Years 2011 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0932	10.01.00.0068	10.01	Correspondence	12/10/2010	1	Draft	Site Management Plan for Fiscal Years 2011 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0933	10.01.00.0069	10.01	Correspondence	1/11/2011	1	Draft	Site Management Plan for FY2011 and 2012	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0934	10.01.00.0070	10.01	Correspondence	2/24/2010	2	Draft	Site Management Plan - Fiscal years 2011 and 2012	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0935	10.01.00.0071	10.01	Correspondence	5/26/2011	1		WFF Site Management Plan	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Flusher	DEQ EPA EPA
2	0936	10.01.00.0072	10.01	Correspondence	5/27/2011	1		WFF Site Management Plan	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0937	10.01.00.0073	10.01	Correspondence	5/31/2011	1		WFF Site Management Plan	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Garth Glenn	Tetra Tech NUS
2	0938	10.01.00.0074	10.01	Correspondence	6/22/2011	19	Final	Site Management Plan for Fiscal Years 2011 and 2012, and Fiscal Year 2012 Semi-annual Progress Report	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0939	10.01.00.0075	10.01	Correspondence	6/22/2011	1	Final	Site Management Plan for Fiscal Years 2011 and 2012, and Fiscal Year 2012 Semi-annual Progress Report	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0940	10.01.00.0076	10.01	Correspondence	6/22/2011	1	Final	Site Management Plan for Fiscal Years 2011 and 2012, and Fiscal Year 2012 Semi-annual Progress Report	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0941	10.05.00.0009	10.05	Federal Facility Negotiations/Site Management Plan	2/1/2010	168		Site Management Plan Fiscal Years 2010 and 2011	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0942	10.05.00.0010	10.05	Federal Facility Negotiations/Site Management Plan	5/1/2010	23		Fiscal Year 2010 - Semi-Annual Progress Report for NASA Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0943	10.05.00.0011	10.05	Federal Facility Negotiations/Site Management Plan	6/1/2011	191		Site Management Plan, Fiscal Years 2011 and 2012	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	0944	10.06.00.0008	10.06	EPA Administrative Order	8/4/2011	1		List of Contractors and Subcontractors per Administrative Agreement on Consent, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	0945	10.06.00.0009	10.06	EPA Administrative Order	8/4/2011	5		List of Contractors and Subcontractors per Administrative Agreement on Consent, NASA WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0946	13.05.00.0006	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	2/25/2010	4		Certificate for publication of advertisement for Public Notice of Site 4 PRAP	Email	4	Island Debris Pile		Gannett Publications		
2	0947	13.05.00.0007	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	3/17/2010	1		Public Notice of Site 4 PRAP	PN	4	Island Debris Pile		Gannett Publications		
2	0948	13.05.00.0008	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	3/18/2010	1		Public Notice of Site 4 PRAP	PN	4	Island Debris Pile		Gannett Publications		

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2	0949	13.06.00.0014	13.06	Fact Sheets	3/17/2010	1		Notice of scheduling of public meeting	Press Release	WFF	General Site-Wide Information		NASA, Public Affairs	Public	
2	0950	21.02.00.0029	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/25/2010	25		Remedial Project Manager's Meeting Agenda and Summary, March 25 and 26 2010	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0951	21.02.00.0030	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	5/27/2010	2		Meeting Minutes for May 27, 2010 Teleconference on Wallops Island South End Disposal Area	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0952	21.02.00.0031	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	7/7/2010	14		Remedial Project Manager's Meeting Minutes and Summary, July 7 and 8 2010	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0953	21.02.00.0032	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/15/2010	20		Remedial Project Manager's Meeting Minutes and Summary, September 15 and 16, 2010	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0954	21.02.00.0033	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/9/2010	54		Remedial Project Manager's Meeting Minutes and Summary, December 9 and 10, 2010	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0955	21.02.00.0034	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/15/2010	14		Remedial Project Manager's Meeting Minutes and Summary, December 15 and 16, 2010	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0956	21.02.00.0035	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	4/6/2011	24		Remedial Project Manager's Meeting Minutes and Summary, April 6 and 7, 2011	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	0957	50.02.00.0003	50.02	Repository Correspondence	6/8/2010	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0958	50.02.00.0004	50.02	Repository Correspondence	6/8/2010	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0959	50.02.00.0005	50.02	Repository Correspondence	6/8/2010	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	0960	01.01.00.0145	01.01	Pre-Remedial Investigation Correspondence	7/14/2011	2		Comments for Draft Preliminary Assessment for the South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0961	01.01.00.0146	01.01	Pre-Remedial Investigation Correspondence	9/23/2011	2		Comments for Draft Preliminary Assessment for the South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0962	01.01.00.0147	01.01	Pre-Remedial Investigation Correspondence	11/22/2011	8		Email: Response to Comments Draft Preliminary Assessment for the South End Disposal Area, NASA Wallops Flight Facility	Memo	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0963	02.01.00.0065	02.01	Removal Response Correspondence	10/12/2011	1		Comments on Draft Construction Completion Report For NTCRA for Soil at Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0964	02.01.00.0066	02.01	Removal Response Correspondence	10/19/2011	2		Comments on Draft Construction Completion Report For NTCRA for Soil at Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0965	02.01.00.0067	02.01	Removal Response Correspondence	11/2/2011	4	RTC	Draft Construction Completion Report For NTCRA for Soil at Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman Dawn Fulsher Steven Hirsh	VADEQ EPA EPA
2	0966	02.01.00.0068	02.01	Removal Response Correspondence	11/16/2011	1	RTC	Draft Construction Completion Report For NTCRA for Soil at Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0967	02.01.00.0069	02.01	Removal Response Correspondence	12/13/2011	1	RTC	Draft Construction Completion Report For NTCRA for Soil at Site 4, Island Debris Pile, NASA WFF	Letter	4	Island Debris Pile	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0968	05.01.00.0079	05.01	Correspondence	10/3/2011	1		Email: Final Revised Record of Decision - Sites '5 / 12	Memo	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0969	05.01.00.0080	05.01	Correspondence	11/2/2011	1	Final	Record of Decision - Sites '5 / 12	Letter	5	Paint Stain	Durwood H. Willis	VADEQ	Ronald Borsellina	EPA
2	0970	05.01.00.0081	05.01	Correspondence	12/14/2011	1	Final	Record of Decision - Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0971	05.01.00.0082	05.01	Correspondence	12/14/2011	1	Final	Record of Decision - Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ

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2	0972	05.01.00.0083	05.01	Correspondence	12/14/2011	1	Final	Record of Decision - Sites '5 / 12, NASA WFF	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0973	05.07.00.0011	05.07	Records of Decision	10/1/2011	80		Record of Decision Site 5 - Paint Stain and Site 12 - Former Wind Tunnel, NASA Wallops Flight Facility Wallops Island, Virginia	Report	5	Paint Stain		Tetra Tech, Inc.		NASA
2	0974	07.01.00.0124	07.01	Correspondence	7/8/2011	2		Comments on Draft Remedial Action Completion Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0975	07.01.00.0125	07.01	Correspondence	9/28/2011	1		Revised Annual Groundwater Monitoring Report for the Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0976	07.01.00.0126	07.01	Correspondence	9/28/2011	1		Revised Annual Groundwater Monitoring Report for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0977	07.01.00.0127	07.01	Correspondence	10/19/2011	3		Email: Response to Comments for the 2010 WOD Annual Groundwater Monitoring Report	Memo	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0978	07.01.00.0128	07.01	Correspondence	10/19/2011	4		Email: Response to Comments for the 2010 FFTA Annual Groundwater Monitoring Report	Memo	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	0979	07.01.00.0129	07.01	Correspondence	10/19/2011	1		Email: Response to Comments for the 2010 WOD Annual Groundwater Monitoring Report	Memo	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0980	07.01.00.0130	07.01	Correspondence	10/19/2011	1		Email: Response to Comments for the 2010 FFTA Annual Groundwater Monitoring Report	Memo	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0981	07.01.00.0131	07.01	Correspondence	10/19/2011	1	Draft	Remedial Action Completion Report for the FFTA	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	0982	07.01.00.0132	07.01	Correspondence	11/7/2011	1		Email: Response to Comments for the 2010 Annual Groundwater Monitoring Report FFTA	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0983	07.01.00.0133	07.01	Correspondence	11/7/2011	1		Email: Response to Comments for the 2010 WOD Annual Groundwater Monitoring Report	Memo	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0984	07.01.00.0134	07.01	Correspondence	11/8/2011	3		Email: Response to Comments for the 2010 FFTA Annual Groundwater Monitoring Report	Memo	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0985	07.01.00.0135	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0986	07.01.00.0136	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0987	07.01.00.0137	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0988	07.01.00.0138	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0989	07.01.00.0139	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0990	07.01.00.0140	07.01	Correspondence	11/21/2011	2		Updated Final Long Term Monitoring Plan for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0991	07.01.00.0141	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0992	07.01.00.0142	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0993	07.01.00.0143	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0994	07.01.00.0144	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0995	07.01.00.0145	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	0996	07.01.00.0146	07.01	Correspondence	11/21/2011	1		2010 Annual Groundwater Monitoring Report for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	0997	07.01.00.0147	07.01	Correspondence	11/29/2011	1	Final	Annual Groundwater Monitoring Report for the Year 2010 WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	0998	07.01.00.0148	07.01	Correspondence	12/5/2011	4		Email: Response to Comments Draft Remedial Action Completion Report for FFTA	Memo	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	0999	07.01.00.0149	07.01	Correspondence	12/5/2011	3		Email: Response to Comments Draft Remedial Action Completion Report for FFTA	Memo	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1000	07.01.00.0150	07.01	Correspondence	12/12/2011	1	RTC	Annual Groundwater Monitoring Report for the Year 2010 FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA

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2	1001	07.01.00.0151	07.01	Correspondence	12/13/2011	1	Final	Remedial Action Completion Report for WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1002	07.01.00.0152	07.01	Correspondence	12/13/2011	1	Final	Annual Groundwater Monitoring Report for the Year 2010 WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1003	07.01.00.0153	07.01	Correspondence	12/14/2011	1	Final	Remedial Action Completion Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1004	07.01.00.0154	07.01	Correspondence	12/14/2011	1	Final	Remedial Action Completion Report for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1005	07.01.00.0155	07.01	Correspondence	12/29/2011	1	Final	Remedial Action Completion Report for FFTA	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1006	07.08.00.0009	07.08	Remedial Action Documents	11/1/2011	168		Updated Long Term Monitoring Plan WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1007	07.08.00.0010	07.08	Remedial Action Documents	11/1/2011	260		Annual Groundwater Monitoring Report for the Year 2010 for WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1008	07.08.00.0011	07.08	Remedial Action Documents	11/1/2011	424		Annual Groundwater Monitoring Report for the Year 2010 at FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1009	07.08.00.0012	07.08	Remedial Action Documents	12/1/2011	22		Remedial Action Completion Report for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1010	10.01.00.0077	10.01	Correspondence	12/5/2011	1	Draft	Site Management Plan for Fiscal Years 2012 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1011	10.01.00.0078	10.01	Correspondence	12/5/2011	1	Draft	Site Management Plan for Fiscal Years 2012 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1012	10.01.00.0079	10.01	Correspondence	12/5/2011	1	Draft	Site Management Plan for Fiscal Years 2012 and 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1013	21.02.00.0036	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/22/2011	19		Remedial Project Manager's Meeting Minutes and Summary, June 22, 2011	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1014	01.01.00.0148	01.01	Pre-Remedial Investigation Correspondence	5/30/2012	1		Transmittal of Draft Final Preliminary Assessment for the South End Disposal Area, NASA Wallops Flight Facility and NASA's Response to Comments to EPA and VDEQ	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1015	01.01.00.0149	01.01	Pre-Remedial Investigation Correspondence	7/3/2012	1	Final	Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1016	01.01.00.0150	01.01	Pre-Remedial Investigation Correspondence	7/3/2012	1	Final	Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1017	01.01.00.0151	01.01	Pre-Remedial Investigation Correspondence	7/3/2012	1	Final	Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1018	01.01.00.0152	01.01	Pre-Remedial Investigation Correspondence	9/11/2012	17	RTC	Final Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1019	01.01.00.0153	01.01	Pre-Remedial Investigation Correspondence	9/12/2012	1	RTC	Response to Comments EPA Acceptance on NASA's response to EPA's comments on the Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Email	SEDA	South End Disposal Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1020	01.01.00.0154	01.01	Pre-Remedial Investigation Correspondence	9/19/2012	1	RTC	VDEQ Acceptance on the Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Email	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1021	01.01.00.0155	01.01	Pre-Remedial Investigation Correspondence	9/19/2012	4	RTC	VDEQ Acceptance on NASA's follow-on response to VDEQs comment.	Email	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1022	01.01.00.0156	01.01	Pre-Remedial Investigation Correspondence	9/28/2012	1	Final	Soil and Groundwater Sampling and Analysis Plan for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1023	01.01.00.0157	01.01	Pre-Remedial Investigation Correspondence	9/28/2012	1	Final	Preliminary Assessment for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1024	01.01.00.0158	01.01	Pre-Remedial Investigation Correspondence	9/28/2012	1	Final	Preliminary Assessment for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1025	01.01.00.0159	01.01	Pre-Remedial Investigation Correspondence	9/28/2012	1	Final	Preliminary Assessment for South End Disposal Area, NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1026	01.02.00.0005	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	9/25/2012	273		Preliminary Assessment Report for South End Disposal Area, Wallops Flight Facility (WFF), National Aeronautics and Space Administration, Wallops Island, Virginia, July 2012	Report	SEDA	South End Disposal Area		Tetra Tech, Inc.		NASA

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2	1027	01.04.00.0007	01.04	Pre-Remedial Investigation Expanded Site Investigation	9/11/2012	8		Transmittal of Final Sampling and Analysis Plan and Response to Comments for South End Disposal Area, Wallops Flight Facility	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1028	06.01.00.0040	06.01	Correspondence	1/27/2012	2		EPA Comments on the Draft Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1029	06.01.00.0041	06.01	Correspondence	1/31/2012	2		VADEQ Comments on the Draft Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1030	06.01.00.0042	06.01	Correspondence	2/28/2012	4		NASA's Response to Comments from EPA and VDEQ Comments on the Draft Remedial Design/Pre-Design Investigation Work Plans for Sites '5 / 12, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1031	06.01.00.0043	06.01	Correspondence	3/5/2012	7		NASA's updated Response to Comments from EPA and VDEQ Comments on the Draft Remedial Design/PreDesign Investigation Work Plans for Sites '5 / 12, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1032	06.01.00.0044	06.01	Correspondence	3/12/2012	3	RTC	VDEQ Acceptance on the Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1033	06.01.00.0045	06.01	Correspondence	3/22/2012	1	Final	Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1034	06.01.00.0046	06.01	Correspondence	3/22/2012	1	Final	Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1035	06.01.00.0047	06.01	Correspondence	3/22/2012	1	Final	Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1036	06.01.00.0048	06.01	Correspondence	4/6/2012	1		VDEQ considers the Final Remedial Design Work Plan for Sites '5 / 12 to be final, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1037	06.01.00.0049	06.01	Correspondence	5/30/2012	1		Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Robert Cole	U.S. Army Corps of Engineers
2	1038	06.01.00.0050	06.01	Correspondence	5/30/2012	1		Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1039	06.01.00.0051	06.01	Correspondence	5/30/2012	1		Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1040	06.01.00.0052	06.01	Correspondence	5/30/2012	1		Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1041	06.01.00.0053	06.01	Correspondence	6/18/2012	1		VDEQ Comments on the Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1042	06.01.00.0054	06.01	Correspondence	10/3/2012	4		VDEQ Comments on the Draft Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1043	06.04.00.0005	06.04	Work Plans and Progress Reports	3/14/2012	211	Final	Remedial Design Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	WP	5	Paint Stain		Tetra Tech NUS, Inc.		NASA
2	1044	06.01.00.0055	06.01	Correspondence	5/21/2012	1		Wetland Delineation Report for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Ed Corack	Tetra Tech, Inc.	Theodore J. Meyer	NASA
2	1045	06.08.00.0003	06.08	Remedial Design Documents	5/21/2012	79		Wetland Delineation Report, Sites '5 / 12, NASA Wallops Flight Facility	Report	5	Paint Stain		Tetra Tech, Inc.		NASA
2	1046	07.01.00.0156	07.01	Correspondence	1/11/2012	1		Requesting VADEQ's concurrence on the Final Construction Completion Report for Site 4, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1047	07.01.00.0157	07.01	Correspondence	1/11/2012	1		Awaiting VADEQ's approval of Concurrence for No Further Action Decision on the Final Construction Completion Report for Site 4, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1048	07.01.00.0158	07.01	Correspondence	2/28/2012	1	Final	Construction Completion Report for Site 4, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1049	07.01.00.0159	07.01	Correspondence	2/28/2012	1	Final	Construction Completion Report for Site 4, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1050	07.01.00.0160	07.01	Correspondence	2/28/2012	1	Final	Construction Completion Report for Site 4, NASA Wallops Flight Facility	Letter	4	Island Debris Pile	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1051	07.08.00.0013	07.08	Remedial Action Documents	12/28/2011	690	Final	Construction Completion Report for Non-Time-Critical Removal Action for Soil for Site 4	Report	4	Island Debris Pile		Tetra Tech, Inc.		NASA
2	1052	08.01.00.0001	08.01	Correspondence	2/2/2012	1		VDEQ Comments on the Annual Groundwater Monitoring Report for 2011 for the FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1053	08.01.00.0002	08.01	Correspondence	2/3/2012	2		VDEQ Comments on the Annual Groundwater Monitoring Report for 2011 for the WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA

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2	1054	08.01.00.0003	08.01	Correspondence	3/20/2012	2		EPA Comments on the Annual Groundwater Monitoring Plan Report for 2011 for the WOD	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1055	08.01.00.0004	08.01	Correspondence	5/16/2012	4		NASA's Response to Comments from EPA and VDEQ on the Draft Waste Oil Dump CY 2011 Annual Report	Email	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1056	08.01.00.0005	08.01	Correspondence	5/18/2012	1		Annual Groundwater Monitoring Report for 2011 for the FFTA, EPA agrees with monitoring well 14-MW004 recommendation and has no further comments to offer at this time	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1057	08.01.00.0006	08.01	Correspondence	5/22/2012	2		Revised Draft Final FFTA 2011 Annual Groundwater Report and the DEQ RTCs	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1058	08.01.00.0007	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1059	08.01.00.0008	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1060	08.01.00.0009	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1061	08.01.00.0010	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1062	08.01.00.0011	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1063	08.01.00.0012	08.01	Correspondence	5/22/2012	1		Data Summary Report for the March 2012 Groundwater Investigation at the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1064	08.01.00.0013	08.01	Correspondence	6/5/2012	1		VDEQ completed review of the RTCs concerning the Draft Annual Groundwater Monitoring Report for the year 2011, FFTA. All responses adequately address VDEQ comments; no further comments offered.	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1065	08.01.00.0014	08.01	Correspondence	6/18/2012	1	Final	Annual Groundwater Monitoring Report for the Year 2011 for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1066	08.01.00.0015	08.01	Correspondence	6/18/2012	1	Final	Annual Groundwater Monitoring Report for the Year 2011 for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1067	08.01.00.0016	08.01	Correspondence	6/18/2012	1	Final	2011 Annual Groundwater Monitoring Report for the FFTA, VDEQ offers no further comments, accepted as Final.	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1068	08.01.00.0017	08.01	Correspondence	6/18/2012	1	RTC	Annual Groundwater Monitoring Report for 2011 WOD, the responses adequately address comments submitted, incorporate responses into the final document.	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1069	08.01.00.0018	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1070	08.01.00.0019	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1071	08.01.00.0020	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1072	08.01.00.0021	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1073	08.01.00.0022	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1074	08.01.00.0023	08.01	Correspondence	8/2/2012	1		Long Term Monitoring Plan - Rev 1 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1075	08.01.00.0024	08.01	Correspondence	8/13/2012	1		EPA has no comments on the Long Term Monitoring Report for the FFTA	Email	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1076	08.01.00.0025	08.01	Correspondence	8/13/2012	1		EPA comments on the Long Term Monitoring Report for the Draft Soil and Groundwater Sampling and Analysis Plan for SEDA	Email	SEDA	South End Disposal Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1077	08.01.00.0026	08.01	Correspondence	8/15/2012	1	Final	Annual Groundwater Monitoring Report for the Year 2011 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1078	08.01.00.0027	08.01	Correspondence	8/15/2012	1	Final	Annual Groundwater Monitoring Report for the Year 2011 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1079	08.01.00.0028	08.01	Correspondence	8/15/2012	1	Final	Annual Groundwater Monitoring Report for the Year 2011 for the WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	1080	08.01.00.0029	08.01	Correspondence	8/23/2012	1	Final	VDEQ offers no further comment on the Long Term Monitoring Plan Rev. 1 for the FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1081	08.01.00.0030	08.01	Correspondence	8/23/2012	1	Final	VDEQ offers no further comment on the Long Term Monitoring Plan Rev. 1 for the WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1082	08.01.00.0031	08.01	Correspondence	9/14/2012	1		EPA has no comments to offer on the original document or revision of the Long Term Monitoring Report for the FFTA	Email	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1083	08.01.00.0032	08.01	Correspondence	9/14/2012	1		EPA has no comments to offer on the Long Term Monitoring Report for the WOD	Email	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1084	08.01.00.0033	08.01	Correspondence	9/18/2012	2	Draft	Draft Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1085	08.01.00.0034	08.01	Correspondence	9/18/2012	2	Draft	Draft Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1086	08.01.00.0035	08.01	Correspondence	9/18/2012	2	Draft	Draft Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1087	08.01.00.0036	08.01	Correspondence	10/3/2012	1		VDEQ comments on the Draft Letter Work Plan for Monitoring Well Abandonment Activities at the FFTA and WOD Sites	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1088	08.04.00.0001	08.04	Contractor Work Plans and Progress Reports	8/2/2012	168		Long Term Monitoring Plan - Rev. 1 for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1089	08.04.00.0002	08.04	Contractor Work Plans and Progress Reports	8/2/2012	167		Long Term Monitoring Plan - Rev. 1 for WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1090	10.01.00.0080	10.01	Correspondence	1/31/2012	1		VDEQ Comments on the Draft Site Management Plan for Fiscal Years 2012 and 2013	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1091	10.01.00.0081	10.01	Correspondence	4/6/2012	2	RTC	Draft Site Management Plan for Fiscal Years 2012 and 2013	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Flusher	DEQ EPA EPA
2	1092	10.01.00.0082	10.01	Correspondence	4/9/2012	1		VDEQ offers no further comment on the Draft Site Management Plan for Fiscal Years 2012 and 2013	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1093	10.01.00.0083	10.01	Correspondence	4/18/2012	1	Final	Site Management Plan for Fiscal Years 2012 and 2013	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1094	10.01.00.0084	10.01	Correspondence	4/18/2012	1	Final	Site Management Plan for Fiscal Years 2012 and 2013	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1095	10.01.00.0085	10.01	Correspondence	4/18/2012	1	Final	Site Management Plan for Fiscal Years 2012 and 2013	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1096	10.01.00.0086	10.01	Correspondence	4/25/2012	1		EPA agrees that the Final Site Management Plan for Fiscal Years 2012 and 2013 should be considered final.	Email	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1097	10.01.00.0087	10.01	Correspondence	5/30/2012	1		Semi-Annual Progress Report for Fiscal Year 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1098	10.01.00.0088	10.01	Correspondence	5/30/2012	1		Semi-Annual Progress Report for Fiscal Year 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1099	10.01.00.0089	10.01	Correspondence	5/30/2012	1		Semi-Annual Progress Report for Fiscal Year 2012	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1100	10.01.00.0090	10.01	Correspondence	5/31/2012	1		Responses provided to VDEQ comments have been incorporated. VDEQ offers no further comment and considers the Final Site Management Plan for Fiscal Years 2012 and 2013 to be final.	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1101	10.05.00.0012	10.05	Federal Facility Negotiations/Site Management Plan	4/18/2012	199		Site Management Plan, Fiscal Years 2012 and 2013	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	1102	10.05.00.0013	10.05	Federal Facility Negotiations/Site Management Plan	5/30/2012	22		Fiscal Year 2012 - Semi-Annual Progress Report for NASA Wallops Flight Facility	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA

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2	1103	21.02.00.0037	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	8/30/2011	14		Remedial Project Manager's Meeting Minutes and Summary, August 30, 2011	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1104	21.02.00.0038	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/14/2011	40		Remedial Project Manager's Meeting Minutes and Summary, December 14, 2011	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1105	21.02.00.0039	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/22/2012	12		Remedial Project Manager's Meeting Minutes and Summary, March 22, 2012	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1106	21.02.00.0040	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/13/2012	31		Remedial Project Manager's Meeting Minutes and Summary, June 13, 2012	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1107	50.02.00.0006	50.02	Repository Correspondence	3/20/2012	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1108	50.02.00.0007	50.02	Repository Correspondence	3/20/2012	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1109	50.02.00.0008	50.02	Repository Correspondence	3/20/2012	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	1110	01.01.00.0160	01.01	Pre-Remedial Investigation Correspondence	10/19/2012	1		EPA has reviewed and confirmed that all of EPA's comments have been addressed and incorporated into the Final South End Disposal Area SAP Report. The agency considers this report to be final.	Email	SEDA	South End Disposal Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1111	01.01.00.0161	01.01	Pre-Remedial Investigation Correspondence	11/5/2012	1		VDEQ offers no further comment and considers the Final Preliminary Assessment, South End Disposal Area to be final.	Letter	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1112	06.01.00.0056	06.01	Correspondence	10/3/2012	4		VDEQ Comments on the Draft Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1113	06.01.00.0057	06.01	Correspondence	12/12/2012	2		EPA Comments on the Draft Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1114	06.01.00.0058	06.01	Correspondence	1/7/2013	8		NASA's Response to Comments from EPA and VDEQ Comments on the Draft Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1115	06.01.00.0059	06.01	Correspondence	1/8/2013	1		VDEQ offers no further comment on the Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1116	06.01.00.0060	06.01	Correspondence	1/8/2013	1		EPA has determined that NASA's Response to EPA's comments is acceptable on the Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1117	06.01.00.0061	06.01	Correspondence	2/5/2013	2		Notice of intent to implement Final Remedial Action at Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Robert Cole	U.S. Army Corps of Engineers
2	1118	06.01.00.0062	06.01	Correspondence	2/5/2013	1	Final	Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1119	06.01.00.0063	06.01	Correspondence	2/5/2013	1	Final	Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1120	06.01.00.0064	06.01	Correspondence	2/5/2013	1	Final	Remedial Design/Remedial Action Work Plan for Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1121	06.01.00.0065	06.01	Correspondence	2/11/2013	1		VDEQ offers no further comment and considers the Final Remedial Design/Remedial Action Work Plan for Sites '5 / 12 to be final, NASA Wallops Flight Facility	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1122	06.01.00.0066	06.01	Correspondence	2/19/2013	1		EPA accepts and considers the Final Remedial Design/Remedial Action Work Plan for Sites '5 / 12 to be final, NASA Wallops Flight Facility	Letter	5	Paint Stain	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1123	06.08.00.0004	06.08	Remedial Design Documents	6/29/2012	7		Preliminary Jurisdictional Determination, Sites '5 / 12, NASA Wallops Flight Facility	Letter	5	Paint Stain	Robert Cole	U.S. Army Corps of Engineers	Theodore J. Meyer	NASA

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2	1124	06.08.00.0005	06.08	Remedial Design Documents	1/21/2013	591	Final	Remedial Design and Remedial Action Work Plan, Sites '5 / 12, NASA Wallops Flight Facility	Report	5	Paint Stain		Tetra Tech, Inc.		NASA
2	1125	07.01.00.0161	07.01	Correspondence	10/19/2012	1		EPA reviewed the Letter Work Plan for Monitoring Well Abandonment Activities at the FFTA and WOD sites and has determined that methods proposed to abandon the monitoring wells follows EPA guidance on monitoring well closure and is acceptable, NASA Wallops Flight Facility	Email	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1126	07.01.00.0162	07.01	Correspondence	10/23/2012	2	Final	Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1127	07.01.00.0163	07.01	Correspondence	10/23/2012	2	Final	Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1128	07.01.00.0164	07.01	Correspondence	10/23/2012	2	Final	Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD Sites, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1129	07.01.00.0165	07.01	Correspondence	12/4/2012	1		VDEQ reviewed the Response to Comments and found them to be acceptable. VDEQ offers no further comment on the Final Letter Work Plan for Monitoring Well Abandonment Activities for FFTA and WOD Sites and considers it to be final, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1130	07.01.00.0166	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the FFTA, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1131	07.01.00.0167	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the FFTA, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1132	07.01.00.0168	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the FFTA, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1133	07.01.00.0169	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the WOD Site, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1134	07.01.00.0170	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the WOD Site, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1135	07.01.00.0171	07.01	Correspondence	12/13/2012	1	Draft	Annual Groundwater Monitoring Report for the Year 2012 for the WOD Site, NASA Wallops Flight Facility	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1136	07.01.00.0172	07.01	Correspondence	2/5/2013	1		VDEQ comments on the Annual Groundwater Monitoring Report for 2012 for the FFTA, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1137	07.01.00.0173	07.01	Correspondence	2/20/2013	1		Well Abandonment Report for FFTA and WOD, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1138	07.01.00.0174	07.01	Correspondence	2/20/2013	1		Well Abandonment Report for FFTA and WOD, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1139	07.01.00.0175	07.01	Correspondence	2/20/2013	1		Well Abandonment Report for FFTA and WOD, NASA Wallops Flight Facility	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1140	07.04.00.0003	07.04	Work Plans and Progressive Reports	10/22/2012	8	Final	Letter Work Plan for Monitoring Well Abandonment Activities at FFTA and WOD, NASA WFF	WP	FFTA	Former Fire Training Area		Tetra Tech, Inc.	NASA	
2	1141	07.08.00.0014	07.08	Remedial Action Documents	2/11/2013	19	Final	Well Abandonment Report for FFTA and WOD	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1142	07.08.00.0015	07.08	Remedial Action Documents	12/20/2012	1		EPA Certification FFTA RACR	Certification Statement	FFTA	Former Fire Training Area		EPA		NASA
2	1143	10.01.00.0091	10.01	Correspondence	12/13/2012	1	Draft	Site Management Plan for Fiscal Years 2013 and 2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1144	10.01.00.0092	10.01	Correspondence	12/13/2012	1	Draft	Site Management Plan for Fiscal Years 2013 and 2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1145	10.01.00.0093	10.01	Correspondence	12/13/2012	1	Draft	Site Management Plan for Fiscal Years 2013 and 2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1146	10.01.00.0094	10.01	Correspondence	2/8/2013	1		VDEQ Comments on the Draft Site Management Plan for Fiscal Years 2013 and 2014	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA

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2	1147	21.02.00.0041	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/19/2012	30		Remedial Project Manager's Meeting Minutes and Summary, September 19, 2012	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1148	01.01.00.0162	01.01	Pre-Remedial Investigation Correspondence	4/1/2013	1	Draft	Site Screening Report for SEDA at NASA Goddard Space Flight Center	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	1149	01.01.00.0163	01.01	Pre-Remedial Investigation Correspondence	4/1/2013	1	Draft	Site Screening Report for SEDA at NASA Goddard Space Flight Center	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1150	01.01.00.0164	01.01	Pre-Remedial Investigation Correspondence	4/1/2013	1	Draft	Site Screening Report for SEDA at NASA Goddard Space Flight Center	Letter	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1151	01.01.00.0165	01.01	Pre-Remedial Investigation Correspondence	4/22/2013	1	Draft	Site Screening Report for SEDA at NASA Goddard Space Flight Center	Letter	SEDA	South End Disposal Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1152	01.01.00.0166	01.01	Pre-Remedial Investigation Correspondence	6/21/2013	1	Draft	Site Screening Report for SEDA at NASA Wallops Flight Facility	Letter	SEDA	South End Disposal Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1153	01.01.00.0167	01.01	Pre-Remedial Investigation Correspondence	8/16/2013	1		SEDA Report - RTCs and red-line Final Version	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1154	07.01.00.0176	07.01	Correspondence	4/17/2013	1		Information for April 17 Sites 5&12 data call	Email	5	Paint Stain	Theodore J. Meyer	NASA	Garth Glenn	TTNUS
2	1155	07.01.00.0177	07.01	Correspondence	4/18/2013	1		Information for April 17 Sites 5&12 data call	Email	5	Paint Stain	Theodore J. Meyer	NASA	Garth Glenn	TTNUS
2	1156	07.04.00.0004	07.04	Work Plans and Progressive Reports	2/21/2013	1		Deviations to the Sites 5/12 RD/RAWP	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1157	07.04.00.0005	07.04	Work Plans and Progressive Reports	2/27/2013	2		Deviation and Addendum to Final RD/RAWP for Sites 5&12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1158	07.04.00.0006	07.04	Work Plans and Progressive Reports	2/27/2013	2		Deviation and Addendum to Final RD/RAWP for Sites 5&12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	1159	07.04.00.0007	07.04	Work Plans and Progressive Reports	2/27/2013	2		Deviation and Addendum to Final RD/RAWP for Sites 5&12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1160	07.04.00.0008	07.04	Work Plans and Progressive Reports	3/7/2013	1		Deviation and Addendum to Final RD/RAWP for Sites 5&12	Email	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1161	07.04.00.0009	07.04	Work Plans and Progressive Reports	3/18/2013	2		Weekly Summary of Field Activities for Sites 5&12	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1162	08.01.00.0037	08.01	Correspondence	2/25/2013	1		Annual Groundwater Monitoring Report for 2012	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1163	08.01.00.0038	08.01	Correspondence	4/18/2013	1		Annual Groundwater Monitoring Report for 2012	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1164	08.01.00.0039	08.01	Correspondence	4/18/2013	1		Annual Groundwater Monitoring Report for 2013	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1165	08.01.00.0040	08.01	Correspondence	4/24/2013	6	RTC	FFTA CY'12 Annual Report	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Garth Glenn	TTNUS
2	1166	08.01.00.0041	08.01	Correspondence	4/24/2013	4	RTC	WOD CY'12 Annual Report	Email	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Garth Glenn	TTNUS
2	1167	08.01.00.0042	08.01	Correspondence	5/17/2013	1	RTC	WOD CY'2012 Annual Report	Letter	WOD	Waste Oil Dump	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1168	08.01.00.0043	08.01	Correspondence	5/17/2013	1	RTC	FFTA CY'2012 Annual Report	Letter	FFTA	Former Fire Training Area	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1169	08.01.00.0044	08.01	Correspondence	5/20/2013	2	RTC	FFTA CY'2012 Annual Report	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1170	08.01.00.0045	08.01	Correspondence	5/20/2013	1	RTC	WOD CY'2012 Annual Report	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1171	08.01.00.0046	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1172	08.01.00.0047	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1173	08.01.00.0048	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1174	08.01.00.0049	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ

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2	1175	08.01.00.0050	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1176	08.01.00.0051	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1177	08.01.00.0052	08.01	Correspondence	6/10/2013	1	Final	Annual Groundwater Monitoring Report 2012 WOD	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1178	08.01.00.0053	08.01	Correspondence	7/5/2013	1	Final	Annual Groundwater Monitoring Report 2012 FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1179	08.01.00.0054	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1180	08.01.00.0055	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1181	08.01.00.0056	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for WOD	Letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1182	08.01.00.0057	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1183	08.01.00.0058	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1184	08.01.00.0059	08.01	Correspondence	7/11/2013	1		Data Summary Report for March 2013 Groundwater Investigation for FFTA	Letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1185	08.01.00.0060	08.01	Correspondence	8/12/2013	4	Draft	Five-Year Review	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1186	08.01.00.0061	08.01	Correspondence	11/1/2013	3		NASA WFF -FiveYear Review Comments	Email	FFTA	Former Fire Training Area	Steven Hirsh	EPA	Garth Glenn	TTNUS
2	1187	08.01.00.0062	08.01	Correspondence	11/20/2013			Five-Year Review Response to Comments	Email	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Garth Glenn	TTNUS
2	1188	08.01.00.0063	08.01	Correspondence	11/22/2013	1		NASA WFF - Response to Comments for the Draft Five-Year Review	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Garth Glenn	TTNUS
2	1189	08.06.00.0001	08.06	Long Term Responses	6/1/2013			Data Summary Report for March 2013 Groundwater Monitoring at FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1190	08.06.00.0002	08.06	Long Term Responses	6/1/2013			Data Summary Report for March 2013 Groundwater Monitoring at WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1191	10.01.00.0095	10.01	Correspondence	4/18/2013	1	Draft	Site Management Plan FY'2013-2014	Letter	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1192	10.01.00.0096	10.01	Correspondence	4/24/2013	1	RTC	SMP FY'13-'14	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Garth Glenn	Tetra Tech NUS
2	1193	10.01.00.0097	10.01	Correspondence	5/20/2013	1	RTC	SMP FY'13-'14	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1194	10.01.00.0098	10.01	Correspondence	9/5/2013	1		EPA Comments SMP	Email	WFF	General Site-Wide Information	Dawn Fulsher	EPA	Theodore J. Meyer	NASA
2	1195	10.01.00.0099	10.01	Correspondence	9/17/2013	1	Final	SMP FY'2013-2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1196	10.01.00.0100	10.01	Correspondence	9/17/2013	1	Final	SMP FY'2013-2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1197	10.01.00.0101	10.01	Correspondence	9/17/2013	1	Final	SMP FY'2013-2014	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1198	10.01.00.0102	10.01	Correspondence	10/2/2013	1	Final	SMP FY'2013-2014	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1199	10.01.00.0103	10.01	Correspondence	11/13/2013	1	Draft	SMP, 60 Day Extension	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Garth Glenn	Tetra Tech NUS

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2	1200	10.01.00.0104	10.01	Correspondence	11/13/2013	1	Draft	SMP, 60 Day Extension	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1201	10.01.00.0105	10.01	Correspondence	11/13/2013	1	Draft	SMP, 60 Day Extension	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1202	10.05.00.0014	10.05	Federal Facility Negotiations/Site Management Plan	9/1/2013			Site Management Plan, Fiscal Years 2013 and 2014	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	1203	13.05.00.0009	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	4/20/2013	1		Public Notice Announces Inititation of Five-Year Review of Remedial Actions	PN	WFF	General Site-Wide Information		Eastern Shore News		
2	1204	13.05.00.0010	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	4/25/2013	1		Public Notice Announces Inititation of Five-Year Review of Remedial Actions	PN	WFF	General Site-Wide Information		Chincoteague Beacon		
2	1205	22.01.00.0015	22.01	Facility-Wide Environmental Reference Documents Correspondence	8/22/2013			Site-Specific Safety and Health Plan for Sites 5&12 MEC Surface Survey	Report	5	Paint Stain		Tetra Tech NUS, Inc.		NASA
2	1206	22.01.00.0016	22.01	Facility-Wide Environmental Reference Documents Correspondence	8/22/2013			Site-Specific Safety and Health Plan for Visitor Center UXO Surface Sweep	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	1207	22.01.00.0017	22.01	Facility-Wide Environmental Reference Documents Correspondence	8/22/2013		Final	Work Plan for Sites 5&12 UXO Surface Sweep	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	1208	22.01.00.0018	22.01	Facility-Wide Environmental Reference Documents Correspondence	8/22/2013			Work Plan for Visitor Center UXO Surface Sweep	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA
2	1209	21.02.00.0042	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/19/2012	31		Remedial Project Manager's Meeting Minutes and Summary, December 19, 2012	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1210	21.02.00.0043	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	4/25/2013	22		Remedial Project Manager's Meeting Summary, April 25, 2013	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1211	21.02.00.0044	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/25/2013	13		Remedial Project Manager's Meeting Summary, June 25, 2013	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1212	22.02.00.0021	22.02	Facility-Wide Environmental Reference Documents	8/9/2013	27		MEC Surface Clearance Summary Visitor Center and Sites 5&12	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.	Theodore J. Meyer	NASA
2	1213	01.01.00.168	01.01	Pre-Remedial Investigation Correspondence	8/26/2014	1		Site Summary Status Report for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1214	01.01.00.169	01.01	Pre-Remedial Investigation Correspondence	8/26/2014	1		Site Summary Status Report for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1215	01.01.00.170	01.01	Pre-Remedial Investigation Correspondence	8/26/2014	1		Site Summary Status Report for the Main Base Firing Range Complex at NASA, Goddard Space Flight Center's WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1216	01.01.00.171	01.01	Pre-Remedial Investigation Correspondence	10/16/2014	2		Aircraft Gun Testing Range Proposed Sampling	Email	MBFRC	Main Base Firing Range Complex	Steven Hirsh	EPA	David Liu	NASA
2	1217	01.01.00.172	01.01	Pre-Remedial Investigation Correspondence	10/15/2014	2		Aircraft Gun Testing Range Proposed Sampling, attached Figure 1 proposed sample locations aircraft gun testing range	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1218	01.01.00.173	01.01	Pre-Remedial Investigation Correspondence	10/15/2014	2		Aircraft Gun Testing Range Proposed Sampling	Email	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA

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2	1219	01.01.00.174	01.01	Pre-Remedial Investigation Correspondence	10/24/2014	3	Draft	NASA Goddard Space Flight Center - WFF, Site Summary and Risk Re-evaluation Report, Main Base Firing Range Complex (Pistol and Rifle)	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1220	01.01.00.175	01.01	Pre-Remedial Investigation Correspondence	10/29/2014	2		Site Summary and Risk Re-evaluation Report for MBFR	Email	MBFRC	Main Base Firing Range Complex	Lisa Denmark	EPA	David Liu	NASA
2	1221	01.01.00.176	01.01	Pre-Remedial Investigation Correspondence	10/30/2014	1	Comments	Additional Comments on the Pistol and Rifle Ranges	Email	MBFRC	Main Base Firing Range Complex	Lisa Denmark	EPA	David Liu	NASA
2	1222	01.01.00.177	01.01	Pre-Remedial Investigation Correspondence	11/21/2014	8	Draft	NASA WFF, Site Summary and Risk Re-evaluation Report, Main Base Firing Range Complex (Pistol and Rifle) - attachment RTC DEQ pisotl and rifle risk re-eval	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1223	01.01.00.178	01.01	Pre-Remedial Investigation Correspondence	11/21/2014	4	RTC	Site Summary and Risk Re-evaluation Report for MBFR - attachment RTC EPA pistol and rifle risk re-eval	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1224	08.01.00.0064	08.01	Correspondence	12/24/2013	1		2013 Annual Groundwater Monitoring Reports	Email	FFTA	Former Fire Training Area	Lisa Johnson	EPA	Paul Herman Theodore J. Meyer	VADEQ NASA
2	1225	08.01.00.0065	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the FFTA	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1226	08.01.00.0066	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the FFTA	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1227	08.01.00.0067	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the FFTA	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1228	08.01.00.0068	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the WOD	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1229	08.01.00.0069	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the WOD	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1230	08.01.00.0070	08.01	Correspondence	12/13/2013	1	Draft	Annual Groundwater Monitoring Report for the Year 2013 for the WOD	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1231	08.01.00.0071	08.01	Correspondence	1/22/2014	1	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Annual Groundwater Monitoring Report for 2013 Waste Oil Dump	letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1232	08.01.00.0072	08.01	Correspondence	1/22/2014	1	Draft	NASA Goddard Space Flight Center Wallops Flight Facility Annual Groundwater Monitoring Report for 2013 Former Fire Training Area	letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1233	08.01.00.0073	08.01	Correspondence	1/23/2014	1	Draft	Annual GW Monitoring Reports for 2013	Email	FFTA	Former Fire Training Area	Lisa Johnson	EPA	Theodore J. Meyer	NASA
2	1234	08.01.00.0074	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1235	08.01.00.0075	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1236	08.01.00.0076	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1237	08.01.00.0077	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1238	08.01.00.0078	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1239	08.01.00.0079	08.01	Correspondence	2/12/2014	1	Final	Annual Groundwater Monitoring Report for the Year 2013 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1240	08.01.00.0080	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1241	08.01.00.0081	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1242	08.01.00.0082	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1243	08.01.00.0083	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1244	08.01.00.0084	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA

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2	1245	08.01.00.0085	08.01	Correspondence	12/28/2014	1		Long Term Monitoring Plan - Rev 2 for the Waste Oil Dump	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1246	08.01.00.0086	08.01	Correspondence	3/21/2014	1	Final	Annual Groundwater Monitoring Report for 2013 Waste Oil Dump	letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1247	08.01.00.0087	08.01	Correspondence	3/21/2014	1	Final	Annual Groundwater Monitoring Report for 2013 Former Fire Training Area	letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1248	08.01.00.0088	08.01	Correspondence	3/24/2014	1		Former Fire Training Area Final Annual Groundwater Monitoring Report	Email	FFTA	Former Fire Training Area	Lisa Johnson	EPA	Theodore J. Meyer	NASA
2	1249	08.01.00.0089	08.01	Correspondence	3/24/2014	1		Waste Oil Dump Final Annual Groundwater Monitoring Report	Email	WOD	Waste Oil Dump	Lisa Johnson	EPA	Theodore J. Meyer	NASA
2	1250	08.01.00.0090	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1251	08.01.00.0091	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Lisa Denmark	EPA
2	1252	08.01.00.0092	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1253	08.01.00.0093	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1254	08.01.00.0094	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Lisa Denmark	EPA
2	1255	08.01.00.0095	08.01	Correspondence	6/10/2014	1		Data Summary Report for the 2014 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	Theodore J. Meyer	NASA	Paul Herman	VDEQ
2	1256	08.01.00.0096	08.01	Correspondence	6/30/2014	1		NASA WFF - Data Summary Report for WOD	Email	WOD	Waste Oil Dump	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1257	08.01.00.0097	08.01	Correspondence	9/15/2014	1		NASA to conduct sampling at FFTA and WOD week of 9/22/14	Email	FFTA	Former Fire Training Area	Steven Hirsh	EPA	David Liu	NASA
2	1258	08.01.00.0098	08.01	Correspondence	9/15/2014	1		NASA to conduct sampling at FFTA and WOD week of 9/22/14	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1259	08.01.00.0099	08.01	Correspondence	10/9/2014	4		FFTA MW053S Tech Memo Oct 9-2014	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VDEQ
2	1260	08.01.00.0100	08.01	Correspondence	10/10/2014	1		Damaged Monitoring Well FFTA-MW053S	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1261	08.01.00.0101	08.01	Correspondence	10/10/2014	1		Damaged Monitoring Well FFTA-MW053S	Email	FFTA	Former Fire Training Area	Steven Hirsh	EPA	David Liu	NASA
2	1262	08.01.00.0102	08.01	Correspondence	1/21/2015	1		Commnets on FFTA Annual GW Monitoring Report	Email	FFTA	Former Fire Training Area	Lisa Denmark	EPA	David Liu	NASA
2	1263	08.01.00.0103	08.01	Correspondence	1/22/2015	1		Commnets on WOD Annual GW Monitoring Report	Email	FFTA	Former Fire Training Area	Lisa Denmark	EPA	David Liu	NASA
2	1264	08.01.00.0104	08.01	Correspondence	1/13/2015	1		NASA Goddard Space Flight Center, WFF, Draft Annual Groundwater Monitoring Report for 2014 Waste Oil Dump	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1265	08.01.00.0105	08.01	Correspondence	12/17/2014	1		NASA Goddard Space Flight Center, WFF, Draft Annual Groundwater Monitoring Report for 2014 Former Fire Training Area	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VDEQ
2	1266	08.01.00.0106	08.01	Correspondence	12/17/2014	1		NASA Goddard Space Flight Center, WFF, Draft Annual Groundwater Monitoring Report for 2014 Former Fire Training Area	Email	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1267	08.01.00.0107	08.01	Correspondence	12/17/2014	1		NASA Goddard Space Flight Center, WFF, Draft Annual Groundwater Monitoring Report for 2014 Former Fire Training Area	Email	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1268	08.01.00.0108	08.01	Correspondence	12/17/2014	1	Draft	Annual Groundwater Monitoring Report for the year 2014 for the waste oil dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VDEQ
2	1269	08.01.00.0109	08.01	Correspondence	12/17/2014	1	Draft	Annual Groundwater Monitoring Report for the year 2014 for the waste oil dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Email	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1270	08.01.00.0110	08.01	Correspondence	12/17/2014	1	Draft	Annual Groundwater Monitoring Report for the year 2014 for the waste oil dump at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Email	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1271	08.04.00.0003	08.04	Contractor Work Plans and Progress Reports	2/1/2014	169		Long Term Monitoring Plan - Rev. 2 for WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA

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2	1272	08.04.00.0004	08.04	Contractor Work Plans and Progress Reports	2/1/2014	188		Long Term Monitoring Plan - Rev. 2 for FFTA	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1273	08.06.00.0003	08.06	Long Term Responses	2/12/2014	297	Final	Annual Groundwater Monitoring Report for the Year 2013 for FFTA	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1274	08.06.00.0004	08.06	Long Term Responses	2/12/2014	171	Final	Annual Groundwater Monitoring Report for the Year 2013 for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1275	08.06.00.0005	08.06	Long Term Responses	6/10/2014	105		Data Summary Report for March 2014 monitoring Activities at FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1276	08.06.00.0006	08.06	Long Term Responses	6/10/2014	59		Data Summary Report for March 2014 monitoring Activities at WOD	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1277	01.01.00.0179	01.01	Pre-Remedial Investigation Correspondence	8/21/2014	1		Work Plans for Site Screening of Area of Interest 20 and north Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, VA	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1278	01.01.00.0180	01.01	Pre-Remedial Investigation Correspondence	8/21/2014	1		Work Plans for Site Screening of Area of Interest 20 and north Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, VA	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steve Hirsh	EPA
2	1279	01.01.00.0181	01.01	Pre-Remedial Investigation Correspondence	8/21/2014	1		Work Plans for Site Screening of Area of Interest 20 and north Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, VA	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1280	01.01.00.0182	01.01	Pre-Remedial Investigation Correspondence	8/29/2014	2	Draft	NASA Goddard Space Flight Center Wallops Flight Facility, Work Plans for Site Screening Area of Interest 20 - Island Transformers	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1281	01.01.00.0183	01.01	Pre-Remedial Investigation Correspondence	9/8/2014	1		Comments on the AI-20 and North Island Transformers	Email	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1282	01.01.00.0184	01.01	Pre-Remedial Investigation Correspondence	9/15/2014	2	Draft	NASA Goddard Space Flight Center Wallops Flight Facility, Work Plans for Site Screening North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1283	01.01.00.0185	01.01	Pre-Remedial Investigation Correspondence	9/19/2014	5	Draft	NASA WFF - Work Plan for Site Screening of North Island Transformers	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1284	01.01.00.0186	01.01	Pre-Remedial Investigation Correspondence	9/19/2014	2		Comments on the AI-20 and North Island Transformers	Email	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1285	01.01.00.0187	01.01	Pre-Remedial Investigation Correspondence	9/19/2014	4	Draft	NASA Wallops Flight Facility - Work Plan for Site Screening at Area of Interest 20	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1286	01.01.00.0188	01.01	Pre-Remedial Investigation Correspondence	9/23/2014	1		Comments on the AI-20 and North Island Transformers	Email	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1287	01.01.00.0189	01.01	Pre-Remedial Investigation Correspondence	9/23/2014	2	Draft	NASA WFF - Work Plan for Site Screening at Area of Interest 20	Email	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1288	01.01.00.0190	01.01	Pre-Remedial Investigation Correspondence	9/23/2014	2	Draft	NASA WFF - Work Plan for Site Screening of North Island Transformers	Email	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1289	01.01.00.0191	01.01	Pre-Remedial Investigation Correspondence	9/30/2014	1	Final	Work Plan for Site Screening at Area of Interest 20 and North Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1290	01.01.00.0192	01.01	Pre-Remedial Investigation Correspondence	9/30/2014	1	Final	Work Plan for Site Screening at Area of Interest 20 and North Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1291	01.01.00.0193	01.01	Pre-Remedial Investigation Correspondence	9/30/2014	1	Final	Work Plan for Site Screening at Area of Interest 20 and North Island Transformers at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steve Hirsh	EPA
2	1292	01.01.00.0194	01.01	Pre-Remedial Investigation Correspondence	10/2/2014	1	Final	NASA Goddard Space Flight Center Wallops Flight Facility, Work Plan for Site Screening Area of Interest 20 - Island Transformers	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1293	01.01.00.0195	01.01	Pre-Remedial Investigation Correspondence	10/2/2014	1	Final	NASA Goddard Space Flight Center Wallops Flight Facility, Work Plans for Site Screening North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1294	01.01.00.0196	01.01	Pre-Remedial Investigation Correspondence	10/3/2014	14		Section 106 Compliance for NASA Wallops Flight Facility (WFF) North Wallops Island Transformer Site Screening and Potential Soil Remediation	Letter	NIT	North Island Transformers	Randall Stanley	NASA	Amanda Lee	DHR
2	1295	01.01.00.0197	01.01	Pre-Remedial Investigation Correspondence	10/28/2014	1		Transformer Sampling	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1296	01.01.00.0198	01.01	Pre-Remedial Investigation Correspondence	11/13/2014	4		AI-20 Field Change	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1297	01.01.00.0199	01.01	Pre-Remedial Investigation Correspondence	11/14/2014	1		AI-20 Field Change	Email	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA

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2	1298	01.01.00.0200	01.01	Pre-Remedial Investigation Correspondence	11/14/2014	1		AI-20 Field Change	Email	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1299	01.03.00.0049	01.03	Pre-Remedial Investigation Site Investigation Documents	10/9/2014	35		Revised Final Work plan for Site Screening at North Island Transformers	WP	NIT	North Island Transformers		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	1300	01.03.00.0050	01.03	Pre-Remedial Investigation Site Investigation Documents	9/30/2014	40	Final	Work plan for Site Screening at Area of Interest 20	WP	AI-20	Area of Interest 20		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	1301	07.01.00.0178	07.01	Correspondence	1/13/2014	1	Draft	Remedial Action Completion Report for Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1302	07.01.00.0179	07.01	Correspondence	1/13/2014	1	Draft	Remedial Action Completion Report for Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1303	07.01.00.0180	07.01	Correspondence	1/13/2014	1	Draft	Remedial Action Completion Report for Sites '5 / 12	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Dawn Fulsher	EPA
2	1304	07.01.00.0181	07.01	Correspondence	3/18/2014	2	Draft	Remedial Action Completion Report for Site 5 - Paint Stain and Site 12 - Former Wind Tunnel	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1305	07.01.00.0182	07.01	Correspondence	5/19/2014	1		Sites 5/12	Email	5	Paint Stain	Lisa Denmark	EPA	Theodore J. Meyer	NASA
2	1306	07.01.00.0183	07.01	Correspondence	6/3/2014	1	RTC	Draft Remedial Action Completion Report Site 05 - Paint Stain and Site 12 Former Wind Tunnel	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1307	07.01.00.0184	07.01	Correspondence	6/2/2014	3		RTCs and Redline Final RACR, Sites 5&12, NASA Wallops	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Dawn Fulsher	VADEQ EPA EPA
2	1308	07.01.00.0185	07.01	Correspondence	6/10/2014	1	Final	Remedial Action Completion Report for Sites '5 / 12 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1309	07.01.00.0186	07.01	Correspondence	6/10/2014	1	Final	Remedial Action Completion Report for Sites '5 / 12 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1310	07.01.00.0187	07.01	Correspondence	6/10/2014	1	Final	Remedial Action Completion Report for Sites '5 / 12 at NASA, Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Virginia	Letter	5	Paint Stain	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1311	07.01.00.0188	07.01	Correspondence	6/13/2014	1	Final	NASA Goddard Space Flight Center Wallops Flight Facility Remedial Action Completion Report Site 05 - Paint Stain and Site 12 - Former wind Tunnel	Letter	5	Paint Stain	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1312	07.08.00.0016	07.08	Remedial Action Documents	6/5/2014	2		EPA Certification RACT Sites '5 / 12	Certification Statement	5	Paint Stain		EPA		NASA
2	1313	07.08.00.0017	07.08	Remedial Action Documents	6/10/2014	2966	Final	Remedial Action Completion Report Site 5 - Paint Stain and Site 12 - Former Wind Tunnel	Report	5	Paint Stain		Tetra Tech, Inc.		NASA
2	1314	21.02.00.0045	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	11/21/2013	33		Remedial Project Manager's Meeting Summary, November 21, 2013	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1315	21.02.00.0046	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	2/19/2014	62		Remedial Project Manager's Meeting Summary, February 19-20, 2014	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1316	21.02.00.0047	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/9/2014	28		Remedial Project Manager's Meeting Summary, June 9-10, 2015	Minutes	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Project Team	
2	1317	01.01.00.0201	01.01	Pre-Remedial Investigation Correspondence	2/12/2014	3		SEDA Report - RTCs and red-line Final Version	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Lisa Johnson	VADEQ EPA EPA
2	1318	01.01.00.0202	01.01	Pre-Remedial Investigation Correspondence	2/12/2014	5		SEDA Report - red-line Final Version	Email	SEDA	South End Disposal Area	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1319	01.03.00.0051	01.03	Pre-Remedial Investigation Site Investigation Documents	2/1/2014	338	Final	Site Screening Report - South End Disposal Area	Report	SEDA	South End Disposal Area		Tetra Tech NUS, Inc. (TtNUS)		NASA
2	1320	22.02.00.0022	22.02	Facility-Wide Environmental Reference Documents	9/1/2014	187		Technical Memoradnum - The Geology/Hydrogeology NASA WFF	Report	WFF	General Site-Wide Information		Tetra Tech NUS, Inc.		NASA

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2	1321	08.01.00.0111	08.01	Correspondence	12/4/2013	1		NASA Five--Year Review	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1322	08.01.00.0112	08.01	Correspondence	2/4/2014	1		Final Five-Year Review Report for NASA WFF	letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1323	08.01.00.0113	08.01	Correspondence	2/4/2014	1		Final Five-Year Review Report for NASA WFF	letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1324	08.01.00.0114	08.01	Correspondence	2/4/2014	1		Final Five-Year Review Report for NASA WFF	letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1325	08.01.00.0115	08.01	Correspondence	3/6/2014	2		Comprehensive First Five Year Review, NASA WFF	letter	WFF	General Site-Wide Information	Kathyrn Hodgkiss	EPA	William Wrobel	NASA
2	1326	08.06.00.0007	08.06	Long Term Responses	1/1/2014	123		Five-Year Review, NASA WFF	Report	WFF	General Site-Wide Information		Tetra Tech, Inc.		NASA
2	1327	10.01.00.0106	10.01	Correspondence	2/11/2014	1	Draft	SMP FY'14-15	Email	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh Lisa Johnson	DEQ EPA EPA
2	1328	10.01.00.0107	10.01	Correspondence	3/13/2014	1	Draft	SMP FY'14-15	Email	WFF	General Site-Wide Information	Lisa Denmark	EPA	Theodore J. Meyer	NASA
2	1329	10.01.00.0108	10.01	Correspondence	3/12/2014	1	Draft	SMP FY'14-15	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1330	10.01.00.0109	10.01	Correspondence	3/19/2014	1	Final	SMP for FY' 14-15, GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1331	10.01.00.0110	10.01	Correspondence	3/19/2014	1	Final	SMP for FY' 14-15, GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1332	10.01.00.0111	10.01	Correspondence	3/19/2014	1	Final	SMP for FY' 14-15, GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1333	10.01.00.0112	10.01	Correspondence	3/21/2014	1	Final	NASA GSFC WFF, Final SMP FY'14-15	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1334	10.01.00.0113	10.01	Correspondence	3/24/2014	1		2014/15 SMP	Email	WFF	General Site-Wide Information	Lisa Johnson	EPA	Theodore J. Meyer	NASA
2	1335	10.01.00.0114	10.01	Correspondence	5/30/2014	3		Semi-Annual Progress Report for FY'2014 at NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lisa Denmark	EPA
2	1336	10.01.00.0115	10.01	Correspondence	5/30/2014	3		Semi-Annual Progress Report for FY'2014 at NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1337	10.01.00.0116	10.01	Correspondence	5/30/2014	3		Semi-Annual Progress Report for FY'2014 at NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1338	10.01.00.0117	10.01	Correspondence	8/8/2014	1		Notification of Change in RPM, NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lisa Denmark	EPA
2	1339	10.01.00.0118	10.01	Correspondence	8/8/2014	1		Notification of Change in RPM, NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steven Hirsh	EPA
2	1340	10.01.00.0119	10.01	Correspondence	8/8/2014	1		Notification of Change in RPM, NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ

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2	1341	10.01.00.0120	10.01	Correspondence	8/8/2014	1		Notification of Change in RPM, NASA GSFC WFF	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lynne Smith	VADEQ
2	1342	10.01.00.0121	10.01	Correspondence	12/17/2014	1	Draft	Draft SMP for FY'15-16, GSFC WFF	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1343	10.01.00.0122	10.01	Correspondence	12/17/2014	1	Draft	Draft SMP for FY'15-16, GSFC WFF	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lisa Denmark	EPA
2	1344	10.01.00.0123	10.01	Correspondence	12/17/2014	1	Draft	SMP for FY'15-16, GSFC WFF	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1345			No Entry				No Entry							
2	1346			No Entry				No Entry							
2	1347			No Entry				No Entry							
2	1348	10.06.00.0010	10.06	EPA Administrative Order	10/2/2014	7		List of Contractors and Subcontractors per Administrative Agreement on Consent, NASA WFF	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	DEQ EPA EPA
2	1349	10.06.00.0011	10.06	EPA Administrative Order	10/6/2014	1		NASA GSFC WFF List of Contractors and Subcontractors	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1350	10.06.00.0012	10.06	EPA Administrative Order	10/7/2014	1		NASA List of Contractors and Subcontractors	Email	WFF	General Site-Wide Information	Lisa Denmark	EPA	David Liu	NASA
2	1351	10.05.00.0015	10.05	Federal Facility Negotiations/Site Management Plan	3/13/2014	243		Site Management Plan, Fiscal Years 2014 and 2015	Report	WFF	General Site-Wide Information		Tetra Tech, Inc.		NASA
2	1352	50.02.00.0009	50.02	Repository Correspondence	3/19/2014	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Paul Herman	VADEQ
2	1353	50.02.00.0010	50.02	Repository Correspondence	3/19/2014	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Lisa Johnson	EPA
2	1354	50.02.00.0011	50.02	Repository Correspondence	3/19/2014	1		Administrative Record, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Theodore J. Meyer	NASA	Steve Hirsh	EPA
2	1355	10.01.00.0124	10.01	Correspondence	1/30/2015	1		VADEQ comments - NASA WFF - Draft Site Management Plan FY 2015 and 2016	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1356	10.01.00.0125	10.01	Correspondence	2/9/2015	2		EPA comments - NASA WFF - Draft Site Management Plan FY 2015 and 2016	Email	WFF	General Site-Wide Information	Lisa Denmark	EPA	David Liu	NASA
2	1357	10.01.00.0126	10.01	Correspondence	2/25/2015	4		NASA response to EPA comments - NASA WFF - Draft Site Management Plan FY 2015 and 2017	Email	WFF	General Site-Wide Information	David Liu	NASA	Lisa Denmark	EPA
2	1358	10.01.00.0127	10.01	Correspondence	2/25/2015	2		NASA response to VADEQ comments - NASA WFF - Draft Site Management Plan FY 2015 and 2016	Email	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1359	10.01.00.0128	10.01	Correspondence	6/9/2015	1		NASA WFF - Final Site Management Plan FY 2015 and 2016	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1360	10.01.00.0129	10.01	Correspondence	6/9/2015	1		NASA WFF - Final Site Management Plan FY 2015 and 2016	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1361	10.01.00.0130	10.01	Correspondence	6/9/2015	1		NASA WFF - Final Site Management Plan FY 2015 and 2016	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lisa Denmark	EPA
2	1362	10.05.00.0016	10.05	Federal Facility Negotiations/Site Management Plan	6/9/2015	272		NASA WFF - Final Site Management Plan FY 2015 and 2016	Report	WFF	General Site-Wide Information		Tetra Tech, Inc.		NASA

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2	1363	10.05.00.0017	10.05	Federal Facility Negotiations/Site Management Plan	6/16/2015	10		Fiscal Year 2015 - Semi-Annual Progress Report for NASA Wallops Flight Facility	Report	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	DEQ EPA EPA
2	1364	10.01.00.0131	10.01	Correspondence	7/6/2015	1		NASA WFF - Final Site Management Plan FY 2015 and 2016	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1365	01.03.00.0052	01.03	Pre-Remedial Investigation Site Investigation Documents	2/25/2015	102	Final	Site Summary and Risk Re-Evaluation Report for the MBFR Complex	Report	MBFRC	Main Base Firing Range Complex		Tetra Tech, Inc		NASA
2	1366	01.01.00.0203	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Final	Site Summary and Risk Re-Evaluation for MBFR Complex at NASA WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1367	01.01.00.0204	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Final	Site Summary and Risk Re-Evaluation for MBFR Complex at NASA WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1368	01.01.00.0205	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Final	Site Summary and Risk Re-Evaluation for MBFR Complex at NASA WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1369	01.01.00.0206	01.01	Pre-Remedial Investigation Correspondence	3/13/2015	1	Draft	AGTR Work Plan	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman Steven Hirsh Lisa Johnson	VADEQ EPA EPA
2	1370	01.01.00.0207	01.01	Pre-Remedial Investigation Correspondence	3/18/2015	1	Draft	AGTR Work Plan	Email	MBFRC	Main Base Firing Range Complex	Lisa Denmark	EPA	David Liu	NASA
2	1371	01.01.00.0208	01.01	Pre-Remedial Investigation Correspondence	3/31/2015	1	Final	Site Summary and Risk Re-Evaluation for MBFR Complex at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1372	01.01.00.0209	01.01	Pre-Remedial Investigation Correspondence	4/20/2015	3	Draft	RTC VDEQ - AGTR Work Plan	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1373	01.01.00.0210	01.01	Pre-Remedial Investigation Correspondence	4/20/2015	3	RTC	RTC EPA - AGTR Work Plan	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1374	01.01.00.0211	01.01	Pre-Remedial Investigation Correspondence	4/21/2015	1	Draft	AGTR Work Plan	Email	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1375	01.01.00.0212	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Draft	EE/CA for the MBFR Complex at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1376	01.01.00.0213	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Draft	EE/CA for the MBFR Complex at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1377	01.01.00.0214	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Draft	EE/CA for the MBFR Complex at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1378	01.01.00.0215	01.01	Pre-Remedial Investigation Correspondence	7/27/2015	1	Draft	Data Summary Report for the Rifle Range and Aircraft Gun Testing Range at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1379	01.01.00.0216	01.01	Pre-Remedial Investigation Correspondence	7/27/2015	1	Draft	Data Summary Report for the Rifle Range and Aircraft Gun Testing Range at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lisa Denmark	EPA
2	1380	01.01.00.0217	01.01	Pre-Remedial Investigation Correspondence	7/27/2015	1	Draft	Data Summary Report for the Rifle Range and Aircraft Gun Testing Range at NASA GSFC WFF	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1381	01.03.00.0053	01.03	Pre-Remedial Investigation Site Investigation Documents	4/20/2015	12	Final	Letter Work Plan AGTR Work Investigation, NASA WFF	WP	MBFRC	Main Base Firing Range Complex		Tetra Tech, Inc		NASA
2	1382	08.06.00.0008	08.06	Long Term Responses	4/15/2015	276		Final Annual Groundwater Monitoring Report for the Year 2014 for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1383	08.06.00.0009	08.06	Long Term Responses	4/17/2015	117	Final	Annual Groundwater Monitoring Report for the Year 2014 for WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA

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2	1384	08.06.00.0010	08.06	Long Term Responses	4/16/2015	17		FFTA Monitoring Well MW53S Abandonment, NASA WFF	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1385	08.06.00.0011	08.06	Long Term Responses	5/20/2015	56		Data Summary Report for March 2014 monitoring Activities at WOD	Report	WOD	Waste Oil Dump		Tetra Tech, Inc.		NASA
2	1386	08.06.00.0012	08.06	Long Term Responses	5/20/2015	82	Final	Annual Groundwater Monitoring Report for the Year 2013 for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech, Inc.		NASA
2	1387	21.02.00.0048	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	9/30/2014			Remedial Project Manager's Meeting Summary, September30, 2015	Minutes	WFF	General Site-Wide Information	David Liu	NASA	Project Team	
2	1388	01.01.00.0218	01.01	Pre-Remedial Investigation Correspondence	2/20/2015	1	Draft	AI-20 Site Screening Report	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1389	01.01.00.0219	01.01	Pre-Remedial Investigation Correspondence	2/24/2015	1	Draft	NIT Site Screening Report	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1390	01.01.00.0220	01.01	Pre-Remedial Investigation Correspondence	2/24/2015	1	Draft	NIT Site Screening at Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1391	01.01.00.0221	01.01	Pre-Remedial Investigation Correspondence	2/24/2015	1	Draft	NIT Site Screening at Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh	EPA
2	1392	01.01.00.0222	01.01	Pre-Remedial Investigation Correspondence	2/24/2015	1	Draft	NIT Site Screening at Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1393	01.01.00.0223	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Draft	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1394	01.01.00.0224	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Draft	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1395	01.01.00.0225	01.01	Pre-Remedial Investigation Correspondence	3/5/2015	1	Draft	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1396	02.02.00.0016	02.02	Removal Response Reports	5/6/2015		Final	Biological Evaluation for North Island Transformer Site Investigation and Remediation	Report	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh Lisa Denmark Paul Herman	EPA EPA VADEQ
2	1397	02.01.00.0070	02.01	Removal Response Correspondence	3/10/2015	1	Draft	AI20 Action Memo	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman Lisa Herman Steven Hirsh	VADEQ EPA EPA
2	1398	02.01.00.0071	02.01	Removal Response Correspondence	3/13/2015	1	Draft	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1399	02.01.00.0072	02.01	Removal Response Correspondence	3/13/2015	1	Draft	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1400	02.01.00.0073	02.01	Removal Response Correspondence	3/13/2015	1	Draft	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh	EPA
2	1401	02.01.00.0074	02.01	Removal Response Correspondence	3/26/2015	1		VADEQ Comments - Draft Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1402	02.01.00.0075	02.01	Removal Response Correspondence	3/30/2015	1		EPA Comments - Draft Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	e-mail	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1403	02.01.00.0076	02.01	Removal Response Correspondence	4/7/2015	1	Draft	Removal Action Work Plan for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1404	02.01.00.0077	02.01	Removal Response Correspondence	4/7/2015	1	Draft	Removal Action Work Plan for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh	EPA
2	1405	02.01.00.0078	02.01	Removal Response Correspondence	4/7/2015	1	Draft	Removal Action Work Plan for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1406	02.01.00.0079	02.01	Removal Response Correspondence	4/9/2015	1	Draft	Draft Removal Action Work Plan for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman Lisa Herman Steven Hirsh	VADEQ EPA EPA
2	1407	02.01.00.0080	02.01	Removal Response Correspondence	4/9/2015	4		EPA RTCs - AI20 Action Memo	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1408	02.01.00.0081	02.01	Removal Response Correspondence	4/9/2015	5		VDEQ RTCs - AI20 Action Memo	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1409	02.01.00.0082	02.01	Removal Response Correspondence	4/9/2015	4		VDEQ RTCs - AI20 Action Memo - VDEQ folo cmnts	e-mail	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1410	02.01.00.0083	02.01	Removal Response Correspondence	4/10/2015	2		EPA Comments for Action Memo (AI20)	e-mail	AI-20	Area of Interest 20	Steven Hirsh	EPA	David Liu	NASA

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2	1411	02.01.00.0084	02.01	Removal Response Correspondence	4/23/2015	6		VDEQ RTCs - AI20 Action Memo - VDEQ folo cmnts	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1412	02.01.00.0085	02.01	Removal Response Correspondence	4/28/2015	2		AI-20 RAWP Comments (EPA Comments)	e-mail	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1413	02.01.00.0086	02.01	Removal Response Correspondence	4/30/2015	2		Wetland Delineation Report for North Island Transformer Sites at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1414	02.01.00.0087	02.01	Removal Response Correspondence	4/30/2015	2		Wetland Delineation Report for North Island Transformer Sites at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1415	02.01.00.0088	02.01	Removal Response Correspondence	4/30/2015	2		Wetland Delineation Report for North Island Transformer Sites at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1416	02.01.00.0089	02.01	Removal Response Correspondence	4/30/2015	2		Wetland Delineation Report for North Island Transformer Sites at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Peter Kube	USACE
2	1417	02.01.00.0090	02.01	Removal Response Correspondence	5/19/2015	4	Draft	Removal Action Work Plan - Time Critical Removal Action for Area of Interest 20 (AI20) Pole-Mounted Transformer	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1418	02.01.00.0091	02.01	Removal Response Correspondence	6/15/2015	23		VDEQ RTC - AI20 RAWP; EPA RTCs - AI20 RAWP; revised Figures AI20 removal	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh Lisa Denmark Paul Herman	EPA EPA VADEQ
2	1419	02.01.00.0092	02.01	Removal Response Correspondence	6/18/2015	1	Draft	Wetland Delineation Report for North Island Transformer Sites at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	Katie Matta	BTAG	David Liu	NASA
2	1420	02.01.00.0093	02.01	Removal Response Correspondence	7/8/2015	1	Final	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1421	02.01.00.0094	02.01	Removal Response Correspondence	7/8/2015	1	Final	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1422	02.01.00.0095	02.01	Removal Response Correspondence	7/8/2015	1	Final	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh	EPA
2	1423	02.01.00.0096	02.01	Removal Response Correspondence	7/30/2015	1		AI-20 RAWP EPA&VDEQ Response to Comments	e-mail	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1424	02.01.00.0097	02.01	Removal Response Correspondence	8/10/2015	1		AI-20 Proposed lateral extent of excavation	e-mail	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1425	02.01.00.0098	02.01	Removal Response Correspondence	8/13/2015	1		RAWP Add AI-20 TCRA (Aug2015) .pdf	e-mail	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh Lisa Denmark Paul Herman	EPA EPA VADEQ
2	1426	02.01.00.0099	02.01	Removal Response Correspondence	9/3/2015	1	Final	Removal Action Work Plan for Time Critical Removal for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1427	02.01.00.0100	02.01	Removal Response Correspondence	9/3/2015	1	Final	Removal Action Work Plan for Time Critical Removal for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1428	02.01.00.0101	02.01	Removal Response Correspondence	9/3/2015	1	Final	Removal Action Work Plan for Time Critical Removal for Area of Interest 20 at NASA GSFC WFF	Letter	AI-20	Area of Interest 20	David Liu	NASA	Steven Hirsh	EPA
2	1429	02.02.00.0017	02.02	Removal Response Reports	6/15/2015			Federal Consistency Determination - Site Investigation and Remediation North Island Transformer Sites, NASA WFF	Report	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh Lisa Denmark Paul Herman	EPA EPA VADEQ
2	1430	02.02.00.0018	02.02	Removal Response Reports	6/29/2015	36	Final	Action Memo for Time Critical Removal Action for Area of Interest 20 at NASA GSFC WFF	Report	AI-20	Area of Interest 20		NASA		EPA, VADEQ
2	1431	02.02.00.0019	02.02	Removal Response Reports	6/1/2015	136	Final	Wetland DelineationNorth Wallops IslandPCB Transformer Sites	Report	NIT	North Island Transformers		Tetra Tech, Inc.		NASA
2	1432	02.02.00.0020	02.02	Removal Response Reports	7/1/2015	199	Final	Removal Action Work Plan for Time Critical Removal for Area of Interest 20 at NASA GSFC WFF	Report	AI-20	Area of Interest 20		Tetra Tech, Inc.		NASA
2	1433	02.02.00.0021	02.02	Removal Response Reports	7/28/2015	40		Revised Final Biological Evaluation North Island Transformer Sites Investig	Report	NIT	North Island Transformers		Tetra Tech, Inc.		NASA
2	1434	01.01.00.0226	01.01	Pre-Remedial Investigation Correspondence	3/13/2015	1	Draft	Work Plan for Site Characterization at North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1435	01.01.00.0227	01.01	Pre-Remedial Investigation Correspondence	3/13/2015	1	Draft	Work Plan for Site Characterization at North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1436	01.01.00.0228	01.01	Pre-Remedial Investigation Correspondence	3/13/2015	1	Draft	Work Plan for Site Characterization at North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1437	01.01.00.0229	01.01	Pre-Remedial Investigation Correspondence	3/24/2015	1		Comments on Draft Site Screening Report NIT	Email	NIT	North Island Transformers	Lisa Denmark	EPA	David Liu	NASA
2	1438	01.01.00.0230	01.01	Pre-Remedial Investigation Correspondence	3/24/2015	1		Comments on Work Plan for NIT 1 and NIT-17	Email	NIT	North Island Transformers	Lisa Denmark	EPA	David Liu	NASA
2	1439	01.01.00.0231	01.01	Pre-Remedial Investigation Correspondence	3/25/2015	1	Draft	NIT-1 & NIT-17 Site Characterizaiton Work Plan	Email	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA

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2	1440	01.01.00.0232	01.01	Pre-Remedial Investigation Correspondence	3/30/2015	3	Draft	Site Screening Report North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1441	01.01.00.0233	01.01	Pre-Remedial Investigation Correspondence	4/14/2015	1		AI-20 Site Screening Comments	Email	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1442	01.01.00.0234	01.01	Pre-Remedial Investigation Correspondence	4/23/2015			AI-20 EPA RTC; AI-20 VDEQ RTC	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1443	01.01.00.0235	01.01	Pre-Remedial Investigation Correspondence	4/23/2015			EPA RTCs2 NIT Work Plan; VDEQ RTCs2 NIT Work Plan; redline Final NIT-117 char Work Plan	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1444	01.01.00.0236	01.01	Pre-Remedial Investigation Correspondence	5/5/2015			AI-20 SSP EPA Follow On RTC	Email	AI-20	Area of Interest 20	David Liu	NASA	Lisa Denmark	EPA
2	1445	01.01.00.0237	01.01	Pre-Remedial Investigation Correspondence	5/5/2015			AI-20 Site Screening Report RTC and Redline	Email	AI-20	Area of Interest 20	David Liu	NASA	Paul Herman	VADEQ
2	1446	01.01.00.0238	01.01	Pre-Remedial Investigation Correspondence	5/11/2015	1		AI-20 Site Screening Report RTC and Redline	Email	AI-20	Area of Interest 20	Lisa Denmark	EPA	David Liu	NASA
2	1447	01.01.00.0239	01.01	Pre-Remedial Investigation Correspondence	5/11/2015	1		AI-20 Site Screening Report RTC and Redline	Email	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1448	01.01.00.0240	01.01	Pre-Remedial Investigation Correspondence	5/22/2015	1	Final	Site Screening Report for Area of Interest 20	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1449	01.01.00.0241	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Final	Work Plan for Soil Characterization at North Island Transformer NIT-1 and NIT-17 at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1450	01.01.00.0242	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Final	Work Plan for Soil Characterization at North Island Transformer NIT-1 and NIT-17 at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1451	01.01.00.0243	01.01	Pre-Remedial Investigation Correspondence	6/16/2015	1	Final	Work Plan for Soil Characterization at North Island Transformer NIT-1 and NIT-17 at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1452	01.01.00.0244	01.01	Pre-Remedial Investigation Correspondence	6/25/2015	1	Draft	Supplemental Site Screening Work Plan Addendum at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1453	01.01.00.0245	01.01	Pre-Remedial Investigation Correspondence	6/25/2015	1	Draft	Supplemental Site Screening Work Plan Addendum at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1454	01.01.00.0246	01.01	Pre-Remedial Investigation Correspondence	6/25/2015	1	Draft	Supplemental Site Screening Work Plan Addendum at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1455	01.01.00.0247	01.01	Pre-Remedial Investigation Correspondence	7/16/2015	1	Final	Soil Charaacterization Work Plan North Island Transformer NIT-1 and NIT-17	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1456	01.01.00.0248	01.01	Pre-Remedial Investigation Correspondence	7/16/2015	1	Draft	Supplemental Site Screening Work Plan Addendum at the North Island Transformers at NASA GSFC WFF	Email	NIT	North Island Transformers	Lisa Denmark	EPA	David Liu	NASA
2	1457	01.01.00.0249	01.01	Pre-Remedial Investigation Correspondence	8/10/2015	1	Final	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1458	01.01.00.0250	01.01	Pre-Remedial Investigation Correspondence	8/10/2015	1	Final	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1459	01.01.00.0251	01.01	Pre-Remedial Investigation Correspondence	8/10/2015	1	Final	Site Screening at the North Island Transformers at NASA GSFC WFF	Letter	NIT	North Island Transformers	David Liu	NASA	Lisa Denmark	EPA
2	1460	01.01.00.0252	01.01	Pre-Remedial Investigation Correspondence	7/29/2015	1	Final	Nit Supplemental Sampling Work Plan	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1461	01.03.00.0054	01.03	Pre-Remedial Investigation Site Investigation Documents	7/29/2015		Final	NIT Supplemental Sampling Work Plan	WP	NIT	North Island Transformers		Tetra Tech, Inc		NASA
2	1462	13.05.00.0011	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	7/30/2015	2		Certification of publication - Public Notice for AI20 Removal Action	PN	AI-20	Area of Interest 20		The Daily and Sunday Times		
2	1463	01.03.00.0055	01.03	Pre-Remedial Investigation Site Investigation Documents	5/12/2015	103	Final	Site Screening at Area of Interest 20 NASA Wallops Flight Facility Wallops Island, Virginia	Report	AI-20	Area of Interest 20		Tetra Tech, Inc		NASA
2	1464	01.03.00.0056	01.03	Pre-Remedial Investigation Site Investigation Documents	6/4/2015	46	Final	Work Plan Soil Characterization North Island Transformers NIT-1 and NIT-17	Report	NIT	North Island Transformers		Tetra Tech, Inc		NASA
2	1465	01.03.00.0057	01.03	Pre-Remedial Investigation Site Investigation Documents	8/5/2015	153	Final	Site Screening Report North Island Transformers	Report	NIT	North Island Transformers		Tetra Tech, Inc		NASA
2	1466	08.01.00.0116	08.01	Correspondence	1/21/2015	1		Comments on FFTA Annual GW Monitoring Report	Email	FFTA	Former Fire Training Area	Lisa Denmark	EPA	David Liu	NASA
2	1467	08.01.00.0117	08.01	Correspondence	1/30/2015	2		Annual Groundwater Monitoring Report for 2014 FFTA	letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA

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2	1468	08.01.00.0118	08.01	Correspondence	2/5/2015			WOD 2014 Annual Report VDEQ RTCs	Email	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1469	08.01.00.0119	08.01	Correspondence	2/5/2015			Comments on Draft WOD Annual Groundwater Report	Email	WOD	Waste Oil Dump	Lisa Denmark	EPA	David Liu	NASA
2	1470	08.01.00.0120	08.01	Correspondence	2/20/2015			NASA WFF - Draft Annual Groundwater Monitoring Report for the Year 2014, Waste Oil Dump	Email	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1471	08.01.00.0121	08.01	Correspondence	2/20/2015			Comments on FFTA Annual GW Monitoring Report	Email	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1472	08.01.00.0122	08.01	Correspondence	2/20/2015			NASA WFF - Draft Annual Groundwater Monitoring Report for the Year 2014, Former Fire Trainng Area	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1473	08.01.00.0123	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Former Fire Trainng Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1474	08.01.00.0124	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Former Fire Trainng Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1475	08.01.00.0125	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Former Fire Trainng Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1476	08.01.00.0126	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1477	08.01.00.0127	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1478	08.01.00.0128	08.01	Correspondence	4/21/2015	1	Final	Annual Groundwater Monitoring Report for the Year 2014 for the Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Lisa Denmark	EPA
2	1479	08.01.00.0129	08.01	Correspondence	5/22/2015	1	Final	Annual Groundwater Monitoring Report for 2014 Former Fire Training Area	letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1480	08.01.00.0130	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1481	08.01.00.0131	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1482	08.01.00.0132	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Former Fire Training Area	letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1483	08.01.00.0133	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1484	08.01.00.0134	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	David Liu	NASA	Lisa Denmark	EPA
2	1485	08.01.00.0135	08.01	Correspondence	5/27/2015	1		Data Summary Report for the March 2015 Groundwater Investigation at the Waste Oil Dump Site	letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1486	08.01.00.0136	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Former Fire Training Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Lisa Denmark	EPA
2	1487	08.01.00.0137	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Former Fire Training Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1488	08.01.00.0138	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Former Fire Training Area at NASA GSFC WFF	letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1489	08.01.00.0139	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Lisa Denmark	EPA
2	1490	08.01.00.0140	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1491	08.01.00.0141	08.01	Correspondence	7/27/2015	1	Draft	Long Term Monitoring Plan - Revision 3 for Waste Oil Dump Site at NASA GSFC WFF	letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1492	01.01.00.0253	01.01	Pre-Remedial Investigation Correspondence	6/12/2015	3		NASA GSFC WFF, Study Area Screening Evaluation, Former Navy Sites	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1493	01.01.00.0254	01.01	Pre-Remedial Investigation Correspondence	6/17/2015	1		NASA WFF - Study Area Screening Evaluation EPA Comments	Email	WFF	General Site-Wide Information	Lisa Denmark	EPA	David Liu	NASA
2	1494	01.01.00.0255	01.01	Pre-Remedial Investigation Correspondence	7/20/2015			NASA WFF - Study Area Screening Evaluation RTCs (EPA and VADEQ)	Email	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman Steven Hirsh Lisa Denmark	VADEQ EPA EPA
2	1495	08.01.00.0142	08.01	Correspondence	3/11/2015	1		Notification of Field Activities	Email	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh Lisa Denmark Paul Herman	EPA EPA VADEQ

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2	1496	08.01.00.0143	08.01	Correspondence	3/11/2015	2		NASA WFF - Drat Annual Groundwater Monitoring Report for the Year 2014, WOD	Email	WOD	Waste Oil Dump	David Liu	NASA	Lisa Denmark Paul Herman	EPA VADEQ
2	1497	07.01.00.0189	07.01	Correspondence	7/8/2011	2	Draft	Remedial Action Completion Report - FFTA	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1498	05.01.00.0084	05.01	Correspondence	12/12/2008	2	Draft	Decision Document for Archive Search Report Sites, NASA Wallops Flight Facility	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	Theodore J. Meyer	NASA
2	1499	04.01.00.0085	04.01	Feasibility Study (FS) Correspondence	8/25/2008	1		Technical Memorandum for Development of Preliminary Remediation Goals, Sites 005 and 012, NASA Wallops Flight Facility	Email	5	Paint Stain	Theodore J. Meyer	NASA	Paul Herman Steven Hirsh	VADEQ EPA
2	1500	01.01.00.0256	01.01	Pre-Remedial Investigation Correspondence	8/13/2015	1	Draft	NASA WFF -Draft Data Screening Summary Report Rifle and Air Gun Testing Range	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1501	01.01.00.0257	01.01	Pre-Remedial Investigation Correspondence	2/29/2016	1	Final	Final Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1502	01.01.00.0258	01.01	Pre-Remedial Investigation Correspondence	12/8/2015	1	Draft	Draft Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1503	01.01.00.0259	01.01	Pre-Remedial Investigation Correspondence	12/8/2015	1	Draft	Draft Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1504	01.01.00.0260	01.01	Pre-Remedial Investigation Correspondence	2/29/2016	1	Final	Final Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1505	01.01.00.0261	01.01	Pre-Remedial Investigation Correspondence	3/25/2016	1	Final	Final Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1506	01.02.00.0006	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	2/1/2016	279	Final	Final Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Report	NIT	North Island Transformers		Tetra Tech		NASA
2	1507	02.01.00.0102	02.01	Removal Response Correspondence	5/24/2016	1	Final	Final Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1508	02.01.00.0103	02.01	Removal Response Correspondence	5/24/2016	1	Final	Final Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1509	02.01.00.0104	02.01	Removal Response Correspondence	5/24/2016	1	Final	Final Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1510	02.01.00.0105	02.01	Removal Response Correspondence	4/15/2016	16	RTC	Response to Comments from EPA and VDEQ for Main Base Firing Range Complex	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1511	02.01.00.0106	02.01	Removal Response Correspondence	5/2/2016	1	Final	Final Action Memorandum for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1512	02.01.00.0107	02.01	Removal Response Correspondence	4/7/2016	1	Final	Final Action Memorandum Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1513	02.01.00.0108	02.01	Removal Response Correspondence	4/7/2016	1	Final	Final Action Memorandum Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Steven Hirsh	EPA
2	1514	02.01.00.0109	02.01	Removal Response Correspondence	4/7/2016	1	Final	Final Action Memorandum Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1515	02.01.00.0110	02.01	Removal Response Correspondence	3/16/2016	8	RTC	Response to Comments from EPA and VDEQ for Main Base Firing Range Complex	Email	AI-20	Area of Interest 20	David Liu	NASA	Lorie Baker	EPA
2	1516	02.01.00.0111	02.01	Removal Response Correspondence	2/19/2016	1	RTC	Draft Action Memorandum for Main Base Friing Range - Response to Comments	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1517	02.01.00.0112	02.01	Removal Response Correspondence	2/18/2016	1	Final	Final Removal Action Work Plan for Time-Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1518	02.01.00.0113	02.01	Removal Response Correspondence	2/18/2016	1	Final	Final Removal Action Work Plan for Time Critical Removal for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1519	02.01.00.0114	02.01	Removal Response Correspondence	2/12/2016	1	Final	Final Soil Characterization Report for North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA

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2	1520	02.01.00.0115	02.01	Removal Response Correspondence	2/22/2016	1	Final	Final Action Memorandum North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1521	02.01.00.0116	02.01	Removal Response Correspondence	2/9/2016	1		North Island Transformer I Additional Information Memorandum	Email	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1522	02.01.00.0117	02.01	Removal Response Correspondence	2/9/2016	1	Final	Final Action Memorandum forTime Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1523	02.01.00.0118	02.01	Removal Response Correspondence	2/9/2016	1	Final	Final Action Memorandum for Time Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1524	02.01.00.0119	02.01	Removal Response Correspondence	1/25/2016	10	RTC	North Island Transformer I Response to Comments	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1525	02.01.00.0120	02.01	Removal Response Correspondence	1/21/2016	1	Final	Final Soil Characterization Report for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1526	02.01.00.0121	02.01	Removal Response Correspondence	1/21/2016	1	Final	Final Soil Characterizatino Report for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1527	02.01.00.0122	02.01	Removal Response Correspondence	1/20/2016	10	RTC	North Island Transformers I Response to Comments	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1528	02.01.00.0123	02.01	Removal Response Correspondence	1/15/2016	4	Draft	Draft Action Memorandum Main Base Firing Range Complex - Response to Comments	Email	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1529	02.01.00.0124	02.01	Removal Response Correspondence	1/15/2016	1	Draft	Draft Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1530	02.01.00.0125	02.01	Removal Response Correspondence	1/15/2016	1	Draft	Draft Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1531	02.01.00.0126	02.01	Removal Response Correspondence	1/11/2016	10	Final	Final Action Memorandum for Time Critical Removal Action for North Island Transformers - Response to Comments	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1532	02.01.00.0127	02.01	Removal Response Correspondence	1/4/2016	2	Draft	Draft Removal Action Work Plan for the North Island Transformers	Letter	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1533	02.01.00.0128	02.01	Removal Response Correspondence	1/4/2016	2	Draft	Draft Action Memorandum for a Non-Time-Citical Removal Action Main Base Firing Range Complex - Pistol and Rifle Range	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1534	02.01.00.0129	02.01	Removal Response Correspondence	12/28/2015	2	Draft	Draft Action Memorandum Time-Critical Removal Action fo the North Island Transformers	Letter	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1535	02.01.00.0130	02.01	Removal Response Correspondence	12/21/2015	8	RTC	North Island Transformers 1 and 7 Soil Characterizaton - NASA Response to Comments	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1536	02.01.00.0131	02.01	Removal Response Correspondence	12/16/2015	2	Draft	Draft Action Memorandum for a Time-Critical Removal Action North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1537	02.01.00.0132	02.01	Removal Response Correspondence	12/18/2015	2	Draft	Draft Removal Action Work Plan for a Time-Critical Removal Action North Island Transformers	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1538	02.01.00.0133	02.01	Removal Response Correspondence	12/8/2015	1	Draft	Draft Removal Action Work Plan for Time Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1539	02.01.00.0134	02.01	Removal Response Correspondence	12/8/2015	1	Draft	Draft Removal Action Work Plan for Time Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1540	02.01.00.0135	02.01	Removal Response Correspondence	12/8/2015	1	Final	Final Engineering Evaluation/Cost Analysis for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1541	02.01.00.0136	02.01	Removal Response Correspondence	12/8/2015	1	Final	Final Engineering Evaluation/Cost Analysis for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ
2	1542	02.01.00.0137	02.01	Removal Response Correspondence	11/30/2015	2	Draft	Draft Soil Characterization Report North Island Transformers 1 and 7	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1543	02.01.00.0138	02.01	Removal Response Correspondence	8/25/2015	1	Draft	Draft Engineering Evaluation/Cost Analysis for the Main Base Firing Range Complex	Email	MBFRC	Main Base Firing Range Complex	Steven Hirsh	EPA	David Liu	NASA
2	1544	02.01.00.0139	02.01	Removal Response Correspondence	11/27/2015	1	Draft	Draft Action Memorandum Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Lorie Baker	EPA
2	1545	02.01.00.0140	02.01	Removal Response Correspondence	11/27/2015	1	Draft	Draft Action Memorandum Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	MBFRC	Main Base Firing Range Complex	David Liu	NASA	Paul Herman	VADEQ

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2	1546	02.01.00.0141	02.01	Removal Response Correspondence	11/25/2015	1	Draft	Draft Action Memorandum for Time Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1547	02.01.00.0142	02.01	Removal Response Correspondence	11/25/2015	1	Draft	Draft Action Memorandum for Time Critical Removal Action for North Island Transformers	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1548	02.01.00.0143	02.01	Removal Response Correspondence	10/26/2015	1	Draft	Draft Soil Characterization Report North Island Transformers 1 and 17	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1549	02.01.00.0144	02.01	Removal Response Correspondence	10/26/2015	1	Draft	Draft Soil Characterization Report for North Island Transformers 1 and 17	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1550	02.01.00.0145	02.01	Removal Response Correspondence	10/21/2015	1	Draft	Draft Soil Characterization Report North Island Transformers 1 and 17	Email	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1551	02.02.00.0022	02.02	Removal Response Reports	1/1/2016	1396		Soil Characterization Report for North Island Transformers 1 and 17	Report	NIT	North Island Transformers		Tetra Tech		NASA
2	1552	02.02.00.0023	02.02	Removal Response Reports	8/25/2015	10	Final	Replacement Pages for Final Removal Action Work Plan for Time Critical Removal Action at Area of Interest 20		NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1553	02.02.00.0024	02.02	Removal Response Reports	3/16/2016	12		Proposed Excavation Limits North Island Transformers 1 and 7	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1554	02.02.00.0025	02.02	Removal Response Reports	1/28/2016	16		Technical Memorandum for North Island Transformer 1 - Additional Information	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1555	05.07.00.0012	05.07	Records of Decision	9/1/2015	251		Study Area Screening Evaluation Former Navy Sites	Report	WFF	General Site-Wide Information		Tetra Tech		NASA
2	1556	08.04.00.0005	08.04	Contractor Work Plans and Progress Reports	9/1/2015	85		Long Term Monitoring Plan - Rev 3 for FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech		NASA
2	1557	08.04.00.0006	08.04	Contractor Work Plans and Progress Reports	9/1/2015	83		Long-Term Monitoring Plan - Rev 3 for WOD	Report	WOD	Waste Oil Dump		Tetra Tech		NASA
2	1558	08.06.00.0013	08.06	Long Term Responses	2/1/2016	83		Data Summary Report for December 2015 Groundwater Monitoring at FFTA	Report	FFTA	Former Fire Training Area		Tetra Tech		NASA
2	1559	08.06.00.0014	08.06	Long Term Responses	4/1/2016	56		Annual Groundwater Monitoring for 2015 at WOD	Report	WOD	Waste Oil Dump		Tetra Tech		NASA
2	1560	08.01.00.0144	08.01	Correspondence	5/10/2016	1	Final	Final Annual Groundwater Monitoring Report for 2015 - Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	David Liu	NASA
2	1561	08.01.00.0145	08.01	Correspondence	2/16/2016	1		Data Summary Report for the December 2015 Groundwater Investigation at Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1562	08.01.00.0146	08.01	Correspondence	2/16/2016	1		Data Summary Report for the December 2015 Groundwater Investigation at Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Lorie Baker	EPA
2	1563	08.01.00.0147	08.01	Correspondence	2/22/2016	1	Draft	Draft Annual Groundwater Monitoring Report for 2015 for the Waste Oil Dump	Email	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1564	08.01.00.0148	08.01	Correspondence	12/8/2015	1	Draft	Draft Annual Groundwater Monitoring Report for the Year 2015 for Waste Oil Dump	Letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1565	08.01.00.0149	08.01	Correspondence	12/8/2015	1	Draft	Draft Annual Groundwater Monitoring Report for the Year 2015 for the Waste Oil Dump	Letter	WOD	Waste Oil Dump	David Liu	NASA	Lorie Baker	EPA
2	1566	08.01.00.0150	08.01	Correspondence	11/13/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 Waste Oil Dump	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	David Liu	NASA
2	1567	08.01.00.0151	08.01	Correspondence	11/13/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 Former Fire Training Area	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1568	08.01.00.0152	08.01	Correspondence	2/1/2016	83	RTC	Long Term Monitoring Plan - Rev 3 Response to Comments FFTA and WOD	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1569	08.01.00.0153	08.01	Correspondence	9/21/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 for Waste Oil Dump	Letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1570	08.01.00.0154	08.01	Correspondence	9/21/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 for Waste Oil Dump	Letter	WOD	Waste Oil Dump	David Liu	NASA	Lisa Denmark	EPA
2	1571	08.01.00.0155	08.01	Correspondence	9/21/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 for Waste Oil Dump	Letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1572	08.01.00.0156	08.01	Correspondence	9/21/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1573	01.01.00.0262	01.01	Pre-Remedial Investigation Correspondence	11/25/2016	1	Final	Final Technical Memorandum for Supplemental Site Screening at Nine North Island Transformer Locations	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1574	08.01.00.0157	08.01	Correspondence	9/21/2015	1	Final	Final Long Term Monitoring Plan - Rev 3 for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA

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2	1575	08.01.00.0158	08.01	Correspondence	9/21/2015	1	Final	Fnal Long Term Monitoring Plan - Rev 3 for Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1576	10.01.00.0132	10.01	Correspondence	5/19/2016	6	RTC	NASA response to EPA comments - NASA WFF - Draft Site Management Plan FY 2016 and 2017	Email	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1577	13.05.00.0012	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	3/2/2016	1		Public Notice for Time Critical Removal Action at North Island Transformers	Public Notice	NIT	North Island Transformers		The Daily and Sunday Times		
2	1578	13.05.00.0013	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	1/13/2016	2		Certification of publication - Public Notice for Time Critical Removal Action at North Island Transformers	Public Notice	NIT	North Island Transformers		The Daily and Sunday Times		
2	1579	21.02.00.0049	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	1/29/2015	34		Remedial Project Manager's Meeting Summary, January 28 - January 29, 2015	Minutes	WFF	General Site-Wide Information	David Liu	NASA		Project Team
2	1580	21.02.00.0050	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	5/27/2015	15		Remedial Project Manager's Meeting Summary, May 27, 2015	Minutes	WFF	General Site-Wide Information	David Liu	NASA		Project Team
2	1581	21.02.00.0051	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	8/18/2015	73		Remedial Project Manager's Meeting Summary, August 18-19, 2015	Minutes	WFF	General Site-Wide Information	Susan Dunn	NASA		Project Team
2	1582	02.03.00.0003	02.03	Removal Response CERCLA Removal Site Record	1/1/2016	38	Final	Final Action Memorandum, Time-Critical Removal Action for Soil North Island Transformers	Action Memo	NIT	North Island Transformers		Tetra Tech		NASA
2	1583	02.03.00.0004	02.03	Removal Response CERCLA Removal Site Record	4/1/2016	46	Final	Final Action Memorandum, Non-Time-Critical Removal Action for Soil, Main Base Firing Range	Action Memo	MBFRC	Main Base Firing Range Complex		Tetra Tech		NASA
2	1584	01.01.00.0263	01.01	Pre-Remedial Investigation Correspondence	6/1/2016	1		WFF FUDS Draft Project 11 17-SASE	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh,Lorie Baker	EPA
2	1585	02.01.00.0146	02.01	Removal Response Correspondence	6/20/2016	1		Review of RTCs on the Draft AI-20 Construction Completion Report	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1586	08.01.00.0159	08.01	Correspondence	6/22/2016	1		Data Summary Report for the April 2016 Groundwater Investigation at the Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1587	08.01.00.0160	08.01	Correspondence	6/22/2016	1		Data Summary Report for the April 2016 Groundwater Investigation at the Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1588	08.01.00.0161	08.01	Correspondence	6/22/2016	1		Data Summary Report for the April 2016 Groundwater Investigation at the Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Lorie Baker	EPA
2	1589	08.06.00.0015	08.06	Long Term Responses	6/1/2016	55	Final	Final Data Summary Report for the April 2016 Groundwater Monitoring Activities at WOD	Report	WOD	Waste Oil Dump		Tetra Tech		NASA
2	1590	10.01.00.0133	10.01	Correspondence	6/22/2016	1	Final	NASA WFF - Final Site Management Plan FY 2016 and 2017	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1591	10.01.00.0134	10.01	Correspondence	6/22/2016	1	Final	NASA WFF - Final Site Management Plan FY 2016 and 2017	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1592	10.01.00.0135	10.01	Correspondence	6/22/2016	1	Final	NASA WFF - Final Site Management Plan FY 2016 and 2017	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1593	10.05.00.0018	10.05	Federal Facility Negotiations/Site Management Plan	6/1/2016	316		Site Management Plan FY 2016 and 2017	Report	WFF	General Site-Wide Information		Tetra Tech		NASA
2	1594	10.05.00.0019	10.05	Federal Facility Negotiations/Site Management Plan	6/1/2016	8	Final	Semi-Annual Progress Report for FY 2016	Report	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh,Lorie Baker	EPA
2	1595	13.05.00.0014	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	5/25/2016	2		Certification of Publication - Public Notice for Proposed Plans for Project 15 - Active Remediation Projects Sites 14 and 15 - Debris Piles FUDS	Public Notice	WFF	General Site-Wide Information		Eastern Shore News		

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2	1596	21.02.00.0052	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	12/8/2015	66		Remedial Project Manager's Meeting Summary, December 8, 2015	Minutes	WFF	General Site-Wide Information	Susan Dunn	NASA		Project Team
2	1597	21.02.00.0053	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	3/22/2016	44		Remedial Project Managers Meeting Summary, Mar 22, 2016	Minutes	WFF	General Site-Wide Information	Susan Dunn	NASA		Project Team
2	1598	01.01.00.0264	01.01	Pre-Remedial Investigation Correspondence	9/13/2016	1	Draft	NASA Wallops Flight Facility - Draft Work Plan for Site Investigation at Buildings F-10A, F-10B, N-166	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1599	01.01.00.0265	01.01	Pre-Remedial Investigation Correspondence	9/13/2016	1	Draft	NASA Wallops Flght Facility - Draft Work Plan for Site Investigaton at Buildings F-10A, F-10B, N-166	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1600	01.01.00.0266	01.01	Pre-Remedial Investigation Correspondence	9/13/2016	1	Draft	NASA Wallops Flight Facility - Draft Work Plan for Site Investigation at Buildings F-10A, F-10B, N-166	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1601	02.01.00.0147	02.01	Removal Response Correspondence	6/14/2016	1	Final	Final Work Plan for Non-Time-Critical Removal Action - Pitsol and Rifle Range	Letter	MBFRC	Main Base Firing Range Complex	Paul Herman	VADEQ	David Liu	NASA
2	1602	02.01.00.0148	02.01	Removal Response Correspondence	6/28/2016	1		Pistol and Rifle RangeExcavation Plan	Email	WFF	General Site-Wide Information	Steven Hirsh	EPA	David Liu	NASA
2	1603	02.01.00.0149	02.01	Removal Response Correspondence	6/27/2016	2		Pistol and Rifle RangeExcavation Plan	Email	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1604	02.02.00.0026	02.02	Removal Response Reports	6/27/2016	12		Pistol and Rifle RangeExcavation Plan	Email	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh,Lorie Baker	EPA
2	1605	02.03.00.0005	02.03	Removal Response CERCLA Removal Site Record	7/1/2016	10		Consensus Document NFA	Report	NIT	North Island Transformers		Tetra Tech		NASA
2	1606	02.03.00.0006	02.03	Removal Response CERCLA Removal Site Record	7/1/2016	683		Construction Completion Report Time-Critical Removal Action for Soil	Report	AI-20	Area of Interest 20		Tetra Tech		NASA
2	1607	07.01.00.0190	07.01	Correspondence	8/12/2016	1	Draft	Draft Construction Completion Report for the Time-Critical Removal Action for Soil	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1608	07.01.00.0191	07.01	Correspondence	8/12/2016	1	Draft	Draft Construction Completion Report for the Time-Critical Removal Action for Soil	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1609	07.01.00.0192	07.01	Correspondence	8/12/2016	1	Draft	Draft Construction Completion Report for the Time-Critical Removal Action for Soil	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1610	07.01.00.0193	07.01	Correspondence	7/28/2016	1	Final	Final Consensus Document for No Further Action	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1611	07.01.00.0194	07.01	Correspondence	7/28/2016	1	Final	Final Consensus Document for No Further Action	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1612	07.01.00.0195	07.01	Correspondence	7/27/2016	1	Final	Final Construction Completion Report for Time-Critical Removal Action	Letter	AI-20	Area of Interest 20	Paul Herman	VADEQ	David Liu	NASA
2	1613	07.01.00.0196	07.01	Correspondence	7/18/2016	1	RTC	WFF NIT Consensus Document RTCs	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1614	07.01.00.0197	07.01	Correspondence	7/14/2016	1	Final	Final Construction Completion Report for AI20	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1615	07.01.00.0198	07.01	Correspondence	7/14/2016	1	Final	Final Construction Completion Report for AI20	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1616	07.01.00.0199	07.01	Correspondence	7/14/2016	1	Final	Final Construction Completion Report for AI20	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1617	07.01.00.0200	07.01	Correspondence	7/14/2016	1	RTC	EPA RTCs - NFA Consensus - NITs - Other	Email	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh,Lorie Baker	EPA
2	1618	08.01.00.0162	08.01	Correspondence	8/12/2016	1		Groundwater Investigation for Perfluorinated Compounds	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Lorie Baker	EPA

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2	1619	08.01.00.0163	08.01	Correspondence	8/12/2016	1		Groundwater Investigation for Perfluorinated Compounds	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1620	08.01.00.0164	08.01	Correspondence	8/12/2016	1		Groundwater Investigation for Perfluorinated Compounds	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1621	08.01.00.0165	08.01	Correspondence	9/30/2016	1	Draft	Draft Work Plan for the PFC Investigaton	Email	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu,Paul Herman	NASA,VADEQ
2	1622	08.01.00.0166	08.01	Correspondence	9/14/2016	1	Draft	Draft Work Plan for the PFC Investigaton	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1623	08.06.00.0016	08.06	Long Term Responses	8/5/2016	14	Final	Final Letter Work Plan for Monitoring Well Installation	Report	FFTA	Former Fire Training Area		Tetra Tech		NASA
2	1624	10.01.00.0136	10.01	Correspondence	7/5/2016	1	Final	NASA WFF - Final Site Management Plan FY 2016 and 2017	Letter	WFF	General Site-Wide Information	Paul Herman	VADEQ	David Liu	NASA
2	1625	10.01.00.0137	10.01	Correspondence	5/24/2016	1	RTC	NASA WFF - FY 2016 and 2017 Site Management Plan RTCs	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1626	01.01.00.0267	01.01	Pre-Remedial Investigation Correspondence	12/9/2016	1	Final	NASA Wallops Flight Facility - Final Project 11 and 17 Areas of Interest Study Area Screening Evaluation	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1627	01.01.00.0268	01.01	Pre-Remedial Investigation Correspondence	12/9/2016	1	Final	NASA Wallops Flight Facility - Final Project 11 and 17 Areas of Interest Study Area Screening Evaluation	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1628	01.01.00.0269	01.01	Pre-Remedial Investigation Correspondence	12/9/2016	1	Final	NASA Wallops FlightFacility - Final Project 11 and 17 Areas of Interest Study Area Screening Evaluation	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1629	01.01.00.0270	01.01	Pre-Remedial Investigation Correspondence	12/21/2016	1	Final	Final Work Plan for Site Investigation at Buildings F-10A, F-10B, N-166, and the former Circular Area at NASA Goddard Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1630	01.01.00.0271	01.01	Pre-Remedial Investigation Correspondence	12/21/2016	1	Final	Final Work Plan for Site Investigation at Buildings F-10A, F-10B, N-166, and the former Circular Area at NASA Goddard Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1631	01.01.00.0272	01.01	Pre-Remedial Investigation Correspondence	12/21/2016	1	Final	Final Work Plan for Site Investigation at Buildings F-10A, F-10B, N-166, and the former Circular Area at NASA Goddard Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1632	02.01.00.0150	02.01	Removal Response Correspondence	10/11/2016	1	Final	Final Construction Completion Report for Area of Interest - 20 at NASA Goddard Space Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1633	02.01.00.0151	02.01	Removal Response Correspondence	10/11/2016	1	Final	Final Construction Completion Report for Area of Interest - 20 at NASA Goddard Space Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1634	02.01.00.0152	02.01	Removal Response Correspondence	10/11/2016	1	Final	Final Construction Completion Report for Area of Interest - 20 at NASA Goddard Space Flight Center	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1635	02.01.00.0153	02.01	Removal Response Correspondence	10/27/2016	2	Draft	Draft Construction Completion Report For Time Critical Removal Action for Soil NIT Sites	Letter	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1636	02.01.00.0154	02.01	Removal Response Correspondence	10/31/2016	10	RTC	Projects 11 and 17 Study Area Screening Evaluation Response to Comments	Email	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1637	02.01.00.0155	02.01	Removal Response Correspondence	11/10/2016	6	RTC	Response to Comments from EPA and VDEQ for North Island Transformer Construction Completion Report	Email	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1638	02.01.00.0156	02.01	Removal Response Correspondence	11/10/2016	1	Draft	Draft Construction Completion Report for Time Critical Removal Action for the Main Base Firing RangeComplex	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	EPA
2	1639	02.01.00.0157	02.01	Removal Response Correspondence	11/10/2016	1	Draft	Draft Construction Completion Report for Time Critical Removal Action for the Main Base Firing RangeComplex	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1640	02.01.00.0158	02.01	Removal Response Correspondence	11/10/2016	1	Draft	Draft Construction Completion Report for Time Critical Removal Action fo rthe Main Base Firing Range Complex	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ

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2	1641	02.01.00.0159	02.01	Removal Response Correspondence	12/9/2016	1	Final	Final Construction Completion Report for the Time Critical Removal Action for Soil at North Island Transformers (NIT) 1, 7, 14, and 17	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1642	02.01.00.0160	02.01	Removal Response Correspondence	12/9/2016	1	Final	Final Construction Completion Report for the Time Critical Removal Action for Soil at North Island Transformers (NIT) 1, 7, 14, and 17	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1643	02.01.00.0161	02.01	Removal Response Correspondence	12/9/2016	1	Final	Final Construction Completion Report for the Time Critical Removal Action for Soil at North Island Transformers (NIT) 1, 7, 14, and 17	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1644	02.01.00.0162	02.01	Removal Response Correspondence	12/28/2016	1	Final	Final Construction Completion Report for the Time Critical Removal Action for Soil at North Island Transformers (NIT) 1, 7, 14, and 17	Letter	NIT	North Island Transformers	Paul Herman	VADEQ	David Liu	NASA
2	1645	02.01.00.0163	02.01	Removal Response Correspondence	1/12/2017	2708	Final	Final Construction Completion Report for the Time Critical Removal Action for Soil at North Island Transformers (NIT) 1, 7, 14, and 17	Report	NIT	North Island Transformers		Tetra Tech	David Liu	NASA
2	1646	02.02.00.0027	02.02	Removal Response Reports	12/1/2016	2708	Final	Final Construction Completion Report Time-Critical Removal Action for Soil North Island Transformers 1, 7, 14, 17	Report	NIT	North Island Transformers		Tetra Tech		NASA
2	1647	05.01.00.0085	05.01	Correspondence	10/11/2016	1	Final	Final Consensus Documents for NFA at North Island Transformers 2 thru16	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1648	05.01.00.0086	05.01	Correspondence	10/11/2016	1	Final	Final Consensus Documents for NFA at North Island Transformers 2 thru16	Letter	NIT	North Island Transformers	David Liu	NASA	Paul Herman	VADEQ
2	1649	05.01.00.0087	05.01	Correspondence	10/11/2016	1	Final	Final Consensus Documents for NFA at North Island Transformers 2 thru16	Letter	NIT	North Island Transformers	David Liu	NASA	Steven Hirsh	EPA
2	1650	05.01.00.0088	05.01	Correspondence	2/3/2017	1	Draft Final	Draft Final Site 9 Record of Decision w/ Response to Comments track changes	Email	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman,Steven Hirsh,Dawn Flusher	VADEQ,EPA
2	1651	08.01.00.0167	08.01	Correspondence	11/10/2016	1	Final	Final Work Plan for the Groundwater Investigation for PFCs	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1652	08.01.00.0168	08.01	Correspondence	10/13/2016	5	Draft	Draft Work Plan Groundwater Investigation Respnse to Comments	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman,Steven Hirsh,Lorie Baker	VADEQ,EPA
2	1653	08.01.00.0169	08.01	Correspondence	1/3/2017	1	Final	Data Summary Report for the December 2016 Groundwater Investigation at Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1654	08.01.00.0170	08.01	Correspondence	1/3/2017	1	Final	Data Summary Report for the December 2016 Groundwater Investigation at Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Lorie Baker	EPA
2	1655	08.01.00.0171	08.01	Correspondence	1/3/2017	1	Final	Data Summary Report for the December 2016 Groundwater Investigation at Former Fire Training Area	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman	VADEQ
2	1656	08.01.00.0172	08.01	Correspondence	1/3/2017	1	Draft	Draft Annual Groundwater Monitoring Report FY 2016 for the WOD Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Lorie Baker	EPA
2	1657	08.01.00.0173	08.01	Correspondence	1/3/2017	1	Draft	Draft Annual Groundwater Monitoring Report FY 2016 for the WOD Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Steven Hirsh	EPA
2	1658	08.01.00.0174	08.01	Correspondence	1/3/2017	1	Draft	Draft Annual Groundwater Monitoring Report FY 2016 for the WOD Site	Letter	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1659	08.01.00.0175	08.01	Correspondence	1/12/2017	1	Final	Data Summary Report - Sept. 2016 Groundwater Monitoring	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1660	08.01.00.0176	08.01	Correspondence	1/30/2017	1	Final	Annual Groundwater Monitoring Report 2016	Letter	WOD	Waste Oil Dump	Paul Herman	VADEQ	David Liu	NASA
2	1661	08.01.00.0177	08.01	Correspondence	2/2/2017	1	Draft	Draft Annual Groundwater Monitoring Report FY 2016 for the WOD Site	Letter	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1662	08.01.00.0178	08.01	Correspondence	2/3/2017	1	Draft	Draft Data Summary Report for the 2016Groundwater Investigation	Email	FFTA	Former Fire Training Area	David Liu	NASA	Paul Herman,Lorie Baker,Steven Hirsh	VADEQ,EPA
2	1663	08.04.00.0007	08.04	Contractor Work Plans and Progress Reports	10/1/2016	72	Final	Final Work Plan- Groundwater Investigation for Perfluorinated Compounds	Report	FFTA	Former Fire Training Area		Tetra Tech		NASA

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2	1664	08.06.00.0017	08.06	Long Term Responses	12/1/2016	85		Data Summary Report September 2016 Groundwater Monitoring	Report	FFTA	Former Fire Training Area		Tetra Tech		NASA
2	1665	10.01.00.0138	10.01	Correspondence	12/9/2016	1	Draft	Draft Site Management Plan for FY 2017 and 2018	Letter	WFF	General Site-Wide Information	David Liu	NASA	Lorie Baker	EPA
2	1666	10.01.00.0139	10.01	Correspondence	12/9/2016	1	Draft	Draft Site Management Plan for FY 2017 and 2018	Letter	WFF	General Site-Wide Information	David Liu	NASA	Steven Hirsh	VADEQ
2	1667	10.01.00.0140	10.01	Correspondence	12/9/2016	1	Draft	Draft Site Management Plan for FY 2017 and 2018	Letter	WFF	General Site-Wide Information	David Liu	NASA	Paul Herman	VADEQ
2	1668	10.01.00.0141	10.01	Correspondence	1/24/2017	338	Final	Final Site Management Plan FY 2016 and 2017	Report	WFF	General Site-Wide Information		Tetra Tech	David Liu	N
2	1669	21.02.00.0054	21.02	Remedial Project Managers (RPM) Meeting Minutes, Handouts, and Materials	6/21/2016	23		Remedial Project Managers Meeting Summary, June 2016	Minutes	WFF	General Site-Wide Information	Susan Dunn	NASA		Project Team
2	1670	01.01.00.0273	01.01	Pre-Remedial Investigation Correspondence	11/25/2016	1	Final	Final Work Plan for the Groundvvater Investigation for Perfluorinated Compounds at Fonner Fire Training Area	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1671	02.01.00.0164	02.01	Removal Response Correspondence	11/25/2016	1	RTC	NASA response to EPA comments on the North Island Transformers 1, 7, 14, and 17	Email	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1672	02.01.00.0165	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Construction Completion Report for AI-20, Pole-Mounted Transformer	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1673	02.01.00.0166	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Soil Characterization Report for the North Island Transformers 1 and 17	Letter	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1674	02.01.00.0167	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Removal Action Work Plan for the Non-Time-Critical Removal Action at the Main Base Firing Range Complex	Letter	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1675	02.01.00.0168	02.01	Removal Response Correspondence	12/25/2016	1	Final	Final Engineering Evaluation and Cost Analysis for the Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1676	02.01.00.0169	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Action Memo for the Non-Time-Critical Removal Action for the Main Base Firing Range Complex	Letter	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1677	02.01.00.0170	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Removal Action Work Plan for the Non-Time-Critical Removal Action for Soils for the North Island Transformers 1 7, 14 17	Letter	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1678	02.01.00.0171	02.01	Removal Response Correspondence	11/25/2016	1	Final	Final Action Memo for the Time-Critical Removal Action for Soils for the North Island Transformers 1, 7, 14, and 17	Letter	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1679	02.01.00.0172	02.01	Removal Response Correspondence	11/25/2016	1	RTC	Study Area Screening Evaluation Response to Comments	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1680	05.01.00.0089	05.01	Correspondence	11/25/2016	1	Final	Final Consensus Document for North Island Transformers	Email	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1681	08.01.00.0179	08.01	Correspondence	11/25/2016	1	Final	Final Annual Groundwater Monitoring Report for the Year 2015 for the Waste Oil Dump Site	Letter	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1682	10.01.00.0142	10.01	Correspondence	11/28/2016	1		Site Management Plan Extension	Email	WFF	General Site-Wide Information	Lorie Baker	EPA	David Liu	NASA
2	1683	08.01.00.0180	08.01	Correspondence	2/6/2017	1	RTC	CY'16 Annual Groundwater Summary Report	Email	WOD	Waste Oil Dump	Lorie Baker	USEPA	David Liu	NASA
2	1684	08.01.00.0181	08.01	Correspondence	2/6/2017	1	RTC	CY'16 Annual Groundwater Summary Report	Email	WOD		Paul Herman	VADEQ	David Liu	NASA
2	1685	08.06.00.0018	08.06	Long Term Responses	2/6/2017	57	Final	CY'16 Annual Groundwater Summary Report	Report	WOD	Waste Oil Dump		Tetra Tech	David Liu	NASA
2	1686	08.01.00.0182	08.01	Correspondence	3/13/2017	1	Final EPA Acceptance	CY'16 Annual Groundwater Summary Report	Letter	WOD	Waste Oil Dump	Paul Herman	USEPA	David Liu	NASA

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2	1687	08.01.00.0183	08.01	Correspondence	9/4/2018	1	Final EPA Acceptance	CY'16 Annual Groundwater Summary Report	Letter	WOD	Waste Oil Dump	Lorie Baker	USEPA	David Liu	NASA
2	1688	08.06.00.0019	08.06	Long Term Responses	3/13/2018	48	Final	CY'17 Annual Groundwater Summary Report	Report	WOD	Waste Oil Dump		Tetra Tech	David Liu	NASA
2	1689	08.01.00.0184	08.01	Correspondence	2/1/2018	1	Final Submittal to DEQ	CY'17 Annual Groundwater Summary Report	Email	WOD	Waste Oil Dump	David Liu	NASA	Paul Herman	VADEQ
2	1690	08.01.00.0185	08.01	Correspondence	2/1/2018	2	Final Submittal to EPA	CY'17 Annual Groundwater Summary Report	Email	WOD	Waste Oil Dump	David Liu	NASA	Lorie Baker	EPA
2	1691	08.01.00.0186	08.01	Correspondence	2/28/2018	1	Final DEQ Acceptance	CY'17 Annual Groundwater Summary Report	Email	WOD	Waste Oil Dump	Paul Herman	VADEQ	David Liu	NASA
2	1692	08.01.00.0187	08.01	Correspondence	2/22/2018	2	Final EPA Acceptance	CY'17 Annual Groundwater Summary Report	Email	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1693	08.01.00.0188	08.01	Correspondence	1/30/2019	2	RTC	Five-Year Review	Email	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1694	08.01.00.0189	08.01	Correspondence	12/14/2018	1	RTC	Five-Year Review	Letter	WOD	Waste Oil Dump	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1695	08.06.00.0020	08.06	Long Term Responses	2/18/2019	141	Final	Five-Year Review	Report	WOD	Waste Oil Dump		Tetra Tech	David Liu	NASA
2	1696	08.01.00.0190	08.01	Correspondence	2/19/2019	1	Final DEQ Acceptance	Five-Year Review	Letter	WOD	Waste Oil Dump	Brett Fisher	VADEQ	David Liu	NASA
2	1697	08.01.00.0191	08.01	Correspondence	2/13/2019	2	Final EPA Acceptance	Five-Year Review	Email	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1698	08.01.00.0192	08.01	Correspondence	3/7/2019	2	Final EPA Acceptance	Five-Year Review	Letter	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1699	08.06.00.0021	08.06	Long Term Responses	2/18/2021	52	Final	CY'20 Groundwater Summary Report	Report	WOD	Waste Oil Dump		Tetra Tech	David Liu	NASA
2	1700	08.01.00.0193	08.01	Correspondence	3/23/2021	1	Final EPA Acceptance	CY'20 Groundwater Summary Report	Letter	WOD	Waste Oil Dump	Lorie Baker	EPA	David Liu	NASA
2	1701	13.05.00.0015	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	2/18/2019	1	Final	Public Notice	Notice	WOD	Waste Oil Dump	David Liu	NASA		
2	1702	08.06.00.0022	08.06	Long Term Responses	1/3/2017	85	Final	Round Eleven Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1703	08.01.00.0194	08.01	Correspondence	1/3/2017	3	Final Submittal to EPA	Round Eleven Sampling Report	Letter	FFTA	Former Fire Training Area	David Liu	NASA	Steven Hirsh	EPA
2	1704	08.01.00.0195	08.01	Correspondence	1/11/2017	1	Final DEQ Acceptance	Round Eleven Sampling Report	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1705	08.01.00.0196	08.01	Correspondence	1/12/2017	1	Final EPA Acceptance	Round Eleven Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1706	01.01.00.0274	01.01	Pre-Remedial Investigation Correspondence	5/9/2017	1	RTC	PFAS Sampling Report	RTC	FFTA	Former Fire Training Area		Tetra Tech		EPA
2	1707	01.01.00.0275	01.01	Pre-Remedial Investigation Correspondence	5/22/2017	2	RTC	PFAS Sampling Report	RTC				Tetra Tech		VDEQ
2	1708	01.03.00.0058	01.03	Pre-Remedial Investigation Site Investigation Documents	6/28/2017	57	Final	PFAS Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA

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2	1709	01.01.00.0276	01.01	Pre-Remedial Investigation Correspondence	6/21/2017	2	Final DEQ Acceptance	PFAS Sampling Report	Email	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1710	01.01.00.0277	01.01	Pre-Remedial Investigation Correspondence	9/7/2017	1	Final EPA Acceptance	PFAS Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1711	08.06.00.0023	08.06	Long Term Responses	11/13/2017	80	Final	Round Twelve Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1712	08.01.00.0197	08.01	Correspondence	12/5/2017	1	Final EPA Acceptance	Round Twelve Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1713	08.06.00.0024	08.06	Long Term Responses	9/1/2019	151	Final	Round Thirteen Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	NASA	
2	1714	08.01.00.0198	08.01	Correspondence	6/26/2018	38	RTC	Round Thirteen Sampling Report	RTC	FFTA	Former Fire Training Area		DEQ / EPA	David Liu	NASA
2	1715	08.01.00.0199	08.01	Correspondence	11/4/2019	1	Final DEQ Acceptance	Round Thirteen Sampling Report	Letter	FFTA	Former Fire Training Area	Paul Herman	VADEQ	David Liu	NASA
2	1716	08.01.00.0200	08.01	Correspondence	9/20/2018	1	Final EPA Acceptance	Round Thirteen Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1717	08.01.00.0201	08.01	Correspondence	11/30/2018	2	RTC	Five-Year Review	RTC	FFTA	Former Fire Training Area		Tetra Tech	EPA	
2	1718	08.01.00.0202	08.01	Correspondence	12/14/2018	1	RTC	Five-Year Review	RTC	FFTA	Former Fire Training Area	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1719	08.01.00.0203	08.01	Correspondence	11/14/2018	1	RTC	Five-Year Review	RTC	FFTA	Former Fire Training Area	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1720	08.01.00.0204	08.01	Correspondence	11/16/2018	1	RTC	Five-Year Review	RTC	FFTA	Former Fire Training Area	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1721	08.01.00.0205	08.01	Correspondence	10/11/2018	3	RTC	Five-Year Review	Email	FFTA	Former Fire Training Area	Brett Fisher	VADEQ	David Liu	NASA
2	1722	08.06.00.0025	08.06	Long Term Responses	2/18/2019	141	Final	Five-Year Review	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1723	08.01.00.0206	08.01	Correspondence	2/19/2019	1	Final DEQ Acceptance	Five-Year Review	Letter	FFTA	Former Fire Training Area	Brett Fisher	VADEQ	David Liu	NASA
2	1724	08.01.00.0207	08.01	Correspondence	3/7/2019	2	Final EPA Acceptance	Five-Year Review	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1725	08.06.00.0026	08.06	Long Term Responses	2/18/2021	85	Final	Round Fifteen Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1726	08.01.00.0208	08.01	Correspondence	1/11/2021	2	Final EPA Acceptance	Round Fifteen Sampling Report	Email	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1727	08.01.00.0209	08.01	Correspondence	3/23/2021	1	Final EPA Acceptance	Round Fifteen Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1728	08.01.00.0210	08.01	Correspondence	2/1/2022	2	RTC	Round Sixteen Sampling Report	RTC	FFTA	Former Fire Training Area		Tetra Tech	Lorie Baker	EPA
2	1729	08.06.00.0027	08.06	Long Term Responses	5/25/2022	84	Final	Round Sixteen Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1730	08.01.00.0211	08.01	Correspondence	10/27/2022	1	Final EPA Acceptance	Round Sixteen Sampling Report	Letter	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1731	13.05.00.0016	13.05	Public Meetings-- transcripts with public comment, attendance list, agenda, and all public meetings	3/21/2019	3	Public	Public Notice	Public Notice	FFTA	Former Fire Training Area		Tetra Tech		

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2	1732	08.06.00.0028	08.06	Long Term Responses	8/24/2023	91	Final	Round Seventeen Sampling Report	Report	FFTA	Former Fire Training Area		Tetra Tech	David Liu	NASA
2	1733	08.01.00.0212	08.01	Correspondence	8/24/2023	3	Final EPA Acceptance	Round Seventeen Sampling Report	Email	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1734	08.01.00.0213	08.01	Correspondence	1/11/2021	2	RTC	Round Fifteen Sampling Report	Email	FFTA	Former Fire Training Area	Lorie Baker	EPA	David Liu	NASA
2	1735	07.01.00.0201	07.01	Correspondence	2/17/2017	2	RTC	Removal Action Construction Completion Report and Concurrence Statement	RTC	PR	Pistol Range		Tetra Tech	Lorie Baker	EPA
2	1736	07.01.00.0202	07.01	Correspondence	2/17/2017	2	RTC	Removal Action Construction Completion Report and Concurrence Statement	RTC	PR	Pistol Range		Tetra Tech		VADEQ
2	1737	07.08.00.0018	07.08	Remedial Action Documents	3/21/2017	1436	Final	Removal Action Construction Completion Report and Concurrence Statement	Report	PR	Pistol Range		Tetra Tech	David Liu	NASA
2	1738	07.01.00.0203	07.01	Correspondence	4/7/2017	2	Final Submittal to EPA	Removal Action Construction Completion Report and Concurrence Statement	Letter	PR	Pistol Range	David Liu	NASA	Lorie Baker	EPA
2	1739	07.01.00.0204	07.01	Correspondence	5/11/2017	1	Final DEQ Acceptance	Removal Action Construction Completion Report and Concurrence Statement	Letter	PR	Pistol Range	Paul Herman	VADEQ	David Liu	NASA
2	1740	07.01.00.0205	07.01	Correspondence	4/28/2017	1	Final EPA Acceptance	Removal Action Construction Completion Report and Concurrence Statement	Letter	PR	Pistol Range	Lorie Baker	EPA	David Liu	NASA
2	1741	07.08.00.0019	07.08	Remedial Action Documents	3/21/2017	2708	Final	NIT-1, -7, -14, and -17 Removal Action Completion Report and NFA Concurrence Statement	Report	NIT	North Island Transformers		Tetra Tech	David Liu	NASA
2	1742	07.01.00.0206	07.01	Correspondence	12/9/2016	3	Final Submittal to EPA	NIT-1, -7, -14, and -17 Removal Action Completion Report and NFA Concurrence Statement	Letter	NIT	North Island Transformers	David Liu	NASA	Lorie Baker	EPA
2	1743	07.01.00.0207	07.01	Correspondence	12/28/2016	1	Final DEQ Acceptance	NIT-1, -7, -14, and -17 Removal Action Completion Report and NFA Concurrence Statement	Letter	NIT	North Island Transformers	Paul Herman	VADEQ		
2	1744	07.01.00.0208	07.01	Correspondence	1/12/2017	1	Final EPA Acceptance	NIT-1, -7, -14, and -17 Removal Action Completion Report and NFA Concurrence Statement	Letter	NIT	North Island Transformers	Lorie Baker	EPA	David Liu	NASA
2	1745	01.01.00.0278	01.01	Pre-Remedial Investigation Correspondence	2/3/2018	3	RTC	Site Screening Report	RTC	F-10A / F-10B	0		Tetra Tech		EPA
2	1746	01.01.00.0279	01.01	Pre-Remedial Investigation Correspondence	9/7/2017	2	RTC	Site Screening Report	Letter	F-10A / F-10B		Lorie Baker	EPA		
2	1747	01.02.00.0007	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	6/1/2017	59	RTC	Site Screening Report	Redline	F-10A / F-10B			VADEQ	David Liu	NASA
2	1748	01.01.00.0280	01.01	Pre-Remedial Investigation Correspondence	1/18/2018	1	RTC	Site Screening Report	Letter	F-10A / F-10B		Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1749	01.01.00.0281	01.01	Pre-Remedial Investigation Correspondence	1/31/2018	3	RTC	Site Screening Report	Letter	F-10A / F-10B		Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1750	01.01.00.0282	01.01	Pre-Remedial Investigation Correspondence	1/22/2018	2	RTC	Site Screening Report	Letter	F-10A / F-10B		Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1751	01.01.00.0283	01.01	Pre-Remedial Investigation Correspondence	12/4/2017	3	RTC	Site Screening Report	RTC	F-10A / F-10B			Tetra Tech		EPA
2	1752	01.01.00.0284	01.01	Pre-Remedial Investigation Correspondence	12/4/2017	5	RTC	Site Screening Report	RTC	F-10A / F-10B			NASA		EPA
2	1753	01.01.00.0285	01.01	Pre-Remedial Investigation Correspondence	5/31/2023	1	RTC	ESI Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		USEPA
2	1754	01.01.00.0286	01.01	Pre-Remedial Investigation Correspondence	8/3/2023	1	RTC	ESI Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		VADEQ
2	1755	01.03.00.0059	01.03	Pre-Remedial Investigation Site Investigation Documents	9/11/2023	988	Final	ESI Work Plan	Report	PFAS	PFAS Program		Tetra Tech		
2	1756	01.01.00.0287	01.01	Pre-Remedial Investigation Correspondence	4/19/2017	1	RTC	Work Plan	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA

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2	1757	01.02.00.0008	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	8/8/2017	14	Final	Work Plan	Report	PFAS	PFAS Program		Tetra Tech		
2	1758	01.01.00.0288	01.01	Pre-Remedial Investigation Correspondence	4/11/2017	2	Final DEQ Acceptance	Work Plan	Email	PFAS	PFAS Program	Paul Herman	VADEQ	David Liu	NASA
2	1759	01.01.00.0289	01.01	Pre-Remedial Investigation Correspondence	4/19/2017	2	Final EPA Acceptance	Work Plan	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1760	01.01.00.0290	01.01	Pre-Remedial Investigation Correspondence	8/11/2017	3	RTC	Perimeter Well Work Plan	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1761	01.01.00.0291	01.01	Pre-Remedial Investigation Correspondence	8/11/2017	1	RTC	Perimeter Well Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		VADEQ
2	1762	01.01.00.0292	01.01	Pre-Remedial Investigation Correspondence	8/11/2017	1	RTC	Perimeter Well Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		VDH
2	1763	01.02.00.0009	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	8/23/2017	114	Final	Perimeter Well Work Plan	Report	PFAS	PFAS Program		Tetra Tech		
2	1764	01.01.00.0293	01.01	Pre-Remedial Investigation Correspondence	4/7/2017	1	Final Submittal to DEQ	Perimeter Well Work Plan	Email	PFAS	PFAS Program	David Liu	NASA	Lorie Baker	EPA
2	1765	01.01.00.0294	01.01	Pre-Remedial Investigation Correspondence	4/7/2017	1	Final Submittal to EPA	Perimeter Well Work Plan	Email	PFAS	PFAS Program	David Liu	NASA	Paul Herman	VADEQ
2	1766	01.01.00.0295	01.01	Pre-Remedial Investigation Correspondence	8/14/2017	2	Final DEQ Acceptance	Perimeter Well Work Plan	Email	PFAS	PFAS Program	Paul Herman	VADEQ	David Liu	NASA
2	1767	01.01.00.0296	01.01	Pre-Remedial Investigation Correspondence	9/7/2017	1	Final EPA Acceptance	Perimeter Well Work Plan	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1768	01.02.00.0010	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	9/13/2017	123	RTC	Aquifer Test Work Plan	Redline	PFAS	PFAS Program		VADEQ	David Liu	NASA
2	1769	01.01.00.0297	01.01	Pre-Remedial Investigation Correspondence	9/13/2017	1	RTC	Aquifer Test Work Plan	Letter	PFAS	PFAS Program	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1770	01.01.00.0298	01.01	Pre-Remedial Investigation Correspondence	9/13/2017	3	RTC	Aquifer Test Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		VADEQ
2	1771	01.01.00.0299	01.01	Pre-Remedial Investigation Correspondence	9/13/2017	2	RTC	Aquifer Test Work Plan	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1772	01.01.00.0300	01.01	Pre-Remedial Investigation Correspondence	9/13/2017	1	RTC	Aquifer Test Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		EPA
2	1773	01.01.00.0301	01.01	Pre-Remedial Investigation Correspondence	9/13/2017	1	RTC	Aquifer Test Work Plan	RTC	PFAS	PFAS Program		Tetra Tech		VDH
2	1774	01.01.00.0302	01.01	Pre-Remedial Investigation Correspondence	9/21/2017	3	RTC	Sampling Report	RTC	PFAS	PFAS Program		Tetra Tech	Paul Herman	VADEQ
2	1775	01.01.00.0303	01.01	Pre-Remedial Investigation Correspondence	9/21/2017	1	RTC	Sampling Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1776	01.02.00.0011	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	8/23/2017	124	Final	Aquifer Test Work Plan	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1777	01.01.00.0304	01.01	Pre-Remedial Investigation Correspondence	10/10/2017	1	Final DEQ Acceptance	Aquifer Test Work Plan	Email	PFAS	PFAS Program	Paul Herman	VADEQ	David Liu	NASA
2	1778	01.01.00.0305	01.01	Pre-Remedial Investigation Correspondence	10/27/2017	1	Final EPA Acceptance	Aquifer Test Work Plan	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1779	01.03.00.0060	01.03	Pre-Remedial Investigation Site Investigation Documents	10/17/2017	88	Final	Sampling Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA

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2	1780	01.01.00.0306	01.01	Pre-Remedial Investigation Correspondence	10/27/2017	1	Final EPA Acceptance	Sampling Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1781	01.01.00.0307	01.01	Pre-Remedial Investigation Correspondence	6/18/2018	11	RTC	Preliminary Assessment and Site Investigation Work Plan	RTC	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1782	01.01.00.0308	01.01	Pre-Remedial Investigation Correspondence	6/18/2018	2	RTC	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1783	01.01.00.0309	01.01	Pre-Remedial Investigation Correspondence	6/25/2018	1	RTC	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1784	01.01.00.0310	01.01	Pre-Remedial Investigation Correspondence	2/6/2019	209	RTC	Preliminary Assessment and Site Investigation Work Plan	Redline	PFAS	PFAS Program		VADEQ	Tetra Tech	
2	1785	01.01.00.0311	01.01	Pre-Remedial Investigation Correspondence	7/9/2018	2	RTC	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1786	01.01.00.0312	01.01	Pre-Remedial Investigation Correspondence	2/21/2019	81	RTC	Preliminary Assessment and Site Investigation Work Plan	Redline	PFAS	PFAS Program		VADEQ	Tetra Tech	
2	1787	01.01.00.0313	01.01	Pre-Remedial Investigation Correspondence	2/15/2019	1	RTC	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1788	01.01.00.0314	01.01	Pre-Remedial Investigation Correspondence	2/20/2019	1	RTC	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1789	01.01.00.0315	01.01	Pre-Remedial Investigation Correspondence	11/28/2018	2	RTC	Perimeter Well/Aquifer Test Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1790	01.01.00.0316	01.01	Pre-Remedial Investigation Correspondence	11/28/2018	1	RTC	Perimeter Well/Aquifer Test Report	Letter	PFAS	PFAS Program	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1791	01.03.00.0061	01.03	Pre-Remedial Investigation Site Investigation Documents	2/8/2019	379	Final	Perimeter Well/Aquifer Test Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1792	01.01.00.0317	01.01	Pre-Remedial Investigation Correspondence	8/14/2018	2	Final DEQ Acceptance	Perimeter Well/Aquifer Test Report	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1793	01.01.00.0318	01.01	Pre-Remedial Investigation Correspondence	1/31/2019	4	Final EPA Acceptance	Perimeter Well/Aquifer Test Report	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1794	01.02.00.0012	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	3/29/2019	207	Final	Preliminary Assessment and Site Investigation Work Plan	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1795	01.01.00.0319	01.01	Pre-Remedial Investigation Correspondence	4/8/2019	1	Final DEQ Acceptance	Preliminary Assessment and Site Investigation Work Plan	Email	PFAS	PFAS Program	Paul Herman	VADEQ	David Liu	NASA
2	1796	01.01.00.0320	01.01	Pre-Remedial Investigation Correspondence	2/14/2019	1	Final EPA Acceptance	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1797	01.01.00.0321	01.01	Pre-Remedial Investigation Correspondence	12/20/2019	1	Final EPA Acceptance	Preliminary Assessment and Site Investigation Work Plan	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1798	01.01.00.0322	01.01	Pre-Remedial Investigation Correspondence	9/9/2019	5	RTC	2018 Annual PFAS Report	RTC	PFAS	PFAS Program		VADEQ	David Liu	NASA
2	1799	01.01.00.0323	01.01	Pre-Remedial Investigation Correspondence	9/12/2019	2	RTC	2018 Annual PFAS Report	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1800	01.03.00.0062	01.03	Pre-Remedial Investigation Site Investigation Documents	9/27/2019	1075	Final	2018 Annual PFAS Report	Report	PFAS	PFAS Program		Tetra Tech		
2	1801	01.01.00.0324	01.01	Pre-Remedial Investigation Correspondence	11/4/2019	1	Final DEQ Acceptance	2018 Annual PFAS Report	Letter	PFAS	PFAS Program	Paul Herman	VADEQ	David Liu	NASA
2	1802	01.01.00.0325	01.01	Pre-Remedial Investigation Correspondence	12/20/2019	1	Final EPA Acceptance	2018 Annual PFAS Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA

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2	1803	01.01.00.0326	01.01	Pre-Remedial Investigation Correspondence	9/23/2020	2	RTC	Site Investigation Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1804	01.01.00.0327	01.01	Pre-Remedial Investigation Correspondence	9/23/2020	4	RTC	Site Investigation Report	RTC	PFAS	PFAS Program		Tetra Tech		VADEQ
2	1805	01.01.00.0328	01.01	Pre-Remedial Investigation Correspondence	7/15/2020	3	RTC	Site Investigation Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1806	01.01.00.0329	01.01	Pre-Remedial Investigation Correspondence	10/20/2020	2	RTC	Site Investigation Report	Letter	PFAS	PFAS Program	Martin Gehlhaus	Risk Assessment	Lorie Baker	EPA
2	1807	01.02.00.0013	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	11/18/2020	668	Final	Site Investigation Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1808	01.01.00.0330	01.01	Pre-Remedial Investigation Correspondence	1/28/2021	1	Final DEQ Acceptance	Site Investigation Report	Letter	PFAS	PFAS Program	Kyle Newman	VADEQ	David Liu	NASA
2	1809	01.01.00.0331	01.01	Pre-Remedial Investigation Correspondence	12/21/2020	1	Final EPA Acceptance	Site Investigation Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1810	01.01.00.0332	01.01	Pre-Remedial Investigation Correspondence	7/18/2023	1	Final EPA Acceptance	Site Investigation Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1811	01.03.00.0063	01.03	Pre-Remedial Investigation Site Investigation Documents	1/19/2021	705	Final	2019 Annual PFAS Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1812	01.01.00.0333	01.01	Pre-Remedial Investigation Correspondence	1/15/2021	1	Final DEQ Acceptance	2019 Annual PFAS Report	Letter	PFAS	PFAS Program	Kyle Newman	VADEQ	David Liu	NASA
2	1813	01.01.00.0334	01.01	Pre-Remedial Investigation Correspondence	2/17/2021	1	Final EPA Acceptance	2019 Annual PFAS Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1814	01.03.00.0064	01.03	Pre-Remedial Investigation Site Investigation Documents	7/30/2021	392	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1815	01.03.00.0065	01.03	Pre-Remedial Investigation Site Investigation Documents	8/11/2021	456	Final	Facility-Wide PFAS Quality Assurance Project Plan	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1816	01.01.00.0335	01.01	Pre-Remedial Investigation Correspondence	7/8/2021	6	RTC	Response to Comments	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1817	01.01.00.0336	01.01	Pre-Remedial Investigation Correspondence	6/29/2021	2	Final DEQ Acceptance	Facility-Wide PFAS Quality Assurance Project Plan	Email	PFAS	PFAS Program	Kyle Newman	VADEQ	David Liu	NASA
2	1818	01.01.00.0337	01.01	Pre-Remedial Investigation Correspondence	6/30/2021	1	Final EPA Acceptance	Facility-Wide PFAS Quality Assurance Project Plan	Letter	PFAS	PFAS Program	Eric Graybill	Lab EPA	Lorie Baker	EPA
2	1819	01.04.00.0008	01.04	Pre-Remedial Investigation Expanded Site Investigation	8/11/2021	301	Final	Work Plan for Expanded PFAS SI on Main Base	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1820	01.01.00.0338	01.01	Pre-Remedial Investigation Correspondence	7/30/2021	1	RTC	Work Plan for Expanded PFAS SI on Main Base	Letter	PFAS	PFAS Program	Eric Graybill	Lab EPA	Lorie Baker	EPA
2	1821	01.01.00.0339	01.01	Pre-Remedial Investigation Correspondence	6/29/2021	2	Final DEQ Acceptance	Work Plan for Expanded PFAS SI on Main Base	Email	PFAS	PFAS Program	Kyle Newman	VADEQ	David Liu	NASA
2	1822	01.01.00.0340	01.01	Pre-Remedial Investigation Correspondence	8/27/2021	1	Final EPA Acceptance	Work Plan for Expanded PFAS SI on Main Base	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1823	01.01.00.0341	01.01	Pre-Remedial Investigation Correspondence	7/30/2021	1	Final EPA Acceptance	Work Plan for Expanded PFAS SI on Main Base	Letter	PFAS	PFAS Program	Eric Graybill	Lab EPA	Lorie Baker	EPA
2	1824	01.03.00.0066	01.03	Pre-Remedial Investigation Site Investigation Documents	7/12/2021	424	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1825	01.03.00.0067	01.03	Pre-Remedial Investigation Site Investigation Documents	10/8/2021	445	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1826	01.01.00.0342	01.01	Pre-Remedial Investigation Correspondence	9/24/2021	3	RTC	Work Plan for PFAS SI on Wallops Island	RTC	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA

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2	1827	01.02.00.0014	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	9/28/2021	324	Final	Work Plan for PFAS SI on Wallops Island	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1828	01.01.00.0343	01.01	Pre-Remedial Investigation Correspondence	8/18/2022	1	Final EPA Acceptance	Work Plan for PFAS SI on Wallops Island	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1829	01.03.00.0068	01.03	Pre-Remedial Investigation Site Investigation Documents	11/5/2021	468	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1830	01.01.00.0344	01.01	Pre-Remedial Investigation Correspondence	12/13/2021	3	RTC	Work Plan for Routine PFAS Sampling	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1831	01.02.00.0015	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	10/21/2021	154	Final	PFAS SI Addendum Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1832	01.01.00.0345	01.01	Pre-Remedial Investigation Correspondence	2/24/2021	2	RTC	PFAS SI Addendum Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1833	01.01.00.0346	01.01	Pre-Remedial Investigation Correspondence	2/3/2021	2	Final DEQ Acceptance	PFAS SI Addendum Report	Email	PFAS	PFAS Program	Kyle Newman	VADEQ	David Liu	NASA
2	1834	01.01.00.0347	01.01	Pre-Remedial Investigation Correspondence	8/18/2022	1	Final EPA Acceptance	PFAS SI Addendum Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1835	01.03.00.0069	01.03	Pre-Remedial Investigation Site Investigation Documents	12/20/2021	488	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1836	01.03.00.0070	01.03	Pre-Remedial Investigation Site Investigation Documents	1/12/2022	509	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1837	01.03.00.0071	01.03	Pre-Remedial Investigation Site Investigation Documents	1/25/2022	167	Final	Work Plan for Routine PFAS Sampling	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1838	01.01.00.0348	01.01	Pre-Remedial Investigation Correspondence	12/13/2021	3	Final EPA Acceptance	Work Plan for Routine PFAS Sampling	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1839	01.01.00.0349	01.01	Pre-Remedial Investigation Correspondence	12/14/2022	1	Final EPA Acceptance	Work Plan for Routine PFAS Sampling	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1840	01.01.00.0350	01.01	Pre-Remedial Investigation Correspondence	7/18/2023	1	Final EPA Acceptance	Work Plan for Routine PFAS Sampling	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1841	01.01.00.0351	01.01	Pre-Remedial Investigation Correspondence	5/25/2023	1	Final EPA Acceptance	Work Plan for Routine PFAS Sampling	Letter	PFAS	PFAS Program	Bruce Pluta	Bio Tch Group	Lorie Baker	EPA
2	1842	01.03.00.0072	01.03	Pre-Remedial Investigation Site Investigation Documents	3/1/2022	548	Final	Town of Chincoteague PFAS Treatment System Monthly Reports	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1843	01.01.00.0352	01.01	Pre-Remedial Investigation Correspondence	4/21/2023	6	RTC	2021 Annual Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1844	01.01.00.0353	01.01	Pre-Remedial Investigation Correspondence	6/1/2023	3	RTC	2021 Annual Report	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1845	01.01.00.0354	01.01	Pre-Remedial Investigation Correspondence	4/6/2022	733	Final	2020 Annual Report	Report	PFAS	PFAS Program		Tetra Tech	David Liu	NASA
2	1846	01.01.00.0355	01.01	Pre-Remedial Investigation Correspondence	12/3/2021	2	RTC	2020 Annual Report	Email	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1847	01.01.00.0356	01.01	Pre-Remedial Investigation Correspondence	4/6/2022	2	RTC	2020 Annual Report	RTC	PFAS	PFAS Program		Tetra Tech	Lorie Baker	EPA
2	1848	01.01.00.0357	01.01	Pre-Remedial Investigation Correspondence	4/26/2022	1	Final EPA Acceptance	2020 Annual Report	Letter	PFAS	PFAS Program	Lorie Baker	EPA	David Liu	NASA
2	1849	01.01.00.0358	01.01	Pre-Remedial Investigation Correspondence	9/11/2020	2	Final DEQ Acceptance	Alternate Source Report for the Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	Ashby Scott	VADEQ	Theodore Meyer	NASA
2	1850	01.02.00.0016	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	6/6/2023	320	Final	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Report	Open Burn Area	Open Burn Area		Tetra Tech	David Liu	NASA

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2	1851	01.01.00.0359	01.01	Pre-Remedial Investigation Correspondence	6/10/2021	3	RTC	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	Lorie Baker	EPA	David Liu	NASA
2	1852	01.01.00.0360	01.01	Pre-Remedial Investigation Correspondence	1/27/2022	1	Final Submittal to DEQ	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	David Liu	NASA	Kyle Newman	VADEQ
2	1853	01.01.00.0361	01.01	Pre-Remedial Investigation Correspondence	1/27/2022	1	Final Submittal to EPA	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	David Liu	NASA	Lorie Baker	EPA
2	1854	01.01.00.0362	01.01	Pre-Remedial Investigation Correspondence	7/30/2021	1	Final EPA Acceptance	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	Eric Graybill	Lab EPA	Lorie Baker	EPA
2	1855	01.01.00.0363	01.01	Pre-Remedial Investigation Correspondence	8/27/2021	1	Final EPA Acceptance	Uniform Federal Policy – Sampling and Analysis Plan (UFP-SAP) for Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	Lorie Baker	EPA	David Liu	NASA
2	1856	01.02.00.0017	01.02	Pre-Remedial Investigation Preliminary Assessment Documents	July 2020 (DEQ)	112	Final	Investigation Summary Report for the Open Burn Area Perchlorate Investigation	Report	Open Burn Area	Open Burn Area	Tetra Tech			
2	1857	01.01.00.0364	01.01	Pre-Remedial Investigation Correspondence	1/27/2022	1	Final Submittal to DEQ	Investigation Summary Report for the Open Burn Area Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	David Liu	NASA	Kyle Newman	VADEQ
2	1858	01.01.00.0365	01.01	Pre-Remedial Investigation Correspondence	1/27/2022	1	Final Submittal to EPA	Investigation Summary Report for the Open Burn Area Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	David Liu	NASA	Lorie Baker	EPA
2	1859	01.01.00.0366	01.01	Pre-Remedial Investigation Correspondence	9/18/2020	2	Final Submittal to EPA	Investigation Summary Report for the Open Burn Area Perchlorate Investigation	Letter	Open Burn Area	Open Burn Area	David Liu	NASA	Lorie Baker	EPA
2	1860	10.05.00.0020	10.05	Federal Facility Negotiations/Site Management Plan	5/8/2017	5	Final	Fiscal Year 2017 - Semi-Annual Progress Report	Report	--	#N/A		Tetra Tech	David Liu	NASA
2	1861	10.01.00.0143	10.01	Correspondence	5/8/2017	6	RTC	Fiscal Year 2017 - Semi-Annual Progress Report	RTC					David Liu	NASA
2	1862	10.05.00.0021	10.05	Federal Facility Negotiations/Site Management Plan	12/11/2017	331	Final	Fiscal Year 2018 and 2019 - Annual SMP Update	Report	--	#N/A		Tetra Tech	David Liu	NASA
2	1863	10.01.00.0144	10.01	Correspondence	2/22/2018	1	RTC	Fiscal Year 2018 and 2019 - Annual SMP Update	RTC	--	#N/A		Tetra Tech	Lorie Baker	EPA
2	1864	10.01.00.0145	10.01	Correspondence	1/18/2018	2	RTC	Fiscal Year 2018 and 2019 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1865	10.05.00.0022	10.05	Federal Facility Negotiations/Site Management Plan	1/10/2019	335	RTC	Fiscal Year 2018 and 2019 - Annual SMP Update	Redline	--	#N/A		VADEQ		
2	1866	10.01.00.0146	10.01	Correspondence	12/11/2017	2	RTC	Fiscal Year 2018 and 2019 - Annual SMP Update	RTC	--	#N/A		VADEQ	Tetra Tech	
2	1867	10.01.00.0147	10.01	Correspondence	9/20/2018	1	Final EPA Acceptance	Fiscal Year 2018 and 2019 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1868	10.05.00.0023	10.05	Federal Facility Negotiations/Site Management Plan	7/14/2018	4	Final	Fiscal Year 2018 - Semi-Annual Progress Report	Report	--	#N/A		Tetra Tech		
2	1869	10.05.00.0024	10.05	Federal Facility Negotiations/Site Management Plan	12/21/2018	335	Final	Fiscal Year 2019 and 2020 - Annual SMP Update	Report	--	#N/A		Tetra Tech		
2	1870	10.05.00.0025	10.05	Federal Facility Negotiations/Site Management Plan	6/27/2019	3	Final	Fiscal Year 2019 - Semi-Annual Progress Report	Report	--	#N/A		Tetra Tech		
2	1871	10.05.00.0026	10.05	Federal Facility Negotiations/Site Management Plan	6/27/2019	326	RTC	Fiscal Year 2019 - Semi-Annual Progress Report	Report				Tetra Tech		
2	1872	10.05.00.0027	10.05	Federal Facility Negotiations/Site Management Plan	11/27/2019	367	Final	Fiscal Year 2020 and 2021 - Annual SMP Update	Report	--	#N/A		Tetra Tech		

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2	1873	10.01.00.0148	10.01	Correspondence	12/17/2019	4	RTC	Fiscal Year 2020 and 2021 - Annual SMP Update	Letter	--	#N/A	Paul Herman	VADEQ	David Liu	NASA
2	1874	10.01.00.0149	10.01	Correspondence	4/8/2021	2	RTC	Fiscal Year 2020 and 2021 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1875	10.05.00.0028	10.05	Federal Facility Negotiations/Site Management Plan	7/15/2020	4	Final	Fiscal Year 2020 - Semi-Annual Progress Report	Report	--	#N/A			David Liu	NASA
2	1876	10.05.00.0029	10.05	Federal Facility Negotiations/Site Management Plan	9/1/2021	371	Final	Fiscal Year 2021 and 2022 - Annual SMP Update	Report	--	#N/A		Tetra Tech	David Liu	NASA
2	1877	10.01.00.0150	10.01	Correspondence	4/28/2021	2	RTC	Fiscal Year 2021 and 2022 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1878	10.01.00.0151	10.01	Correspondence	9/9/2021	2	Final Submittal to DEQ	Fiscal Year 2021 and 2022 - Annual SMP Update	Letter	--	#N/A	David Liu	NASA	Kyle Newman	VADEQ
2	1879	10.01.00.0152	10.01	Correspondence	9/9/2021	2	Final Submittal to EPA	Fiscal Year 2021 and 2022 - Annual SMP Update	Letter	--	#N/A	David Liu	NASA	Lorie Baker	EPA
2	1880	10.01.00.0153	10.01	Correspondence	9/20/2021	1	Final EPA Acceptance	Fiscal Year 2021 and 2022 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1881	10.05.00.0030	10.05	Federal Facility Negotiations/Site Management Plan	9/9/2021	5	Final	Fiscal Year 2021 - Semi-Annual Progress Report	Report	--	#N/A		Tetra Tech		
2	1882	10.05.00.0031	10.05	Federal Facility Negotiations/Site Management Plan	9/1/2022	381	Final	Fiscal Year 2022 and 2023 - Annual SMP Update	Report	--	#N/A		Tetra Tech	David Liu	NASA
2	1883	10.05.00.0032	10.05	Federal Facility Negotiations/Site Management Plan	9/28/2022	5	Final	Fiscal Year 2022 - Semi-Annual Progress Report	Report	--	#N/A		Tetra Tech		
2	1884	10.05.00.0033	10.05	Federal Facility Negotiations/Site Management Plan	9/1/2023	372	Final	Fiscal Year 2023 and 2024 - Annual SMP Update	Report	--	#N/A		Tetra Tech	David Liu	NASA
2	1885	10.01.00.0154	10.01	Correspondence	4/24/2023	2	RTC	Fiscal Year 2023 and 2024 - Annual SMP Update	Email	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1886	10.01.00.0155	10.01	Correspondence	4/24/2023	2	RTC	Fiscal Year 2023 and 2024 - Annual SMP Update	RTC	--	#N/A		Tetra Tech	Lorie Baker	EPA
2	1887	10.01.00.0156	10.01	Correspondence	9/28/2023	2	Final Submittal to EPA	Fiscal Year 2023 and 2024 - Annual SMP Update	Letter	--	#N/A	David Liu	NASA	Lorie Baker	EPA
2	1888	10.01.00.0157	10.01	Correspondence	9/28/2023	2	Final DEQ Acceptance	Fiscal Year 2023 and 2024 - Annual SMP Update	Letter	--	#N/A	David Liu	NASA	Kyle Newman	VADEQ
2	1889	10.01.00.0158	10.01	Correspondence	9/20/2021	1	Final EPA Acceptance	Fiscal Year 2023 and 2024 - Annual SMP Update	Letter	--	#N/A	Lorie Baker	EPA	David Liu	NASA
2	1890	10.01.00.0159	10.01	Correspondence	5/30/2014	5	Final	Fiscal Year 2014 - Semi-Annual Progress Report	Letter	--	#N/A	T J Meyer	NASA	Lisa Denmark	EPA
2	1891	10.01.00.0160	10.01	Correspondence	5/30/2014	1	Final	Fiscal Year 2014 - Semi-Annual Progress Report	Email	--	#N/A	TJ Meyer	NASA	Lisa Denmark	EPA
2	1892	03.01.00.0079	03.01	Remedial Investigation Correspondence	3/31/2021	20	RTC	RI Report	RTC	13	Boat Basin/Ordnance Disposal Area		Tetra Tech		EPA
2	1893	03.01.00.0080	03.01	Remedial Investigation Correspondence	3/31/2021	12	RTC	RI Report	RTC	13	Boat Basin/Ordnance Disposal Area		Tetra Tech	David Liu	NASA

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2	1894	03.01.00.0081	03.01	Remedial Investigation Correspondence	3/31/2021	23	RTC	RI Report	RTC	13	Boat Basin/Ordnance Disposal Area		Tetra Tech		VADEQ
2	1895	03.01.00.0082	03.01	Remedial Investigation Correspondence	3/31/2021	50	RTC	RI Report	RTC	13	Boat Basin/Ordnance Disposal Area		Tetra Tech		VADEQ
2	1896	04.08.00.0005	04.08	FS Proposed Plans for Selected Remedial Action	4/1/2022	21	RTC	Proposed Plan	Redline	13	Boat Basin/Ordnance Disposal Area		EPA		Tetra Tech
2	1897	04.08.00.0006	04.08	FS Proposed Plans for Selected Remedial Action	2/1/2022	22	RTC	Proposed Plan	Redline	13	Boat Basin/Ordnance Disposal Area		EPA		Tetra Tech
2	1898	04.01.00.0086	04.01	Feasibility Study (FS) Correspondence	2/1/2022	1		Proposed Plan	Letter	13	Boat Basin/Ordnance Disposal Area	Lorie Baker	EPA	David Liu	NASA
2	1899	05.01.00.0090	05.01	Correspondence	3/16/2018	2	RTC	ROD	Letter	13	Boat Basin/Ordnance Disposal Area	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1900	05.01.00.0091	05.01	Correspondence	10/26/2018	1	RTC	ROD	Letter	13	Boat Basin/Ordnance Disposal Area	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1901	05.07.00.0013	05.07	Records of Decision	2/1/2023	53	RTC	ROD	Redline	13	Boat Basin/Ordnance Disposal Area		EPA		Tetra Tech
2	1902	03.01.00.0083	03.01	Remedial Investigation Correspondence	10/18/2017	6	RTC	RI Sampling and Analysis Plan	RTC	Project 09	Skeet Range FUDS Program		Tetra Tech		EPA
2	1903	03.01.00.0084	03.01	Remedial Investigation Correspondence	1/31/2018	1	RTC	RI Sampling and Analysis Plan	Letter	Project 09	Skeet Range FUDS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1904	03.01.00.0085	03.01	Remedial Investigation Correspondence	11/16/2017	7	RTC	RI Sampling and Analysis Plan	RTC	Project 09	Skeet Range FUDS Program	Tetra Tech			EPA
2	1905	03.01.00.0086	03.01	Remedial Investigation Correspondence	11/16/2017	2	RTC	RI Sampling and Analysis Plan	Letter	Project 09	Skeet Range FUDS Program	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1906	03.01.00.0087	03.01	Remedial Investigation Correspondence	12/11/2017	2	RTC	RI Sampling and Analysis Plan	Letter	Project 09	Skeet Range FUDS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1907	03.04.00.0009	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	9/29/2017	159	RTC	RI Sampling and Analysis Plan	Redline	Project 09	Skeet Range FUDS Program		VADEQ		Tetra Tech
2	1908	03.01.00.0088	03.01	Remedial Investigation Correspondence	2/6/2018	2	RTC	RI Sampling and Analysis Plan	Letter	Project 09	Skeet Range FUDS Program	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1909	03.04.00.0010	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	3/9/2018	166	Final	RI Sampling and Analysis Plan	Report	Project 09	Skeet Range FUDS Program		Tetra Tech	David Liu	NASA
2	1910	03.01.00.0089	03.01	Remedial Investigation Correspondence	3/21/2018	1	Final DEQ Acceptance	RI Sampling and Analysis Plan	Email	Project 09	Skeet Range FUDS Program	Paul Herman	VADEQ	David Liu	NASA
2	1911	03.01.00.0090	03.01	Remedial Investigation Correspondence	10/23/2018	3	RTC	RI Sampling and Analysis Plan - Addendum	RTC	Project 09	Skeet Range FUDS Program		Tetra Tech		EPA
2	1912	03.04.00.0011	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	11/19/2018	34	RTC	RI Sampling and Analysis Plan - Addendum	RTC	Project 09	Skeet Range FUDS Program	Robert Sok	Tetra Tech		VADEQ

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2	1913	03.01.00.0091	03.01	Remedial Investigation Correspondence	1/2/2019	1	RTC	RI Sampling and Analysis Plan - Addendum	Letter	Project 09	Skeet Range FUDS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1914	03.01.00.0092	03.01	Remedial Investigation Correspondence	9/21/2018	2	RTC	RI Sampling and Analysis Plan - Addendum	Letter	Project 09	Skeet Range FUDS Program	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1915	03.04.00.0012	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	11/19/2018	34	Final	RI Sampling and Analysis Plan - Addendum	Report	Project 09	Skeet Range FUDS Program	Robert Sok	Tetra Tech	David Liu	NASA
2	1916	03.01.00.0093	03.01	Remedial Investigation Correspondence	12/6/2019	18	RTC	RI Report	RTC	Project 09	Skeet Range FUDS Program		Tetra Tech	Lorie Baker	EPA
2	1917	03.01.00.0094	03.01	Remedial Investigation Correspondence	12/9/2019	3	RTC	RI Report	Letter	Project 09	Skeet Range FUDS Program	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1918	03.01.00.0095	03.01	Remedial Investigation Correspondence	12/9/2019	1	RTC	RI Report	Letter	Project 09	Skeet Range FUDS Program	Martin Gehlhaus	Risk Assessment	Lorie Baker	EPA
2	1919	03.07.00.0015	03.07	Remedial Investigation (RI) Report	12/9/2019	67	RTC	RI Report	Redline	Project 09	Skeet Range FUDS Program	Lorie Baker	EPA	Tetra Tech	
2	1920	03.01.00.0096	03.01	Remedial Investigation Correspondence	10/30/2019 6	5	RTC	RI Report	Letter	Project 09	Skeet Range FUDS Program	Paul Herman	VADEQ	David Liu	NASA
2	1921	03.01.00.0097	03.01	Remedial Investigation Correspondence	12/30/2019	7	RTC	RI Report	RTC	Project 09	Skeet Range FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1922	03.01.00.0098	03.01	Remedial Investigation Correspondence	12/30/2019	10	RTC	RI Report	RTC	Project 09	Skeet Range FUDS Program	Paul Herman	VADEQ	David Liu	NASA
2	1923	03.07.00.0016	03.07	Remedial Investigation (RI) Report	1/20/2020	771	Final	RI Report	Report	Project 09	Skeet Range FUDS Program		Tetra Tech	David Liu	NASA
2	1924	03.01.00.0099	03.01	Remedial Investigation Correspondence	2/20/2020	1	Final DEQ Acceptance	RI Report	Letter	Project 09	Skeet Range FUDS Program	Paul Herman	VADEQ	David Liu	NASA
2	1925	01.04.00.0009	01.04	Pre-Remedial Investigation Expanded Site Investigation	1/24/2018	33	RTC	ESI Work Plan, AI-28 and AI-67	Redline	Project 11	Main Base Areas of Interest FUDS Program		VADEQ	Tetra Tech	
2	1926	01.01.00.0367	01.01	Pre-Remedial Investigation Correspondence	12/20/2017	1	RTC	ESI Work Plan, AI-28 and AI-67	RTC	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1927	01.01.00.0368	01.01	Pre-Remedial Investigation Correspondence	1/11/2018	2	RTC	ESI Work Plan, AI-28 and AI-67	RTC	Project 11	Main Base Areas of Interest FUDS Program		VADEQ	David Liu	NASA
2	1928	01.04.00.0010	01.04	Pre-Remedial Investigation Expanded Site Investigation	1/11/2018	34	Final	ESI Work Plan, AI-28 and AI-67	Report	Project 11	Main Base Areas of Interest FUDS Program		Tetra Tech	David Liu	NASA
2	1929	01.01.00.0369	01.01	Pre-Remedial Investigation Correspondence	1/10/2018	1	Final DEQ Acceptance	ESI Work Plan, AI-28 and AI-67	Email	Project 11	Main Base Areas of Interest FUDS Program	Paul Herman	VADEQ	David Liu	NASA
2	1930	01.01.00.0370	01.01	Pre-Remedial Investigation Correspondence	12/21/2017	1	Final EPA Acceptance	ESI Work Plan, AI-28 and AI-67	Email	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1931	01.01.00.0371	01.01	Pre-Remedial Investigation Correspondence	2/20/2018	1	Final EPA Acceptance	ESI Work Plan, AI-28 and AI-67	Letter	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1932	03.01.00.0100	03.01	Remedial Investigation Correspondence	6/1/2020	33	RTC	RI Work Plan	RTC	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA

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2	1933	03.01.00.0101	03.01	Remedial Investigation Correspondence	3/26/2019	9	RTC	RI Work Plan	Letter	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1934	03.01.00.0102	03.01	Remedial Investigation Correspondence	6/1/2020	5	RTC	RI Work Plan	Letter	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1935	03.01.00.0103	03.01	Remedial Investigation Correspondence	6/1/2020	3	RTC	RI Work Plan	RTC	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1936	03.04.00.0013	03.04	Remedial Investigation Work Plans (including FSAP and QAPP), Progress Reports	3/12/2019	315	RTC	RI Work Plan	Redline	Project 11	Main Base Areas of Interest FUDS Program		VADEQ	David Liu	NASA
2	1937	03.01.00.0104	03.01	Remedial Investigation Correspondence	6/2/2020	9	RTC	RI Work Plan	RTC	Project 11	Main Base Areas of Interest FUDS Program		VADEQ	David Liu	NASA
2	1938	01.04.00.0011	01.04	Pre-Remedial Investigation Expanded Site Investigation	12/21/2020	369	Final	RI Work Plan	Report	Project 11	Main Base Areas of Interest FUDS Program		Tetra Tech	David Liu	NASA
2	1939	01.01.00.0372	01.01	Pre-Remedial Investigation Correspondence	8/27/2018	1	RTC	ESI Report, AI-28 and AI-67	RTC	Project 11	Main Base Areas of Interest FUDS Program		VADEQ	David Liu	NASA
2	1940	01.01.00.0373	01.01	Pre-Remedial Investigation Correspondence	10/12/2018	9	RTC	ESI Report, AI-28 and AI-67	RTC	Project 11	Main Base Areas of Interest FUDS Program	Lorie Baker	EPA	David Liu	NASA
2	1941	02.03.00.0007	02.03	Removal Response CERCLA Removal Site Record	4/25/2017	17	RTC	No Further Action Concurrence Statement	Redline	3	A46-A/A46-B, Two 600,000-Gallon Fuel Tanks		VADEQ	David Liu	NASA
2	1942	04.08.00.0007	04.08	FS Proposed Plans for Selected Remedial Action	8/6/2022	19	Revised	PRAP - Revised	Redline	1	Old Wastewater Treatment Plant (WWTP)		Tetra Tech	David Liu	NASA
2	1943	04.01.00.0087	04.01	Feasibility Study (FS) Correspondence	4/12/2016	4	RTC	PRAP	RTC	1	Old Wastewater Treatment Plant (WWTP)	David Liu	NASA	Lorie Baker	EPA
2	1944	04.01.00.0088	04.01	Feasibility Study (FS) Correspondence	3/14/2022	3	RTC	PRAP	Letter	1	Old Wastewater Treatment Plant (WWTP)	Lorie Baker	EPA	David Liu	NASA
2	1945	04.01.00.0089	04.01	Feasibility Study (FS) Correspondence	4/14/2016	6	RTC	PRAP	RTC	1	Old Wastewater Treatment Plant (WWTP)	David Liu	NASA		VADEQ
2	1946	05.01.00.0092	05.01	Correspondence	2/7/2017	1	RTC	ROD	Email	1	Old Wastewater Treatment Plant (WWTP)	Paul Herman	VADEQ	David Liu	NASA
2	1947	05.01.00.0093	05.01	Correspondence	1/25/2017	7	RTC	ROD	RTC	1	Old Wastewater Treatment Plant (WWTP)	Paul Herman	VADEQ	David Liu	NASA

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2	1948	05.07.00.0014	05.07	Records of Decision	3/4/2019	101	RTC	ROD	Redline	1	Old Wastewater Treatment Plant (WWTP)			David Liu	NASA
2	1949	05.07.00.0015	05.07	Records of Decision	2/13/2018	101	RTC	ROD	Redline	1	Old Wastewater Treatment Plant (WWTP)			David Liu	NASA
2	1950	04.08.00.0008	04.08	FS Proposed Plans for Selected Remedial Action	8/16/2022	19	Final	PRAP	Redline	1	Old Wastewater Treatment Plant (WWTP)		Tetra Tech	David Liu	NASA
2	1951	04.01.00.0090	04.01	Feasibility Study (FS) Correspondence	4/26/2016	1	Final DEQ Acceptance	PRAP	Email	1	Old Wastewater Treatment Plant (WWTP)	Paul Herman	VADEQ	David Liu	NASA
2	1952	04.01.00.0091	04.01	Feasibility Study (FS) Correspondence	4/14/2016	1	Final EPA Acceptance	PRAP	Email	1	Old Wastewater Treatment Plant (WWTP)	Lorie Baker	EPA	David Liu	NASA
2	1953	05.01.00.0094	05.01	Correspondence	2/13/2018	4	RTC	ROD	RTC	1	Old Wastewater Treatment Plant (WWTP)	Geologist	EPA	David Liu	NASA
2	1954	05.01.00.0095	05.01	Correspondence	2/13/2018	7	RTC	ROD	RTC	1	Old Wastewater Treatment Plant (WWTP)	Toxicologist	EPA	David Liu	NASA
2	1955	05.01.00.0096	05.01	Correspondence	3/27/2017	1	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1956	05.01.00.0097	05.01	Correspondence	10/26/2018	1	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1957	05.01.00.0098	05.01	Correspondence	8/16/2017	2	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1958	05.01.00.0099	05.01	Correspondence	3/27/2017	1	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1959	05.01.00.0100	05.01	Correspondence	2/20/2019	5	RTC	ROD	RTC	1	Old Wastewater Treatment Plant (WWTP)	Geologist	EPA	David Liu	NASA
2	1960	05.01.00.0101	05.01	Correspondence	2/20/2019	9	RTC	ROD	RTC	1	Old Wastewater Treatment Plant (WWTP)	Toxicologist	EPA	David Liu	NASA
2	1961	05.01.00.0102	05.01	Correspondence	10/26/2018	1	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1962	05.01.00.0103	05.01	Correspondence	3/16/2018	2	RTC	ROD	Letter	1	Old Wastewater Treatment Plant (WWTP)	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA

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2	1963	02.01.00.0173	02.01	Removal Response Correspondence	2/1/2017	3	RTC	No Further Action Concurrence Statement	RTC	Project 14	Regulus Launch Area		VADEQ	David Liu	NASA
2	1964	02.01.00.0174	02.01	Removal Response Correspondence	5/17/2017	2	RTC	No Further Action Concurrence Statement	RTC	Project 14	Regulus Launch Area	Lorie Baker	EPA	David Liu	NASA
2	1965	05.01.00.0104	05.01	Correspondence	7/13/2017	1	RTC	ROD	RTC	9	Abandoned Drum Field	Biological Tech Group	EPA	David Liu	NASA
2	1966	05.01.00.0105	05.01	Correspondence	10/11/2018	64	RTC	ROD	RTC	9	Abandoned Drum Field	Toxicologist	EPA	David Liu	NASA
2	1967	05.01.00.0106	05.01	Correspondence	1/30/2017	5	RTC	ROD	RTC	9	Abandoned Drum Field	Lorie Baker	EPA	David Liu	NASA
2	1968	05.01.00.0107	05.01	Correspondence	2/2/2017	4	RTC	ROD	RTC	9	Abandoned Drum Field		VADEQ	David Liu	NASA
2	1969	05.01.00.0108	05.01	Correspondence	4/24/2018	1	RTC	ROD	RTC	9	Abandoned Drum Field	Lorie Baker	EPA	David Liu	NASA
2	1970	05.01.00.0109	05.01	Correspondence	7/24/2017	4	RTC	ROD	RTC	9	Abandoned Drum Field	Hydrogeologist	EPA	David Liu	NASA
2	1971	05.01.00.0110	05.01	Correspondence	11/1/2018	79	RTC	ROD	RTC	9	Abandoned Drum Field			David Liu	NASA
2	1972	05.07.00.0016	05.07	Records of Decision	4/22/2021	63	RTC	ROD	Redline	9	Abandoned Drum Field		EPA	David Liu	NASA
2	1973	05.01.00.0111	05.01	Correspondence	12/12/2017	1	RTC	ROD	Letter	9	Abandoned Drum Field	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1974	05.07.00.0017	05.07	Records of Decision	4/1/2021	37	RTC	ROD	Redline	9	Abandoned Drum Field		EPA	David Liu	NASA
2	1975	05.01.00.0112	05.01	Correspondence	12/6/2017	4	RTC	ROD	Letter	9	Abandoned Drum Field	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1976	05.07.00.0018	05.07	Records of Decision	3/25/2021	68	Revised Final	ROD	Report	9	Abandoned Drum Field		Tetra Tech	David Liu	NASA
2	1977	05.01.00.0113	05.01	Correspondence	2/27/2017	2	Final DEQ Acceptance	ROD	Email	9	Abandoned Drum Field	Paul Herman	VADEQ	David Liu	NASA
2	1978	05.07.00.0019	05.07	Records of Decision	4/7/2021	68	Final	ROD	Report	9	Abandoned Drum Field		Tetra Tech	David Liu	NASA
2	1979	05.07.00.0020	05.07	Records of Decision	7/13/2017	83	RTC	ROD	Redline	14	Debris Pile 14		EPA	David Liu	NASA
2	1980	05.01.00.0114	05.01	Correspondence	12/6/2017	1	RTC	ROD	Letter	14	Debris Pile 14	Mindi Snoparsky	Tech Support Branch	Lorie Baker	EPA
2	1981	05.01.00.0115	05.01	Correspondence	12/6/2017	5	RTC	ROD	Letter	14	Debris Pile 14	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1982	05.01.00.0116	05.01	Correspondence	1/9/2018	1	RTC	ROD	Letter	14	Debris Pile 14	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1983	05.01.00.0117	05.01	Correspondence	4/6/2016	6	RTC	PRAP	Email	14	Debris Pile 14	Paul Herman	VADEQ	David Liu	NASA
2	1984	05.01.00.0118	05.01	Correspondence	3/10/2022	3	RTC	PRAP	Letter	14	Debris Pile 14	Lorie Baker	EPA	David Liu	NASA
2	1985	05.01.00.0119	05.01	Correspondence	10/30/2018	4	RTC	ROD	Email	14	Debris Pile 14	Lorie Baker	EPA	David Liu	NASA
2	1986	05.07.00.0021	05.07	Records of Decision	6/20/2016	67	RTC	ROD	Redline	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	1987	05.07.00.0022	05.07	Records of Decision	5/16/2016	67	RTC	ROD	Redline	15	Debris Pile 15	Paul Herman	VADEQ	David Liu	NASA
2	1988	05.01.00.0120	05.01	Correspondence	12/6/2017	5	RTC	ROD	Letter	15	Debris Pile 15	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1989	05.07.00.0023	05.07	Records of Decision	8/1/2017	82	RTC	ROD	Redline	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA

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2	1990	05.01.00.0121	05.01	Correspondence	1/9/2018	1	RTC	ROD	Letter	15	Debris Pile 15	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1991	05.01.00.0122	05.01	Correspondence	1/24/2017	3	RTC	ROD	RTC	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	1992	05.07.00.0024	05.07	Records of Decision	12/1/2018	66	RTC	ROD	Redline	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	1993	05.07.00.0025	05.07	Records of Decision	11/1/2018	66	RTC	ROD	Redline	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	1994	05.01.00.0123	05.01	Correspondence	5/18/2018	3	RTC	ROD	Letter	15	Debris Pile 15	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1995	05.01.00.0124	05.01	Correspondence	10/1/2018	2	RTC	ROD	Letter	15	Debris Pile 15	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1996	05.01.00.0125	05.01	Correspondence	10/2/2018	2	RTC	ROD	Letter	15	Debris Pile 15	Martin Gehlhaus	Tech Support Branch	Lorie Baker	EPA
2	1997	05.01.00.0126	05.01	Correspondence	1/1/2017	1	RTC	ROD	RTC	15	Debris Pile 15		VADEQ	David Liu	NASA
2	1998	05.01.00.0127	05.01	Correspondence	10/18/2018	1	RTC	ROD	Letter	15	Debris Pile 15	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	1999	05.01.00.0128	05.01	Correspondence	10/17/2018	1	RTC	ROD	Letter	15	Debris Pile 15	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	2000	04.01.00.0092	04.01	Feasibility Study (FS) Correspondence	4/6/2016	6	RTC	PRAP	Email	15	Debris Pile 15	Paul Herman	VADEQ	David Liu	NASA
2	2001	04.01.00.0093	04.01	Feasibility Study (FS) Correspondence	3/10/2022	3	RTC	PRAP	Letter	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	2002	05.01.00.0129	05.01	Correspondence	2/2/2017	1	Final EPA Acceptance	ROD	Email	15	Debris Pile 15	Paul Herman	VADEQ	David Liu	NASA
2	2003	04.08.00.0009	04.08	FS Proposed Plans for Selected Remedial Action	5/1/2016	19	Final	PRAP	Document	15	Debris Pile 15		Tetra Tech	David Liu	NASA
2	2004	04.01.00.0094	04.01	Feasibility Study (FS) Correspondence	5/19/2016	3	Final Submittal to EPA	PRAP	Letter	15	Debris Pile 15	David Liu	NASA	Lorie Baker	EPA
2	2005	04.01.00.0095	04.01	Feasibility Study (FS) Correspondence	5/25/2016	1	Final DEQ Acceptance	PRAP	Letter	15	Debris Pile 15	Paul Herman	VADEQ	David Liu	NASA
2	2006	05.01.00.0130	05.01	Correspondence	1/24/2017	3	RTC	ROD	RTC	15	Debris Pile 15	Lorie Baker	EPA	David Liu	NASA
2	2007	05.01.00.0131	05.01	Correspondence	10/17/2018	1	RTC	ROD	Letter	15	Debris Pile 15	Katie Matta	Bio Tch Group	Lorie Baker	EPA
2	2008	05.01.00.0132	05.01	Correspondence	1/11/2017	1	RTC	ROD	RTC	15	Debris Pile 15		VADEQ	David Liu	NASA
2	2009	05.01.00.0133	05.01	Correspondence	10/2/2018	2	RTC	ROD	Letter	15	Debris Pile 15	Martin Gehlhaus	Tetra Tech	Lorie Baker	EPA

APPENDIX B

FORMER NAVY SITES FOR REVIEW

FORMER NAVY SITE REVIEW TABLE
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

Potential Area of Concern/Site	Map Sheet #	USACE PA and PA 2 Documents - Reference/Details[1]	USACE SAM - Reference/Details[2]	SAM Decision	USACE Project #	USACE Work Plan - Reference/Details[3]	Appendix Tab	Screening Notes/Comments	Proposed Action
E-19	15	PA - pg 78, Table 14 - POL	--	--	12 (AI-02)	Sampled for gasoline and metals in soil and ground water. No results available.	1	All of these buildings, tanks, and structures were associated with the former Aviation Fuel Tank Farm (AFTF) and fuel distribution system. The AFTF was identified as a "Site" under the petroleum storage tank program in 1990 and has been under corrective action overseen by VDEQ since that time. In 1991 NASA closed/removed all tanks, pumps, buildings and associated piping along with 4,700 tons of petroleum contaminated soil. A series of additional remedial actions were conducted through 2010 and the site is currently in a monitoring program administered by VDEQ. Consensus for NFA under CERCLA/AAOC was signed in 2004.	NFA
E-20	15	--	#9 Require Further Assessment #12 Corrected to NFA	NFA	--	--			NFA
E-21	15	PA - pg 80, Table 15 POL Non-tank	--	--	11 (AI-11)	USACE no investigation, AFTF w/ NASA			NFA
E-22 – Gas Truck Loading Station/Fill Stand	15	PA - pg 80, Table 15 POL Non-tank	--	--	11 (AI-30)	USACE no investigation, AFTF w/ NASA			NFA
E-23 – Gas Truck Loading Station/Fill Stand	15	PA - pg 80, Table 15 POL Non-tank	--	--	11 (AI-31)	USACE no investigation, AFTF w/ NASA			NFA
E-24/Building 50 – Gasoline Pump and Meter Structure	15	PA - pg 80, Table 15 POL Non-tank	--	--	11 (AI-10)	USACE no investigation, AFTF w/ NASA			NFA
E-24 A – Steel Tank Cluster installed in 1943 (A-1 -11,500 Gal tank, A-2 – 15,000 Gal tank, A-3 – 15,000 Gal tank, A-4 – 11,500 Gal Tank, A-5 – 11,500 Gal Tank, and A-6 – 11,500 Gal Tank)	15	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-24 B – Unknown Tank	duplicate of multiple tanks mapped as E-24A and 50/E-24/E-60	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-24 c-g			--	--	--	--			NFA
E-25 – Steel 50 E-25-1 – Steel 25,000 Gal Gasoline Storage Tank	15	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-26 – Steel 50,000 Gal Gasoline Storage Tank	15	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-27 – Steel 50,000 Gal Gasoline Storage Tank	15	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-32	15	--	#12, E-32/E-62, Fuel Oil Storage	NFA	--	--			NFA
E-62 – Attendant/Storage House	Duplicate of E-32; changed Bldg number	--	#12, E-32/E-62	NFA	--	--			NFA
E-62-1 – Steel Heating Oil Tank		--	#12, E-32/E-63	NFA	--	--			NFA
E-62-2 – Steel Heating Oil Tank		--	#12, E-32/E-64	NFA	--	--			NFA
E-36 – Gasoline Issue Point	15	PA - pg 80, Table 15 POL Non-tank	--	--	--	--			NFA
E-54 – Fuel Oil Pump House; Cinder block building	15	PA - pg 80, Table 15 POL Non-tank	--	--	11 (AI-34)	USACE no investigation, AFTF w/ NASA			NFA
E-55 – Steel 42,000 Gal Gasoline Storage Tank.	15	PA - pg 78, Table 14 POL	--	--	--	--			NFA
E-59 – Pump House	15	--	#12 Oil storage, above ground pumping station	NFA	--	--			NFA
E-60 – Manifold House	15	--	#12 Above ground pumping station	NFA	--	--			NFA
E-65 – Pump House	15	--	--	--	--	--			NFA
E-77 – Fill Stand	15	--	--	--	--	--			NFA
E-77-A – Tank Cluster (E-77-A-1 – Steel 10,000 Gal Jet Fuel Tank; E-77-A-2 – Steel; 10,000 Gal Jet Fuel Tank'	15	--	--	--	--	--			NFA
E-77-B – Heating Oil Tank	15	--	--	--	--	--			NFA
D-12 - Pump House, S.D.P. Number 2 D-12 H Sewage Disposal	2	PA - pgs 100-101 (Table 27 Sewage Treatment), 120, 124-125 (Table 31), and 140-141 (Table 38)	--	--	--	--	2	All of these structures/buildings were associated with the former Waste Water Treatment Plant (WWTP). In 1995, VDEQ issued a RCRA Compliance Order requiring closure of the WWTP drying beds due to the placement of regulated sludge from the former metal plating shop. The sludge and bed material were removed and a series of soil and groundwater investigations were conducted at the WWTP. In 2001 VDEQ issued a letter stating that soil and groundwater did not pose a risk to potential residential users. In 2002, VDEQ issued a letter confirming that no further closure or monitoring were required and closed the Compliance Order. In 2006, a study confirmed that mercury seals were not used/present in the trickling filter rotary arms. The WWTP was taken out of service in 2000. The sludge drying beds were used until 2014. The WWTP and drying beds building/structures were demolished and removed in 2014. The "head works" remain in place and act as a transfer station for the current WWTP.	NFA
D-12A - Sewage Treatment Plant Biofilter D-12A H Part of Sewage System									
D12-B - Sewage Treatment Plant Communitor D12-B H Part of Sewage System									
D-12C - Sewage Treatment Plant Primary Sediment Tank D-12C H Part of Sewage System									
D-12D - Sewage Treatment Sludge Drying Beds D-12D H Part of Sewage System									
D-12E - Sewage Treatment Plant Sludge Digestion Tank D-12E H Part of Sewage System									
D-12F - Sewage Treatment Plant Divers Box Valve Pit, Diversion Box, S.D.P. Number 2 D-12F H Part of Sewage System									
D-12G - Sewage Treatment Plant Secondary Sedimentation D-12G H Part of Sewage System									
D-12H - Sewage Treatment Plant Chlorine Reaction Basin D-12H H Part of Sewage System									
D-121 - Sewage Treatment Plant Concrete Block Outfall D-121 H Part of Sewage System									
D-12J - Sewage Treatment Plant Chlorine Reaction and Contact D-12J H Part of Sewage System									
D-96 - Sewage Plant (rotary biofilter) D-96 H Part of Sewage System		PA - pgs 101 (Table 27 Sewage Treatment),120, 125 (Table 31), and 141 (Table 38)	--	--	--	--			NFA
D-97 - Sewage Treatment Plant Primary Sedimentation Tank D-97 H Part of Sewage System		PA - pgs 101 (Table 27 Sewage Treatment),120, 125 (Table 31), and 141 (Table 38)	--	--	--	--			NFA
D-98 - Sewage Treatment Plant Sludge Drying Bed D-98 H Part of Sewage System		PA - pgs 101 (Table 27 Sewage Treatment),120, 125 (Table 31), and 141 (Table 38)	--	--	--	--			NFA
D-98A - Sewage Treatment Plant Sludge Drying Bed D-98A H Part of Sewage System									
D-99 - Sewage Treatment Plant Sludge Digester D-99 H Part of Sewage System		PA - pgs 101 (Table 27 Sewage Treatment),120, 125 (Table 31), and 141 (Table 38)	--	--	--	--			NFA
D-100 - Sewage Treatment Plant Secondary Sedimentation D-100 H Part of Sewage System		PA - pgs 101 (Table 27 Sewage Treatment),120, 125 (Table 31), and 141 (Table 38)	--	--	--	--			NFA
E-1 – Electrical Substation Transformer Bank	14	PA - pg 96, Table 23 Transformer Banks (removed)	--	--	12 (AI-6)	WP 2012: PCBs detected in 3 of 4 soil samples (180 µg/kg - surface and 6.5 µg/kg subsurface). ND in GW WP Add.: Proposes additional sampling and provides WP results. WP Add. results not available.	3	A 2009 NASA investigation detected PCBs in 2 of 4 samples with maximum concentration of 950 µg/kg. Consensus for NFA under CERCLA/AAOC was signed in June 2009. A 2012 USACE investigation detected PCB maximum concentration of 180 µg/kg in surface soil, 6.5 µg/kg in subsurface soil and non-detect in GW.	NFA

FORMER NAVY SITE REVIEW TABLE
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

Potential Area of Concern/Site	Map Sheet #	USACE PA and PA 2 Documents - Reference/Details[1]	USACE SAM - Reference/Details[2]	SAM Decision	USACE Project #	USACE Work Plan - Reference/Details[3]	Appendix Tab	Screening Notes/Comments	Proposed Action
N-133 – Filling Station/Current Credit Union	18	PA - pg 78, Table 14 POL	--	--	--	--	4	NASA Site 8/former gas station. In 1990, the gas station tanks were closed under the VDEQ petroleum storage tank program and the tanks, piping, dispensers were removed. Soil sampling conducted in 1990 and 2000 confirmed the lack of a release and VDEQ confirmed closure. Consensus for NFA under CERCLA/AAOC was signed in 2004.	NFA
D-8 – Boiler House	8	PA2 - pgs 126-128, 151, 161 (Sampling needed)	#11, Ash/Soot (non-haz) local landfill, blowdown water discharged to WWTP, heavy oil (bunker C) and coal used for fuel	Further Assessment	17	No WP	5	The boiler/heating plant was taken out of service in 2011. During operations boiler ash was containerized and disposed offsite and blowdown water was treated through the WWTP. Historic petroleum releases associated with Building D-8 operations have been investigated and/or remediated. Petroleum storage tanks for the boiler and other building operations have been closed under the VDEQ petroleum program. The tanks and related piping have been removed and a series of site characterization studies, including soil and groundwater sampling, confirmed no significant release or risk. No concerns with D-8 activities impacting environment have been identified.	NFA
H-30 – Four Car Garage	3	PA2 - pgs 71-74, 79, 159, 162, 172 Potential HTRW	#8; No HTRW. Fluids from parked cars may have dripped on the concrete slab. Recommended for further assessment.	Further Assessment	17	No WP	6	H-30 is a two-story structure. The first floor is a four car garage which has been used by Navy and NASA staff to store and perform light maintenance on private vehicles. The upstairs houses the staff morale association. There is no evidence that hazardous materials or substances have ben released to the environment from activities at H 30.	NFA
C-15 – Fire House	9	PA2 - pgs 99, 101, 102, 123, 160, 163, 172 Potential HTRW	#9; Only permanent fire house identified in Navy facility plans. May have been used to store chemicals and maintain extinguishers. Due to lack of information recommended for further assessment.	Further Assessment	17	No WP	7	C-15 served as a Fire House up to 1961. NASA uses C-15 for storage and offices space . There is no evidence to indicate that hazardous materials or substances were stored or used in the building. USACE site investigation groundwater samples collected immediately down gradient indicate no release of hazardous substances related to activities at Building C-15.	NFA
J-219 – Small Craft Overhaul Shop J-219E – Maintenance and Repair	11	PA - pg 82 Table 17 and page 118 and page 140; No Specific information is available about J-219. PA discusses "typical" maintenance activities that may have occurred at a list of multiple buildings. Interviews with former Navy servicemen disclosed that TCE, PCE, and carbon tetrachloride. were used at the base for cleaning engine and electrical parts (in general not J-219 specific). Potential HTRW site; potential discharge to sanitary sewer.	--	--	17	No WP	8	J-219 was used by DOD for one year. The structure is located adjacent to the boat basin and has an open bay door facing the bulkhead/dock. It is assumed that small water craft were maintained in the building. There are no indications that hazardous materials have been released from the building to the environment. NASA does not use the building for any official purpose and it is currently used by tenants to store fishing supplies.	NFA
E-134 – Squad Line Shop	17	PA2 - pgs 55, 68-70, 159, 161, 171. Identified as a an Electronic Storage and Aircraft Underwater Weapons electronic shop. Flight line minor repairs, cleaning and preventive maintenance may have occurred. NASA used for office and radar spare part storage. Possible HTRW site.	#7, Aircraft Underwater Weapons/mobile radar shop; No specific information regarding activities during DOD use. Potential use of solvents and other HTRW for cleaning electronics equipment.	Further Assessment	11 (AI-60)	Soil and groundwater samples collected around the perimeter of E-134. The samples were analyzed for VOCs and metals. Acetone, toluene, xylenes, and metals were detected at low concentrations (below RSLs).	9	E-134 has been used for activities related to electronic and mobile radar tracking component storage and maintenance. There is no evidence that hazardous substances were stored at E-134. USACE soil and groundwater samples collected around the perimeter of E-134 indicate there has been not been a release related E-134 activities.	NFA
F-139 – Paint Locker	4	PA2 - pgs 93-96, 98, 160, 162, 163, 171. No specific information available. Small building/locker adjacent to or attached to F-20 used to store paint. Building no longer exists. Potential HTRW.	#12, Potential stored paint and solvents; building is gone; no evidence or staining in former building location (area currently paved).	Further Assessment	11 (AI-80)	Soil and groundwater samples collected and analyzed for VOCs and metals. Low concentrations of chromium, lead and zinc were detected in soil. Trace concentrations of acetone and toluene were detected in soil and groundwater.	10	F-20, F-21, and F-139 were utilized as storage and various workshops until they were demolished and a new building and roadways/parking lots constructed in the same location. USACE soil and groundwater investigations conducted around F-20, F-21 and F-139 in which sampleswere analyzed for select metals and VOCs. There were no exceedances of EPA RSLs in soil. In groundwater naphthalene was detected above the EPA tapwater RSL. Based on the analytical results there is no evidence that a CERCLA release related to F-20, F-21, or F-139 activities.	NFA
F-21 – Quonset Storage/Carpenter and Material Shop	4	PA2 - pgs 99, 107-110, 123, 160, 163, 172. Carpenters shop used for aircraft modification R&D and test shop. Potential HTRW site. Building demolished and new building constructed by NASA in 1990.	#1, DOD activities unknown, may have included use of glues, paints, solvents; building has been demolished and new building constructed in footprint.	Further Assessment	WP 11 and WP 11 Add. (AI-82)	Soil and groundwater samples collected and analyzed for VOCs and metals. Low concentrations of chromium, lead and zinc were detected in soil. Trace concentrations of acetone, toluene, ethylbenzene were detected in soil and/or groundwater. Naphthalene was detected in one groundwater sample at 0.22 µg/L above the EPA RSL.			NFA
F-20 – Quonset Storage/Ordnance shop/Stores	4	PA2 - pgs 83, 90-92, 96, 162. Used as an "ordnance quality shop" and storage of guided missile electronic parts and equipment. Potential HTRW site from cleaning. Build has been demolished and a new building constructed on footprint.	#1, DOD activities other than storage unknown; potential cleaning, painting and maintenance; possible HTRW. Building has been demolished and NASA constructed new building on footprint.	Further Assessment	17	No WP			NFA
F-18 – Transformer Bank	13	PA - pg 96, Table 23 Transformer Banks at Building F-18. May have contained PCBs. Transformer bank removed.	--	--	WP 12 and WP 12 Add. (AI-19)	WP: AI-19: No surface soil detections of PCBs; Subsurface soil sample (20 feet bgs) PCBs at 35 µg/kg. WP Add: AI-19 No further investigation required/planned	11	F-18 was an Outdoor Electrical Substation that existed from 1946 to the early 1990s and likely used transformers containing PCBs. The USACE collected soil and groundwater samples which were analyzed for PCBs. PCBs were detected in only one soil sample at 35 µg/kg. PCBs were not detected in groundwater. The results indicate that a release of PCBs has not occurred.	NFA
B-129 – Aircraft Fire and Crash Building B-129B – Offices and Fire Trucks	10	PA - pgs 102, 125, 140 (Tables 28, 31, 38) DOD activities at these buildings are unknown. Potential HTRW.	--	--	17	No WP	12	B-129 has served as the Aircraft Fire and Crash Building/ Firefighting House since 1955. Based on the historical and current use of B-129 along with the soil and groundwater samples collected in proximity of B-129 it is unlikely that a significant release has occurred in the area.	NFA
F-10A – Paint Locker (ORD), Tool and Storage	12	PA - pg 81, Tables 16, 31 and 38. Paint locker, tool and storage. Building removed. Potential HTRW.	--	--	17	No WP		F-10A and F-10B have been used for multiple purposes including a paint locker, equipment storage, workshops, and flammable storage since 1947. Specific information on the activities or chemicals used is	Further Action

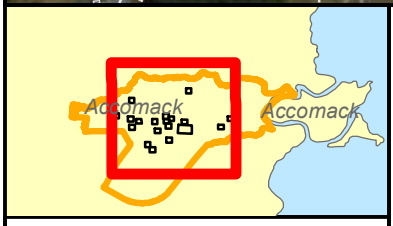
FORMER NAVY SITE REVIEW TABLE
NASA WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA

Potential Area of Concern/Site	Map Sheet #	USACE PA and PA 2 Documents - Reference/Details[1]	USACE SAM - Reference/Details[2]	SAM Decision	USACE Project #	USACE Work Plan - Reference/Details[3]	Appendix Tab	Screening Notes/Comments	Proposed Action
F-10B – Battery Shop (ORD), Heat Treating Shop F-10B J Batteries Storage	12	PA - pg 82, Tables 17, 31 and 38. Minimal potential for HTRW release due to operations and compounds used.	--	--	17	No WP	13	not available. There have been no environmental investigations conducted at F-10A or F-10B. It is recommended that a screening level focused sampling investigation be conducted to determine if a release has occurred and if further CERCLA actions are warranted.	Further Action
J-12 – Transformer	16	PA 2 - pg 3, 134-136, 163, 164. Transformer bank removed. Footprint covered by NASA Visitors Center, walkway and over 3 feet of fill material.	#13: Support structure was removed by NASA 1980-81; Footprint covered by Visitor's Center and walkway. No evidence of a release; referred to Project 8 due to concerns regarding potential PCBs in shallow groundwater affecting municipal water wells.	Further Assessment	8 (AI-9)	Temporary MW installed and sampled; no soil samples due to location under building; No PCBs detected in ground water.	14	J-12 served as a transformer bank from 1948 through 1980. There is no documentation or any indication that a release has occurred at J-12. The site's original surface soil was covered by the Visitor Center and 1 to 3 feet of fill.	NFA
D-137 – Water Treatment Pump House D-137A – Water Treatment Pump House	6	PA - pgs 102, 121 and Tables 28, 31 and 38. Pump may have contained a mercury seal and if leaked would have discharged mercury to drinking water. Low risk of release to environment. Building removed.	# 11, Discusses D-137A (not D-137) Aerator/Mixing basin. Used to add lime and aerate drinking water and expose water to air and sunlight. Building removed. Recommend NFA.	NFA for D-137A	17	No WP	15	D-137A served as a water treatment pump house and water purification plant since 1955 for the drinking water system . D-137A was removed sometime between 1980 and 2007. Building D-137 was a water treatment pump house but is currently used for storage of pumps and other equipment. There are no known environmental concerns at D-137 or D-137A based on their previous and current use. It is unlikely that D-137 or D-137A is a potential source of a CERCLA release.	NFA
N-166 – Alcohol Storage Bldg. N-166	19	PA2 - pgs 93, 96-98, 160, 162, 163, 173. Building used to store alcohols and glycols for deicing planes. May have also stored small amounts of explosives (type unknown). NASA used for office supply and records storage.	#13: Used to store flammables (alcohol); use unknown but in general Military used alcohol for torpedo fuel and possibly for de-icing the P2V planes /engines while in flight; building also used for packaging and temporary storage of small quantities of minor-hazard explosives. No consensus on path forward	Further Assessment	17	No WP	16	N-166 is a one story building which was used for explosive packaging and temporary storage and storage of alcohol. N-166 has not been specifically investigated but nearby samples show that a significant release has not occurred in the area. Sampling and analysis did not include explosives. N-218 was used as a Flammables Storehouse and Calibration Lab Support building. N-218 does not currently exist at its previous location and was either removed or relocated in 2010. The USACE investigated N-218 by collecting soil and groundwater samples and analyzing them for metals, VOCs, and PCBs. Only low concentrations of a few VOCs and metals were detected in the samples. The results of these samples and the available documents indicate that a significant release has not occurred in the area.	Further Action
N-218 – Flammables Storehouse	19	PA - pg 86, Table 19 Identified as a Calibration Lab Support as part of the aircraft maintenance grouping. No specific information regarding N-218 or the operations; as part of aircraft maintenance potential HTRW.	--	--	11 (AI-46)	Originally used as storage locker for aircraft maintenance operations. Installed soil boring and temporary MW. Sampled for select metals, VOCs, and naphthalene. Low metals In soil and ND in GW. Trace acetone and toluene in soil and GW. All results well below RSLs.			NFA
F-36 – Generator House/Storage	13	PA - pgs 80 (Table 15), 117, 122 (Table 31), and 136 (Table 35). No specific information regarding F-36 or the operations. Labled a POL Non-Tank site because of the gasoline used for the generators. Currently used for storage.	--	--	11 WP and 11 WP Add. (AI-35)	Soil and groundwater samples collected and analyzed for VOCs and lead. Low concentrations of lead and toluene were detected in soil. Trace concentrations of toluene were detected in groundwater.	17	The USACE investigated F-36 by collecting soil and groundwater samples and analyzing them for lead and select VOCs. Only low concentrations were detected in the samples. The sample results of these samples and the available documents indicate that a significant release has not occurred in the area.	NFA
F-44 – Compressor Building	5	PA - pgs 80 (Table 15), 117, 122 (Table 31), and 136 (Table 35). No specific information regarding F-44 or the operations. Labled a POL Non-Tank site because of the storage of paint. Currently used as storage facility.	--	--	11 (AI-36)	Soil and groundwater samples collected and analyzed for VOCs and metals. Low concentrations of metals, acetone, and toluene were detected in soil. Trace concentrations of sinc and toluene were detected in groundwater.	18	The USACE investigated F-44 by collecting soil and groundwater samples and analyzing them for metals and VOCs. Only low concentrations were detected in the samples. The sample results of these samples and the available documents indicate that a significant release has not occurred in the area.	NFA
D-101– Electronics and Maintenance Shop	9	PA - pgs 95 (Table 22), 119, 123 (Table 31), and 140 (Table 38). No specific information regarding D-101 or the operations. Identified an an area where COPCs could have been used. Currently used for office space.	--	--	--	--	19	Based on the historical and current use of D-101 it is unlikely that D-101 is a potential source of a CERCLA release. Groundwater samples collected to the north of D-101 indicate a release has occurred at AI-14. Further investigation will be required at AI-14 to define the extent of contamination, but will be separate from D-101	NFA

(1) PA: Defense Environmental Restoration Program for Formerly Used Defense Sites Preliminary Assessment Wallops Flight Facility Accomack County, Virginia Property Number - C03VA0301; US Army Corps of Engineers; Spetmeber 2011.
PA2: Defense Environmental Restoration Program for Formerly Used Defense Sites Preliminary Assessment II Wallops Flight Facility Accomack County, Virginia Property Number - C03VA0301; US Army Corps of Engineers; June 2013.

(2) Wallops Flight Facility Partners Main Base Final Site Assessment Memo #1; US Army Corps of Engineers; March 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #2; US Army Corps of Engineers; june 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #3; US Army Corps of Engineers; December 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #4; US Army Corps of Engineers; April 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #5; US Army Corps of Engineers; October 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #6; US Army Corps of Engineers; October 2010.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #7; US Army Corps of Engineers; February 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #8; US Army Corps of Engineers; February 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #9; US Army Corps of Engineers; February 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #10; US Army Corps of Engineers; April 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #11; US Army Corps of Engineers; June 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #12; US Army Corps of Engineers; June 2011.
Wallops Flight Facility Partners Main Base Final Site Assessment Memo #13; US Army Corps of Engineers; August 2011.

(3) Site Inspection Work Plan Project 11 – Main Base HTRW Areas of Interest Wallops Flight Facility, Virginia; Weston; July 2012
Final POL Storage and Distribution Investigation Work Plan, Project 12 – CON/HTRW-POL Storage and Distribution Wallops Flight Facility, Accomack County, Virginia; Watermark; April 2012.
Draft Final POL Storage and Distribution Site Inspection Work Plan Addendum, Project 12 – CON/HTRW-POL Storage and Distribution Wallops Flight Facility, Accomack County, Virginia; Watermark; January2013.
Final Site Inspection Work Plan Addendum #2 Project 11 – Main Base HTRW Areas of Interest Wallops Flight Facility, Virginia; US Army Corps of Engineers; January 2014
Site Investigation Report Site Investigation Report of Project 08 HTRW – Boat Basin Area NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, Virginia; Versar; July 2012.



Base Map:
Aerial photograph from ESRI Bing Maps map service
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FIGURE 1

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 500 1,000 2,000 Feet

Sheet Key. Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 1

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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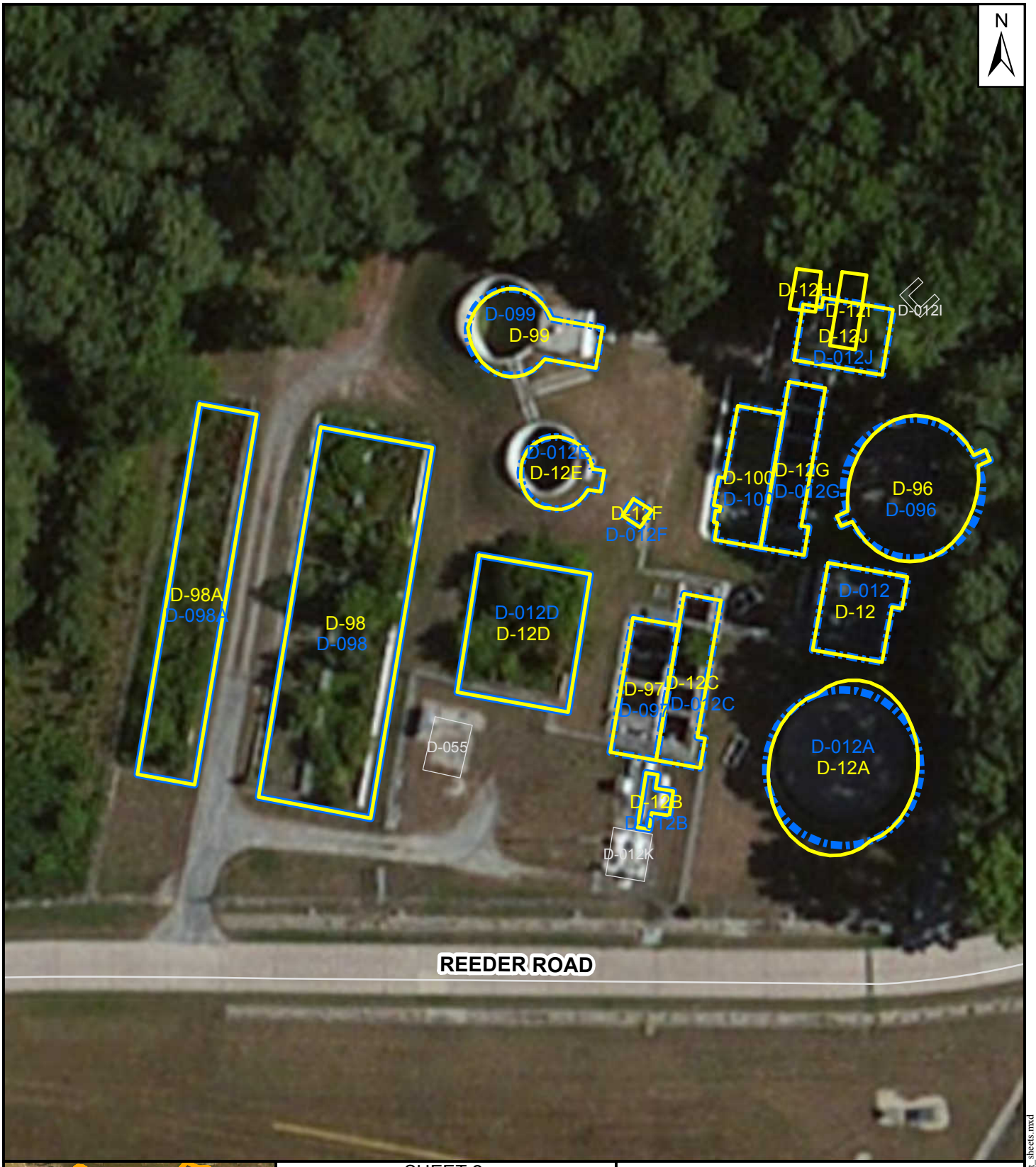

Base Map:
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SHEET 2

Legend

NASA Roads
Installation Area
USACE Buildings

NASA Buildings

Other Buildings
NASA Abandoned
NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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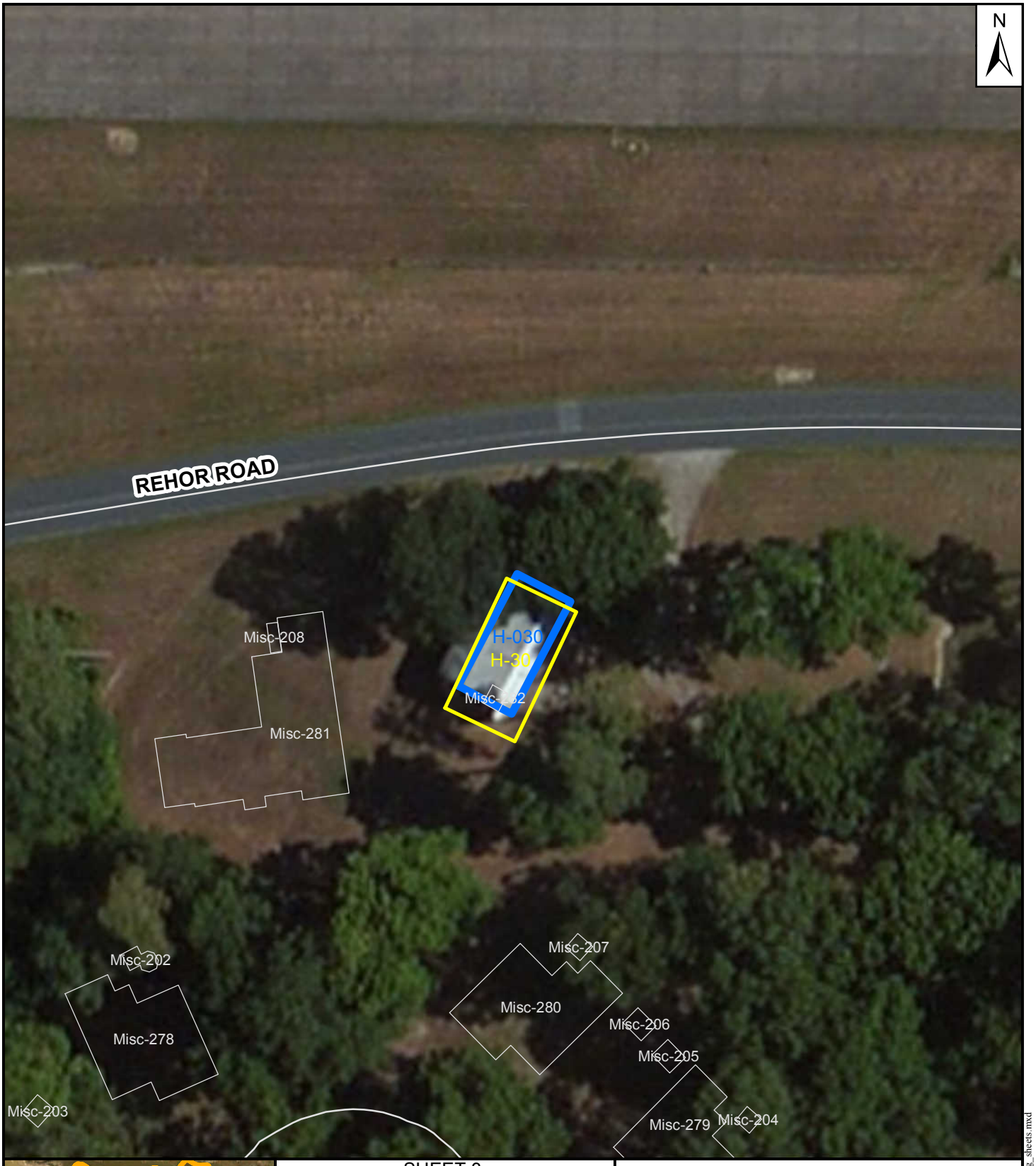

Base Map:
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SHEET 3

Legend

NASA Roads
Installation Area
USACE Buildings

NASA Buildings

Other Buildings
NASA Abandoned
NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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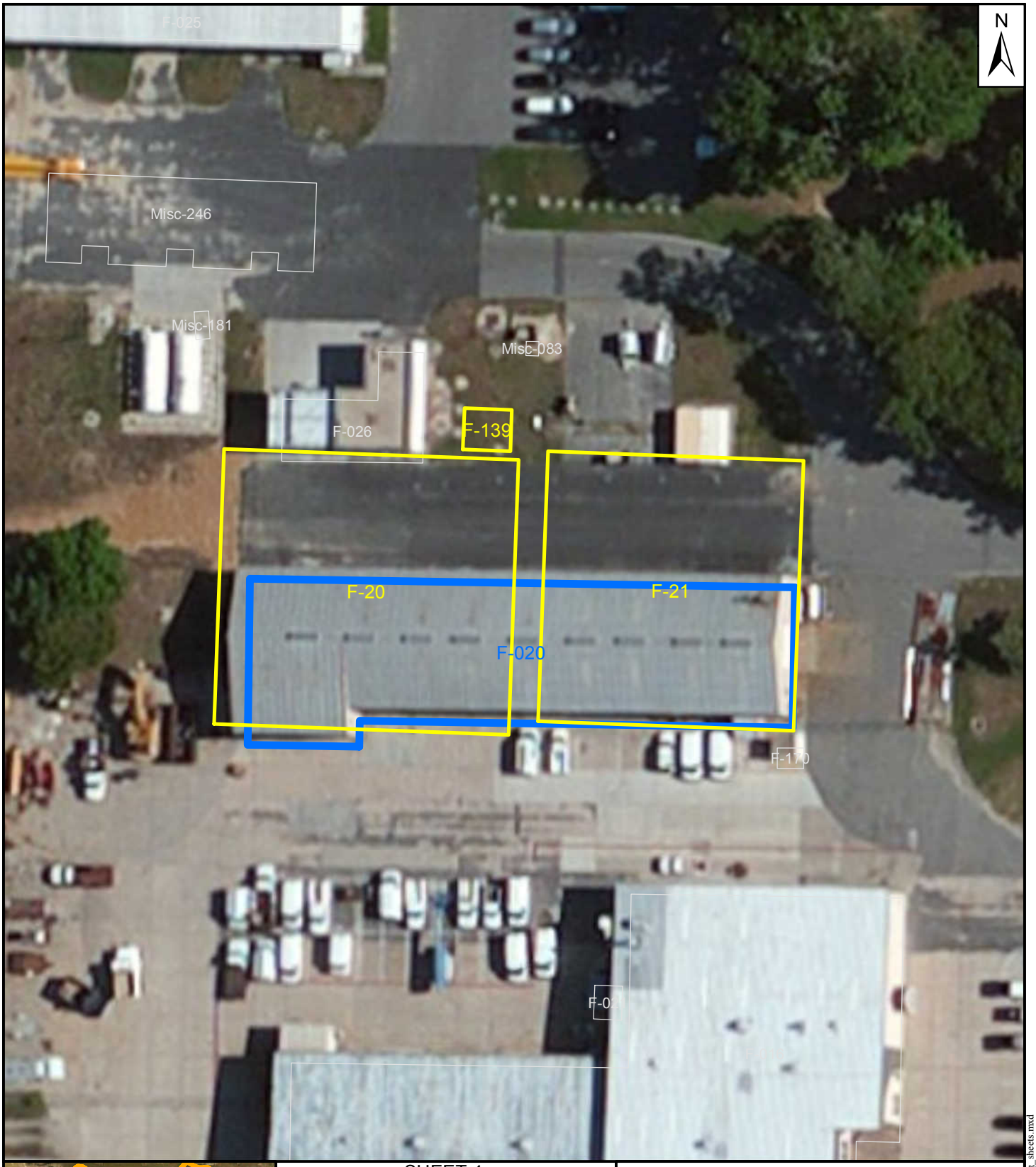

Base Map:
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SHEET 4

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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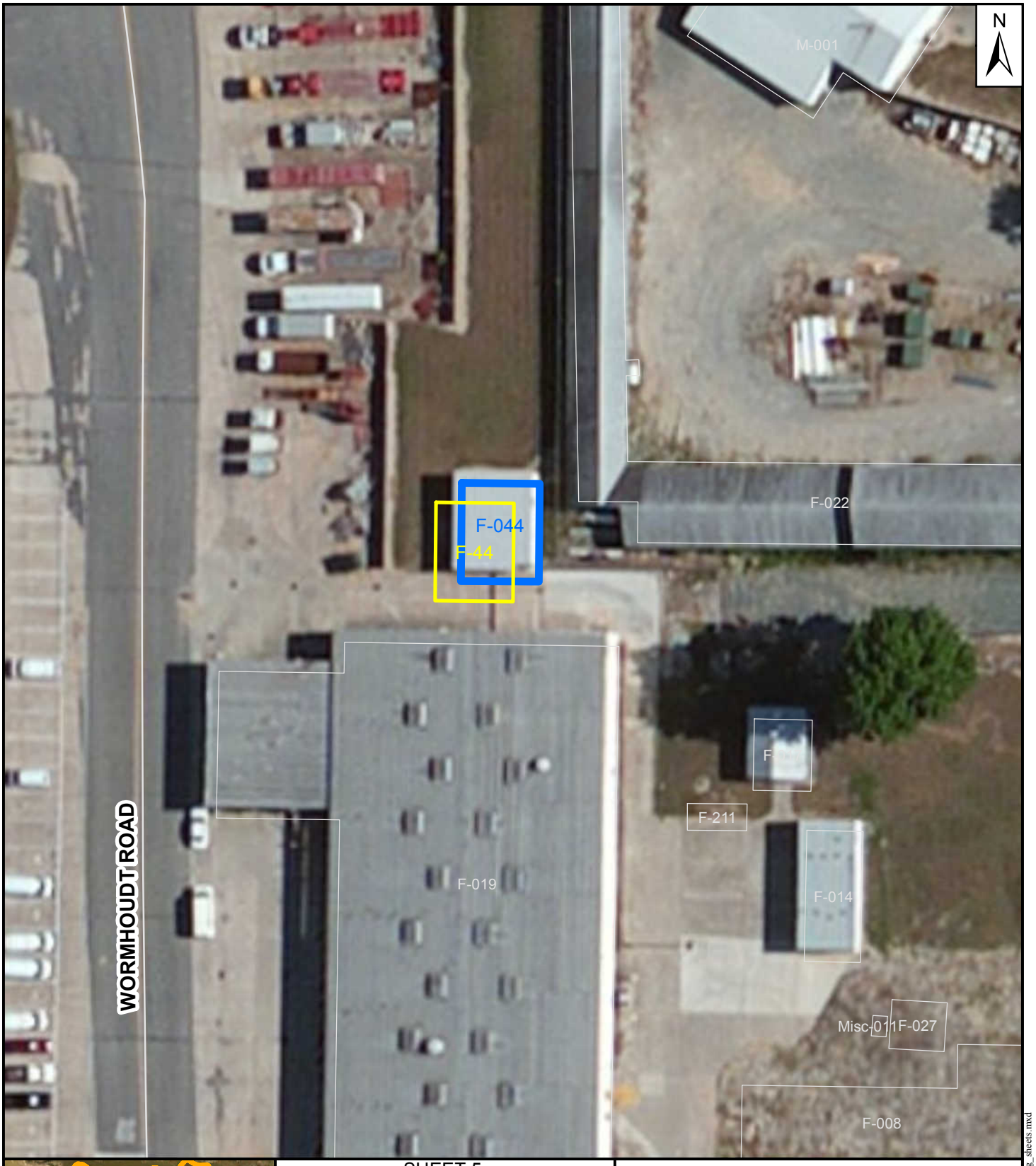

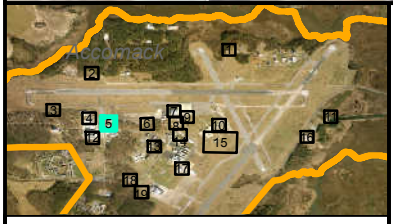

Base Map:
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SHEET 5

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 6

Legend

NASA Roads
Installation Area
USACE Buildings

NASA Buildings

Other Buildings
NASA Abandoned
NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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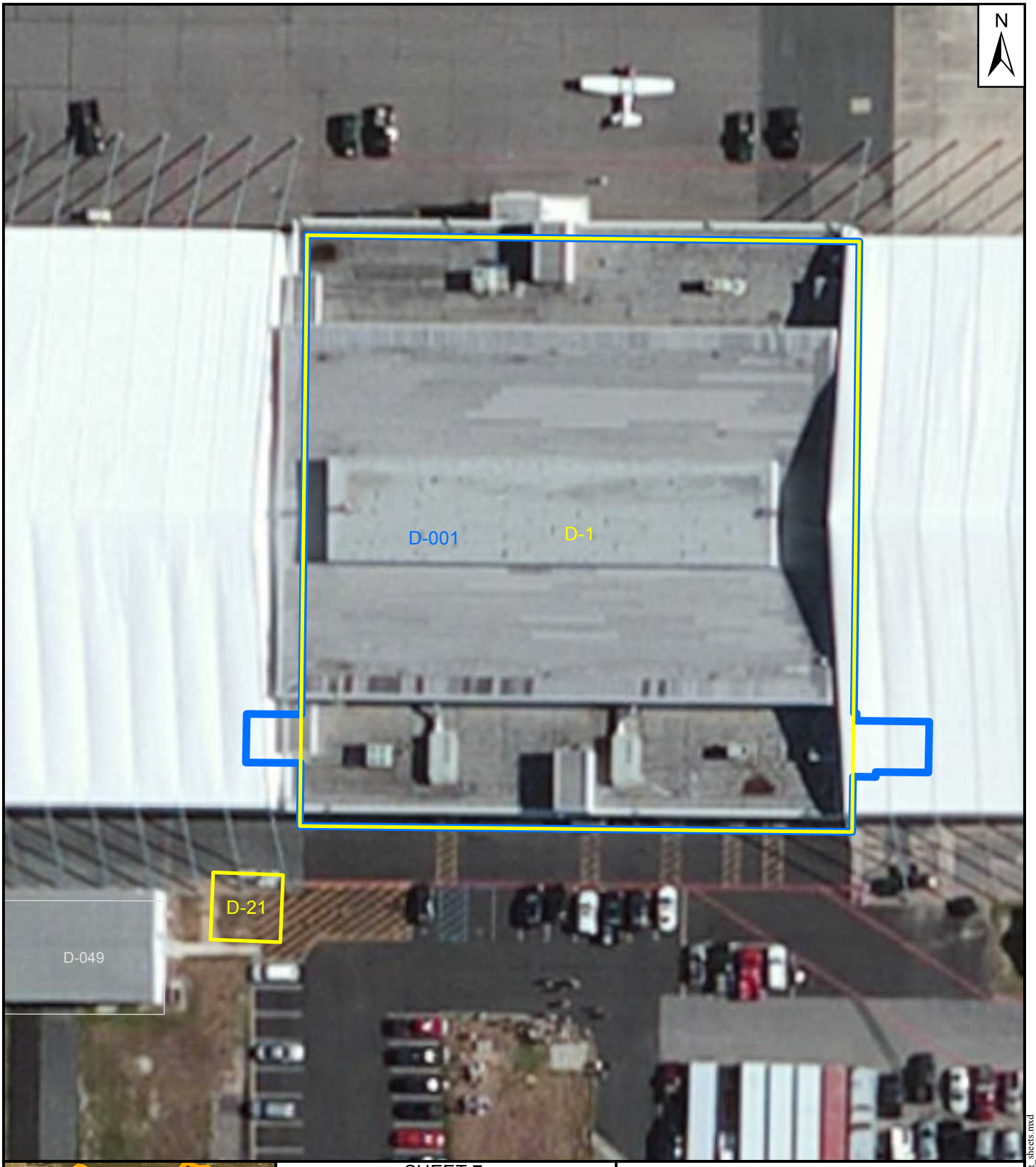

Base Map:
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SHEET 7

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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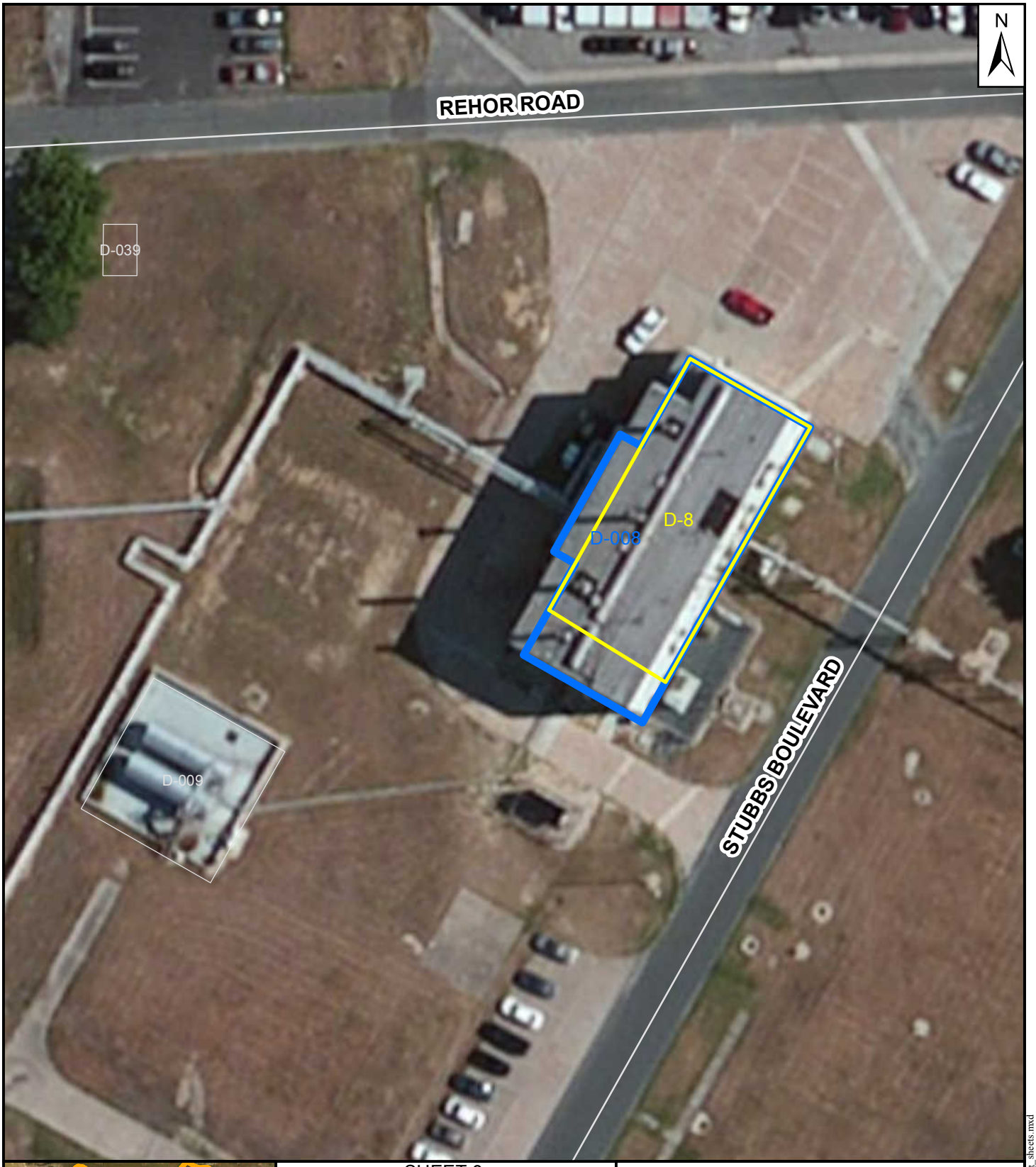

Base Map:
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SHEET 8

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 9

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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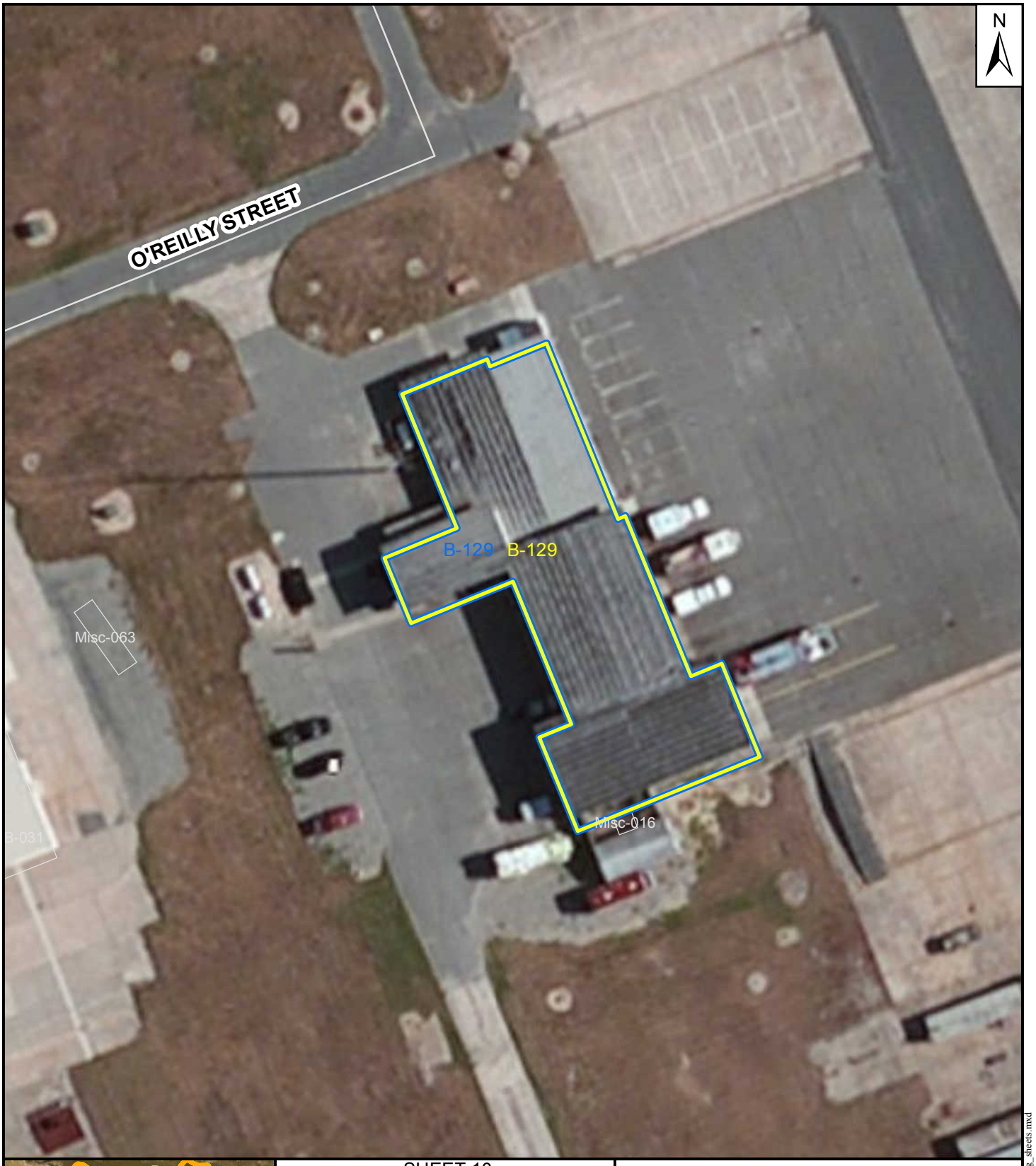

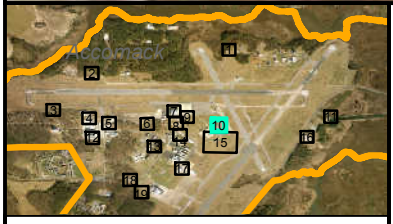

Base Map:
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SHEET 10

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 11

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 12

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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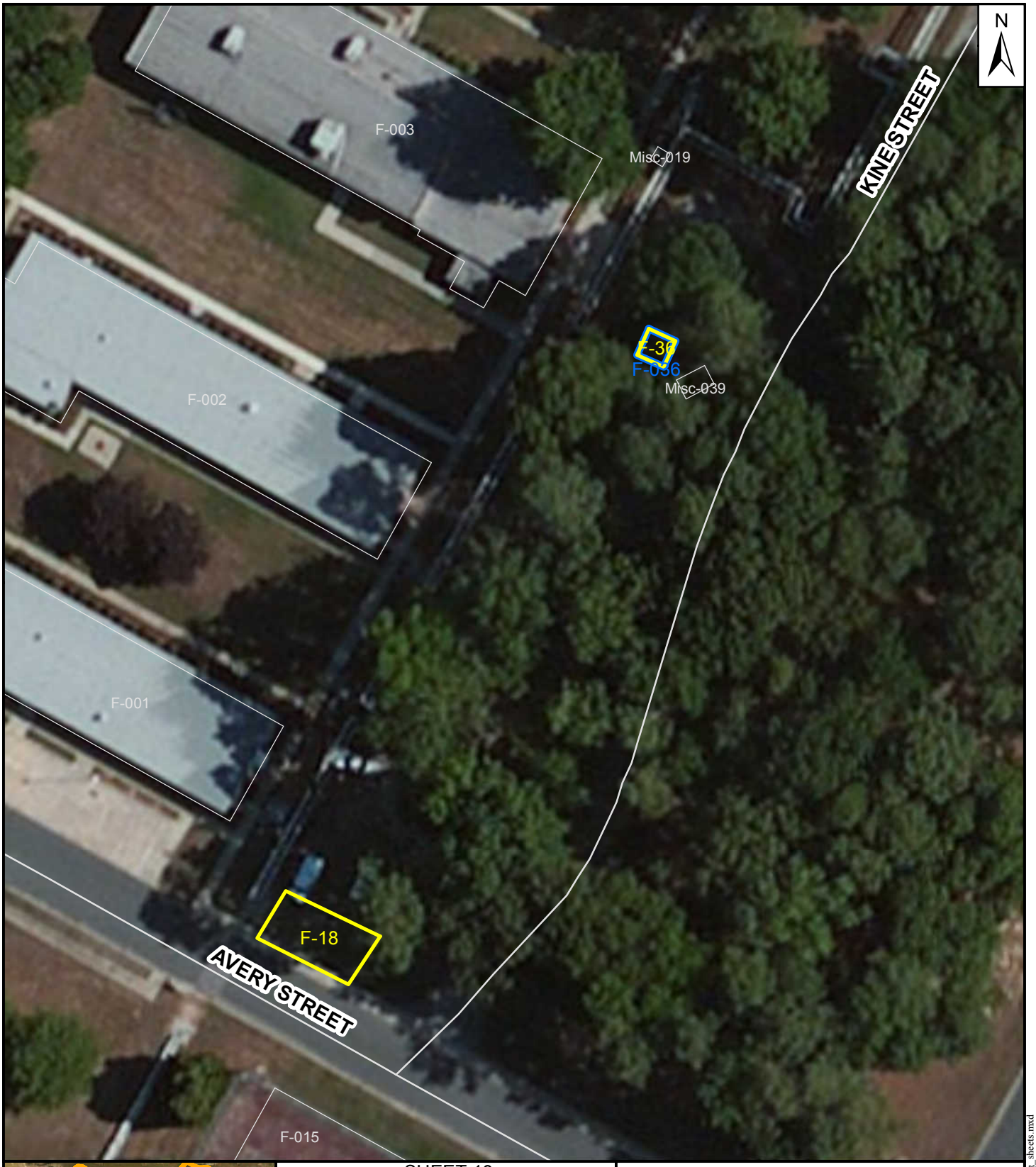

Base Map:
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SHEET 13

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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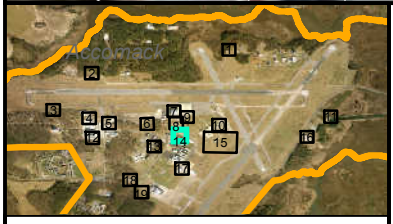

Base Map:
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SHEET 14

Legend

NASA Roads
Installation Area
USACE Buildings

NASA Buildings

Other Buildings
NASA Abandoned
NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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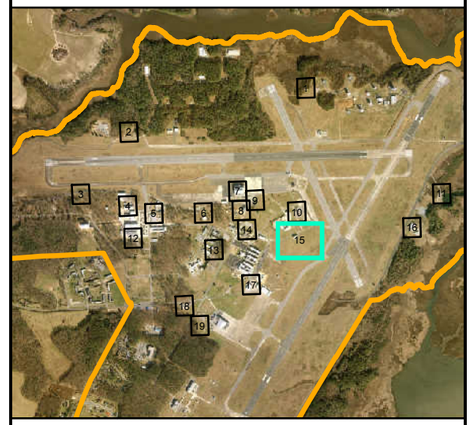
SHEET 15

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service



0 37.5 75 150 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

9/11/14

Bing Maps aerial:
Aerial photograph from ESRI Bing Maps map service
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Coordinate System: North American Datum, 1983
Universal Transverse Mercator, Zone 18, North, Meters

Path: G:\GIS_files\NASA WI\MXD\USACE2014\bldg_sheet_14.mxd

Base Map:
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SHEET 16

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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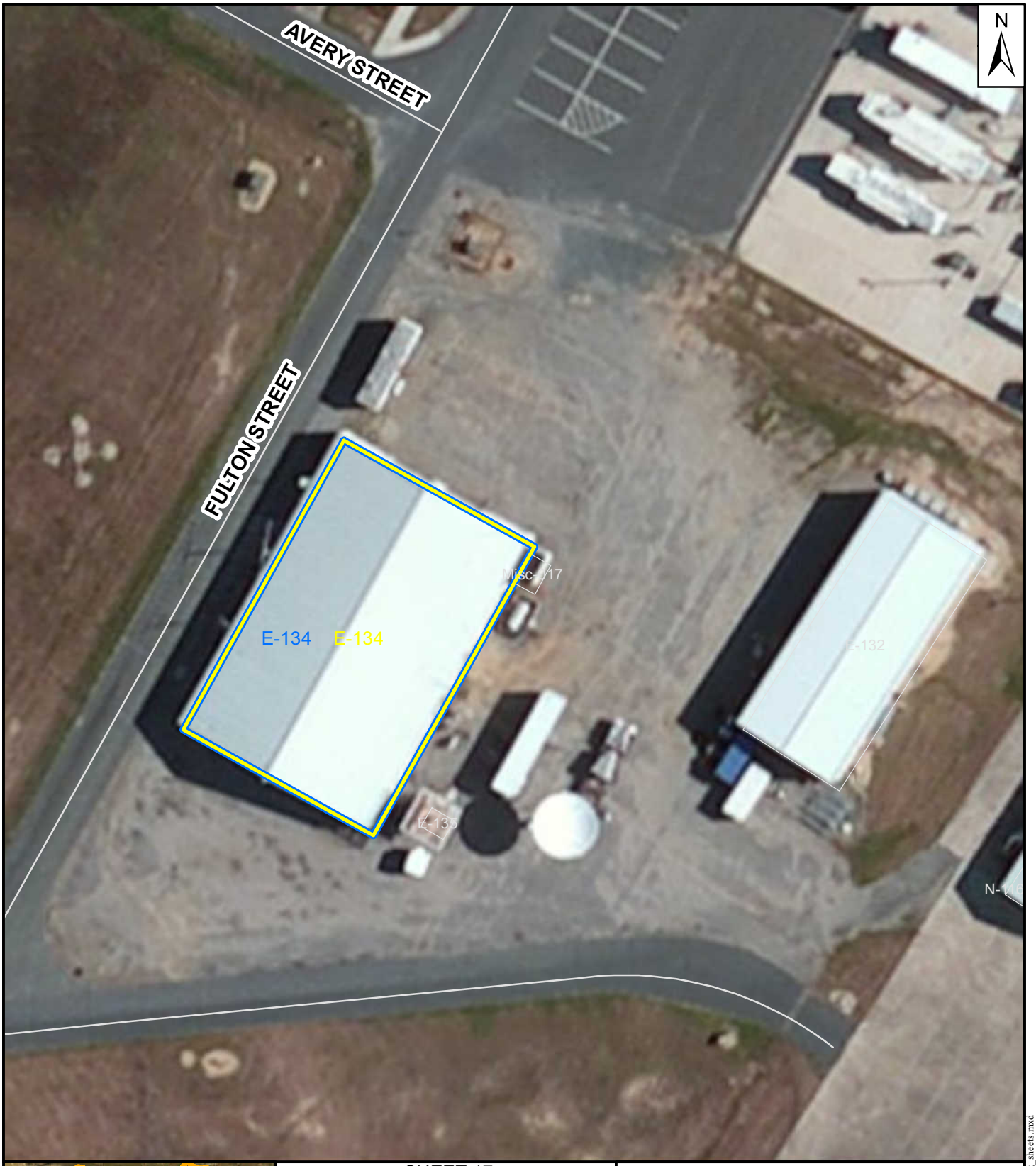

Base Map:
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SHEET 17

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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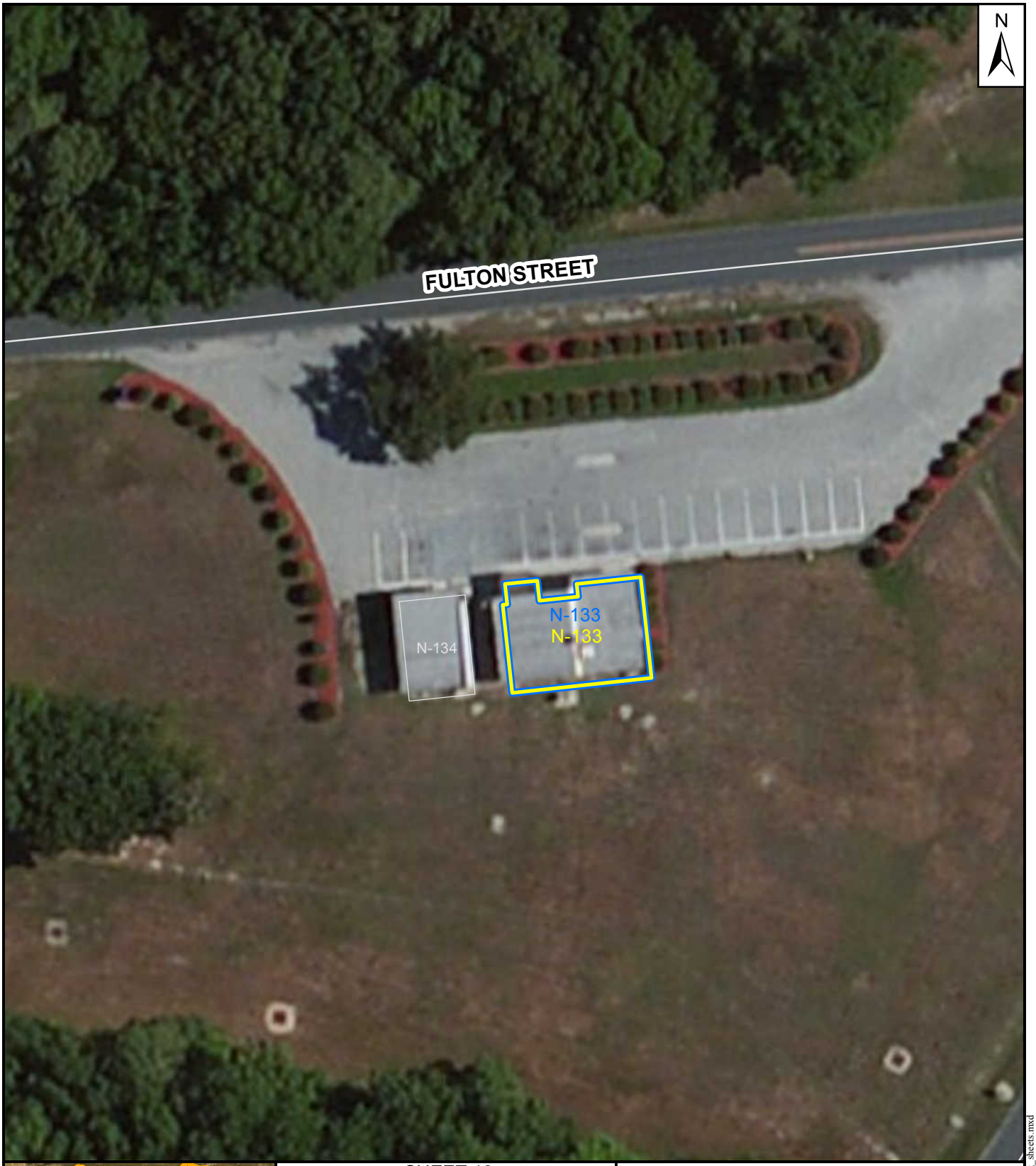

Base Map:
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SHEET 18

Legend

NASA Roads
Installation Area
USACE Buildings

NASA Buildings

Other Buildings
NASA Abandoned
NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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Base Map:
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SHEET 19

Legend

- NASA Roads
- Installation Area
- USACE Buildings

NASA Buildings

- Other Buildings
- NASA Abandoned
- NASA In-Service

0 25 50 100 Feet

Former Navy Sites
NASA Wallops Flight Facility
Wallops Island, Virginia

Prepared For: NASA

Prepared By: TETRA TECH

Date: 9/11/14

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APPENDIX C

NASA FORMERLY USED DEFENSE SITE (FUDS) SITES

NASA WFF FUDS SITES [1]		
USACE Project No. or NASA Site Name/No.	**Areas within Projects**	Clarification of Responsibility
USACE Project 03 – MMRP (Gunboat Point, Strafing Target, Ammunition Disposal Area, and Target Center located on northern portion of WI)	*Gunboat Point*	
	Strafing Target	
	Ammunition Disposal Area (also referred to as the EOD Area)	
	Target Center	
USACE Project 04 – MMRP (Machine Gun and Rocket Firing Area located on northeastern portion of WI)	*Machine Gun and Rocket Firing Area*	
USACE Project 05 – MMRP (Grebe Range and Explosive Ammunition Test Facility located on central to northern portion of WI)	*Grebe Range − Building W-42 − Concrete Slab 20-mm Gun*	FUDS responsible for MEC and any non-transformer issues; NASA responsible for transformers.
	Grebe Range − Building W-44 − Control Shack	FUDS responsible for MEC and any non-transformer issues; NASA responsible for transformers;
	Grebe Range − Building W-45 − Mk 37 Equipment Hut	FUDS responsible for MEC and any non-transformer issues; NASA responsible for transformers;
	Grebe Range − Building W-46 − Mk 37 Grebe Range	FUDS responsible for MEC and any non-transformer issues; NASA responsible for transformers;
	Explosive Ammunition Test Facility − Building W-81 − Explosive Ammunition Test Facility	
	Explosive Ammunition Test Facility − Building W-140 − Environmental Test Chamber	
	Explosive Ammunition Test Facility − Rocket Cluster Site	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
USACE Project 06 - HTRW (WI NAOTS Cantonment Area located on northern WI)	*Wallops NAOTS Cantonment Area (AI-1)*	FUDS - Anticipated NFA after current phase is completed
	Building W-13 – Carpenter Shop	
	Building W-23 – Saw Filing Shop	FUDS - Anticipated NFA after current phase is completed
	Building W-34 – Paint Shop	
	Building W-35 – Paint Storage	FUDS - Anticipated NFA after current phase is completed
	Building W-47- M37 Generator House	FUDS - Anticipated NFA after current phase is completed
	Building W-63 – Gasoline Storage Tank and W-64 – Fuel Oil Storage Tanks	FUDS - Anticipated NFA after current phase is completed
	Building W-65 – Battery Charging Shop	
	Building W-66 – Plumbing Shop	FUDS - Anticipated NFA after current phase is completed
	Building W-69 – Range Storage #1	FUDS - Anticipated NFA after current phase is completed
	Building W-69A – Range Storage #2	FUDS - Anticipated NFA after current phase is completed
	Building W-39 – NAN Battery Shed	FUDS - Anticipated NFA after current phase is completed

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
USACE SMP Project 07 – MMRP (Boat Basin et al. located on eastern portion of MB)	*Gun Butts No. 1 (J-18) and 2 (J-130)*	
	Pyrotechnics Dump	
	South Bank of Boat Basin	
USACE SMP Project 08 – HTRW (Boat Basin et al. located on eastern portion of MB)	*Building J-1 – Storehouse*	FUDS - Anticipated NFA after current phase is completed
	Building J-3 – Bos'n Locker Battery Locker	FUDS - Anticipated NFA after current phase is completed
	Building J-4 – Head (also known as Bathroom)	FUDS - Anticipated NFA after current phase is completed
	Building J-5 – Battery Shop (Boat)	FUDS - Anticipated NFA after current phase is completed
	Building J-6 – Paint Locker	FUDS - Anticipated NFA after current phase is completed
	Building J-7 – Carpenter Shop	FUDS - Anticipated NFA after current phase is completed
	Building J-13 – Machine Shop	FUDS - Anticipated NFA after current phase is completed
	Building J-14 – Storehouse	FUDS - Anticipated NFA after current phase is completed
	Septic Tank in Between J-1 and J-5	FUDS - Anticipated NFA after current phase is completed
USACE SMP Project 09 – MMRP (Main Base Range – Skeet Range located on north central portion of MB)	*Building A-26A and A-26B*	
	Building A-28 – Tower Trap House	
	Building A-37 – Control and Storage	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
USACE SMP Project 11 – HTRW (Main Base Areas of Interest located throughout MB)	*PROJECT 11 -- GROUNDWATER WITHIN PROJECT 11 AREA*	To Be Determined
	Building D-1 – Hangar	FUDS - Anticipated NFA after current phase is completed
	Building D-9 – Laundry and Dry-Cleaning Plant	FUDS - Anticipated NFA after current phase is completed
	Building D-21 – Battery Shop	
	Building D-22 – Gun Cleaning Shop	
	Building D-23 – CASU Paint Shop	FUDS - Anticipated NFA after current phase is completed
	Building D-24 – Rocket Assembly Hut	FUDS - Anticipated NFA after current phase is completed
	Building D-25 – Battery Shop	
	Building 9/B-5 – Hangar	FUDS - Anticipated NFA after current phase is completed
	Building 37/B-2 – Hangar	
	Building 58/B-14 – Hangar	FUDS - Anticipated NFA after current phase is completed
	Building 52/A-7 Auxiliary Power Station	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	Building A-45A – Aircraft Maintenance	
	Building B-16 – HEDRON Metal and Carpenter Shop	FUDS - Anticipated NFA after current phase is completed
	Building B-22 – Ground School Navigation Point	
	Building B-23 – PWD Paint Shop	FUDS - Anticipated NFA after current phase is completed
	Building 8B/B-24 – PWD Joiner Shop	
	Buildings B-26, B-28, and B-29 – Paint Storage	FUDS - Anticipated NFA after current phase is completed
	Building B-2A – Flammable Storage	
	Buildings B-47 and B-48 – Flammable Storage	
	Building B-53 – Flammable Storage	
	Buildings B-62 and B-63 – Flammable Storage	
	Building B-34 – Auto Body and Paint Shop/Fire House	FUDS - Anticipated NFA after current phase is completed
	Building B-37 – Paint Storage	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	Building B-41 – Paint Storage	FUDS - Anticipated NFA after current phase is completed
	Building B-42 – P.W. Plumbing and Sheet Metal Shop	
	Building E-6 – Garbage House	
	Building A-43 – Catapult	FUDS - Anticipated NFA after current phase is completed
	Building F-12 – Head/Trailer Park Laundry	FUDS - Anticipated NFA after current phase is completed
	Building F-22 – Photographic Laboratory	
	Building F-28 – Battery Locker	FUDS - Anticipated NFA after current phase is completed
	Building F-32 – Laundry and Heads	
	Building G-59 – Laundry	FUDS - Anticipated NFA after current phase is completed
	Building H-22 – Laundry and Storage	FUDS - Anticipated NFA after current phase is completed
	Buildings D-19 and D-20 – CASU Line Shack	
	Building D-42 – Line Shack − built by the Navy in 1947 (WFF-2957-23). Removed by the Navy circa 1950 (WFF-2957-23). No NACA/NASA use identified.	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	Buildings A-30 and A-31 – Line Shacks	FUDS - Anticipated NFA after current phase is completed
	Buildings A-34A and A-45 – Aircraft Operations Line Shacks	
	Building N-163 – Line Shack	FUDS - Anticipated NFA after current phase is completed
	Building N-164 – Line Shack	FUDS - Anticipated NFA after current phase is completed
	Building D-30 – Drone Engineering	FUDS - Anticipated NFA after current phase is completed
	Building 10/B-27 – Ambulance and Truck Garage	
	Building A-32 – Ordnance Shack	FUDS - Anticipated NFA after current phase is completed
	Building D-29 – Ordnance Shack	FUDS - Anticipated NFA after current phase is completed
	Building F-19 – Quonset Storage	
	Building M-15 – Ordnance Shack	FUDS - Anticipated NFA after current phase is completed
	Building N-116 – Ordnance Shop	
	Building D-28 – Carpenter Shop	FUDS - Anticipated NFA after current phase is completed

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	Building B-155 – Carpenter Shop	FUDS - Anticipated NFA after current phase is completed
	Building E-53 – Electric and Plumbing Shop	
	Building 21/B-6 – Link Trainer/Electric Shop	
	Building 41/B-17 – Utility Building/Storage	FUDS - Anticipated NFA after current phase is completed
	Building B-50 – Edging and Planning Shop	
	Building D-34 – Tire Shop	FUDS - Anticipated NFA after current phase is completed
	Building E-16 – Garage Storage	
	Building E-153 – Auto Body Paint Shop	
	Building E-31A – Heavy Equipment Repair Machine	
	Building E-82 – Gas Tanker Repair	
	Building E-146 – Paint Storage	
	Building B-20 – Ground School Communications/Carpenter Shop	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	Building 1/1D/C-4 – Barracks/Hobby Shop/Aircraft Maintenance	
	Building 1/1D/C-5 – Barracks/Hobby Shop/Aircraft Maintenance	
	Building E-10 – Ground School Projector/Laborer's Shop	
	Building 4B/C-3 – Latrine/Photographic Laboratory	
	D-44 - Fertilizer Building D-44 H Storage of Fertilizer	
	Building E-20 – Oil Storage	
	Building E-58 – Saw Mill	FUDS - Anticipated NFA after current phase is completed
	Building F-26 – Saw Mill	
	Building F-26A – Saw Mill	
	Building B-147 – Compressor Building	FUDS - Anticipated NFA after current phase is completed
	F-10, D-1, B-129, Runway 35, and N-159 Aprons	
	A-17 - Line Shack	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
	A-18 - Line Shack	FUDS - Anticipated NFA after current phase is completed
	A-34-B - Aircraft Operations Line Shack	
USACE SMP Project 12 – CON-HTRW (POL Storage and Distribution mostly located in central portion of MB)	*Building F-14 – Gas Station*	FUDS - Anticipated NFA after current phase is completed
	Building 7/E-19 – Bulk Oil Storage	FUDS - Anticipated NFA after current phase is completed
	Building B-5A – Heating Unit House	FUDS - Anticipated NFA after current phase is completed
	A-46 B - Jet Fuel Storage Tank Status: Closed in Place	FUDS - Anticipated NFA after current phase is completed
	A-46A - Jet Fuel Storage Tank Status: Closed in Place	FUDS - Anticipated NFA after current phase is completed
	Building E-56 – Ship Service Gasoline Station	
	Building A-46 – Jet Fuel Receiving Station	FUDS (but likely no contaminants; might have to revisit later if contaminants found)
	Pipeline on WMB	FUDS - Anticipated NFA after current phase is completed
USACE SMP Project 13 – HTRW (Old WWTP located on north central portion of MB)	*Old WWTP*	

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

USACE Project No. or NASA Site Name/No.	Areas within Projects	Clarification of Responsibility
USACE SMP Project 15 - HTRW (Active Remediation Projects)	*Site 9 Abandoned Drum Dump*	FUDS - Anticipated NFA after current phase is completed
	Construction Debris Landfill (CDL)	
	Site 14 Debris Pile	FUDS - Anticipated NFA after current phase is completed
	Site 15 Debris Pile	FUDS - Anticipated NFA after current phase is completed
	Site 48-M-Area Disturbed Soil	FUDS - Anticipated NFA after current phase is completed
	Site 49 − Runway 10/28 West End Disturbed Soil Site	FUDS - Anticipated NFA after current phase is completed
	Site 50 − Boat Basin Disturbed Soil Site	FUDS - Anticipated NFA after current phase is completed
	Site 51 − Airplane Parts Disposal Area	FUDS - Anticipated NFA after current phase is completed
	Site 52 − Runway 04/22 North End Construction Debris Area	FUDS - Anticipated NFA after current phase is completed
USACE Project 17 --PRP/HTRW Main Base (includes a variety of AOIs from the Main Base Sector)	*B-51 - Plating Shop B-51 B*	
	F-10 - NAOTS Hangar (ORD), Technical Services Shop and Offices F-10 J	
	D-44 - Fertilizer Building D-44 H Storage of Fertilizer (should be listed under Project 11)	
	N-159 - Air Maintenance Hangar N-159 In Use by NASA	

(1) Sites identified as FUDS Sites in Attachment A Memorandum of Agreement Wallops Flight Facility, VA Department of the Army & National Aeronautics and Space Administration 2/26/2015

All sites are FUDS responsibility unless otherwise noted in the Clarification of Responsibility.

APPENDIX D

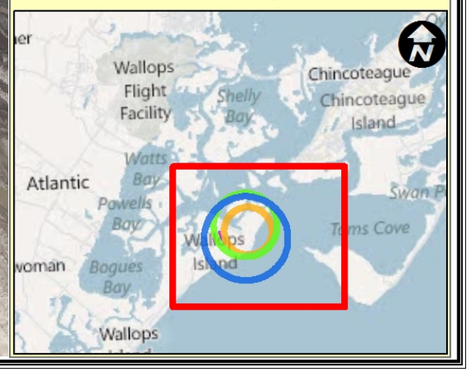
FUDS SITE LOCATIONS

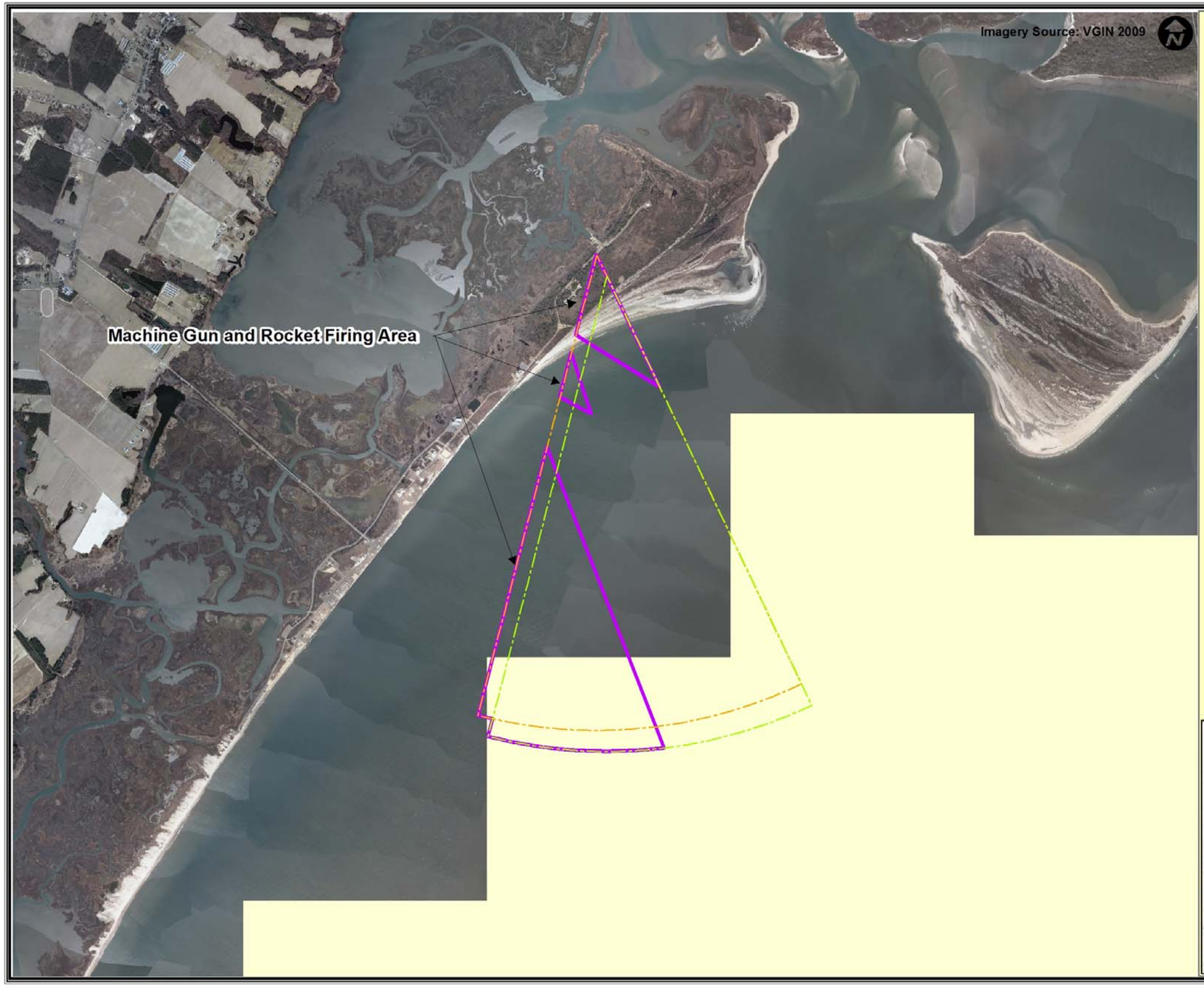
NASA Wallops Flight Facility Site Management Plan

Project 3 - Gunboat Point Bombing Area, StrafingTarget, Explosive Ordnance Disposal (EOD) Area, and Target Center (MRS 3)

- Explosive Ordnance Disposal (EOD) Area
- Gunboat Point Bombing Area
- Strafing Target
- Target Center

Vicinity





NASA Wallops Flight Facility Site Management Plan

Project 4 - Machine Gun and Rocket Firing Area (MRS 4)

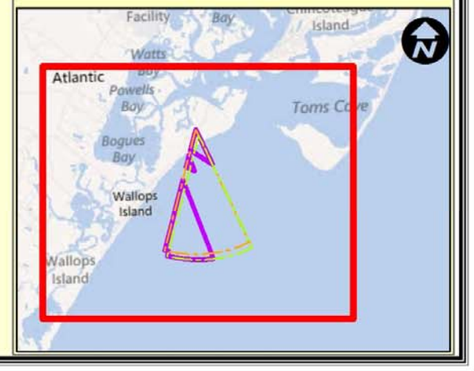
175/500 Yard range

750 Yard Range

MRS 4 - Machine Gun and Rocket Firing Area

Note: The 175/500 and 750 Yard Range dashed lines represent that portion of the MRS that is overlapped by MRS 5 - Grebe Range et. al. (see Project 05).

Vicinity



NASA Wallops Flight Facility Site Management Plan

Project 5 - Grebe Range et. al. (MRS 5)

Grebe Range/20mm Gun Slab

Explosive Ammunition Test Facility

Vicinity

Wallops NAOTS Cantonment Area (AI-1)
W-63 Gasoline Storage Tanks (AI-7)
W-64 Oil Storage Tanks (AI-8)
W-23 Saw Filing Machine Shop (AI-3)
W-69 Range Storage #1 (AI-11)
W-69A Range Storage #2 (AI-12)
W-34 Paint Shop (AI-4)
W-66 Plumbing Shop (AI-10)
W-35 Paint Storage Building (AI-5)
W-65 Battery Charging Shop (AI-9)
W-13 Carpenter Shop (AI-2)
W-39 NAN Battery Shed (AI-13)
NASA Wallops Flight Facility
Site Management Plan
Project 6 - Wallops Island
NAOTS Cantonment Area
Wallops NAOTS Cantonment Area (AI-1)
W-13 Carpenter Shop (AI-2)
W-23 Saw Filing Machine Shop (AI-3)
W-34 Paint Shop (AI-4)
W-35 Paint Storage Building (AI-5)
W-63 Gasoline Storage Tanks (AI-7)
W-64 Oil Storage Tanks (AI-8)
W-65 Battery Charging Shop (AI-9)
W-66 Plumbing Shop (AI-10)
W-69 Range Storage #1 (AI-11)
W-69A Range Storage #2 (AI-12)
W-39 NAN Battery Shed (AI-13)
Vicinity
Wallops Flight Facility
Shelly Bay
Watts Bay
Atlantic
Powells Bay
Wallops
Assawoman
Bogues Bay

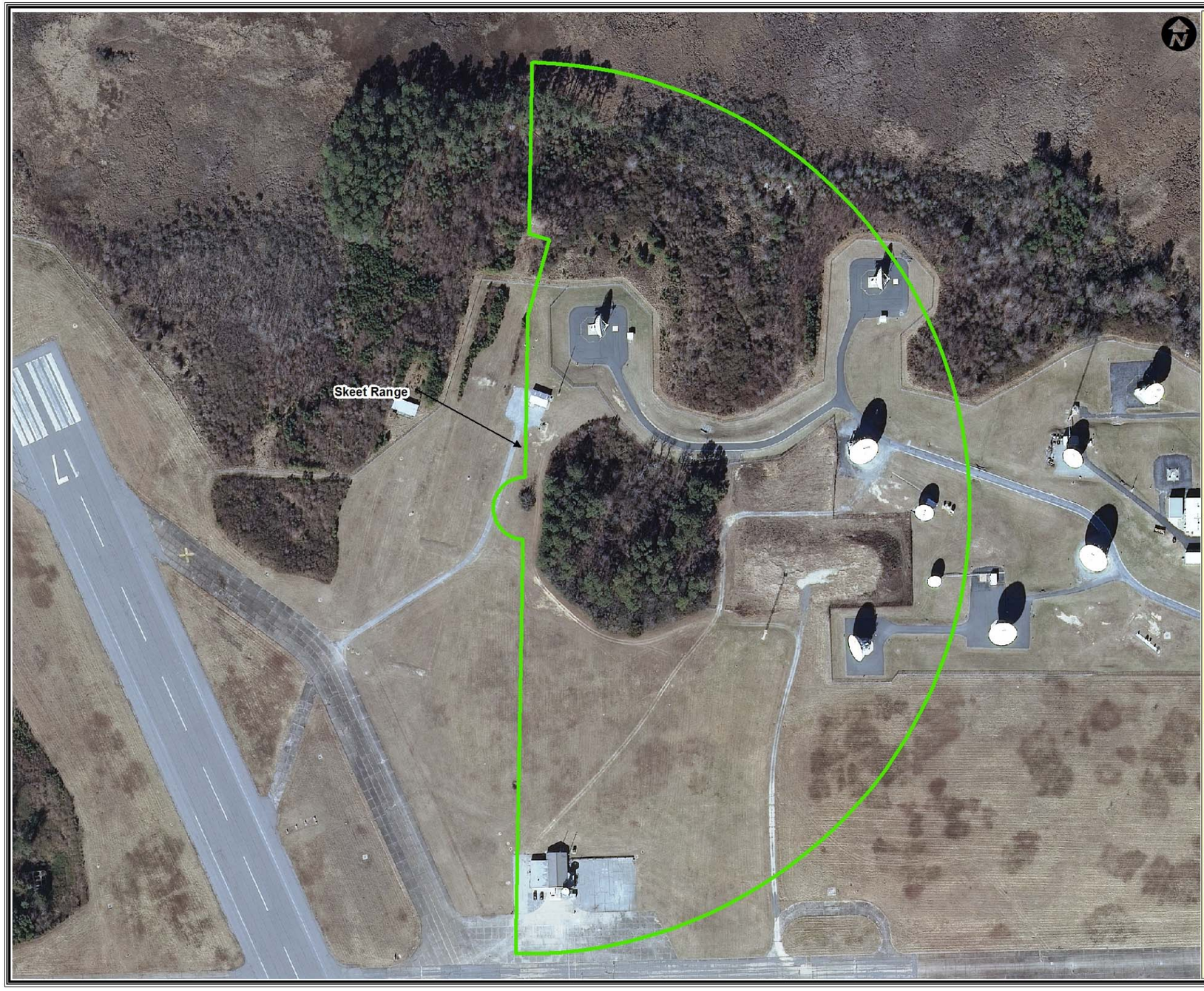
NASA Wallops Flight Facility Site Management Plan

Project 7 - MMRP-Boat Basin Visitor's Information Center (MRS 7)

- Gun Butt No. 1
- Gun Butt No. 2
- Pyrotechnic Dump
- South Bank Boat Basin

Vicinity

Septic Tank (A-9)
J-6 Paint Locker (AI-5)
J-1 Storehouse, Storage for Boat Division (AI-1)
J-14 Storehouse, Bos'n Locker (AI-8)
J-5 Battery Shop (AI-4)
J-4 Head (AI-3)
J-3 Battery Locker (AI-2)
J-13 Machine Shop (AI-7)
J-7 Carpenter Shop (AI-6)
J-12 Transformer Bank (A-10)
NASA Wallops Flight Facility
Site Management Plan
Project 8 - HTRW
Boat Basin Area
J-1 Storehouse, Storage for Boat Division (AI-1)
J-3 Battery Locker (AI-2)
J-4 Head (AI-3)
J-5 Battery Shop (AI-4)
J-6 Paint Locker (AI-5)
J-7 Carpenter Shop (AI-6)
J-13 Machine Shop (AI-7)
J-14 Storehouse, Bos'n Locker (AI-8)
Septic Tank near J-1 (AI-9)
J-12 Transformer Bank (AI-10)
Vicinity
Little Mosquito Creek
Wallops Flight Facility
Surface Combat Systems Center
Simoneaston Bay
Chincoteague Rd
Wattsville



NASA Wallops Flight Facility
Site Management Plan

Project 9 - MMRP
Main Base Ranges (MRS 9)

Skeet Range

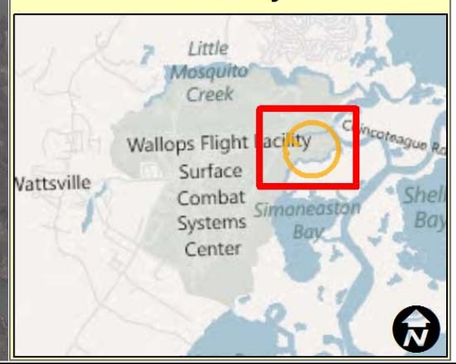
Vicinity

NASA Wallops Flight Facility
Site Management Plan

Project 10 - MMRP
Practice Bombing Target
(MRS 10)

Practice Bombing Target

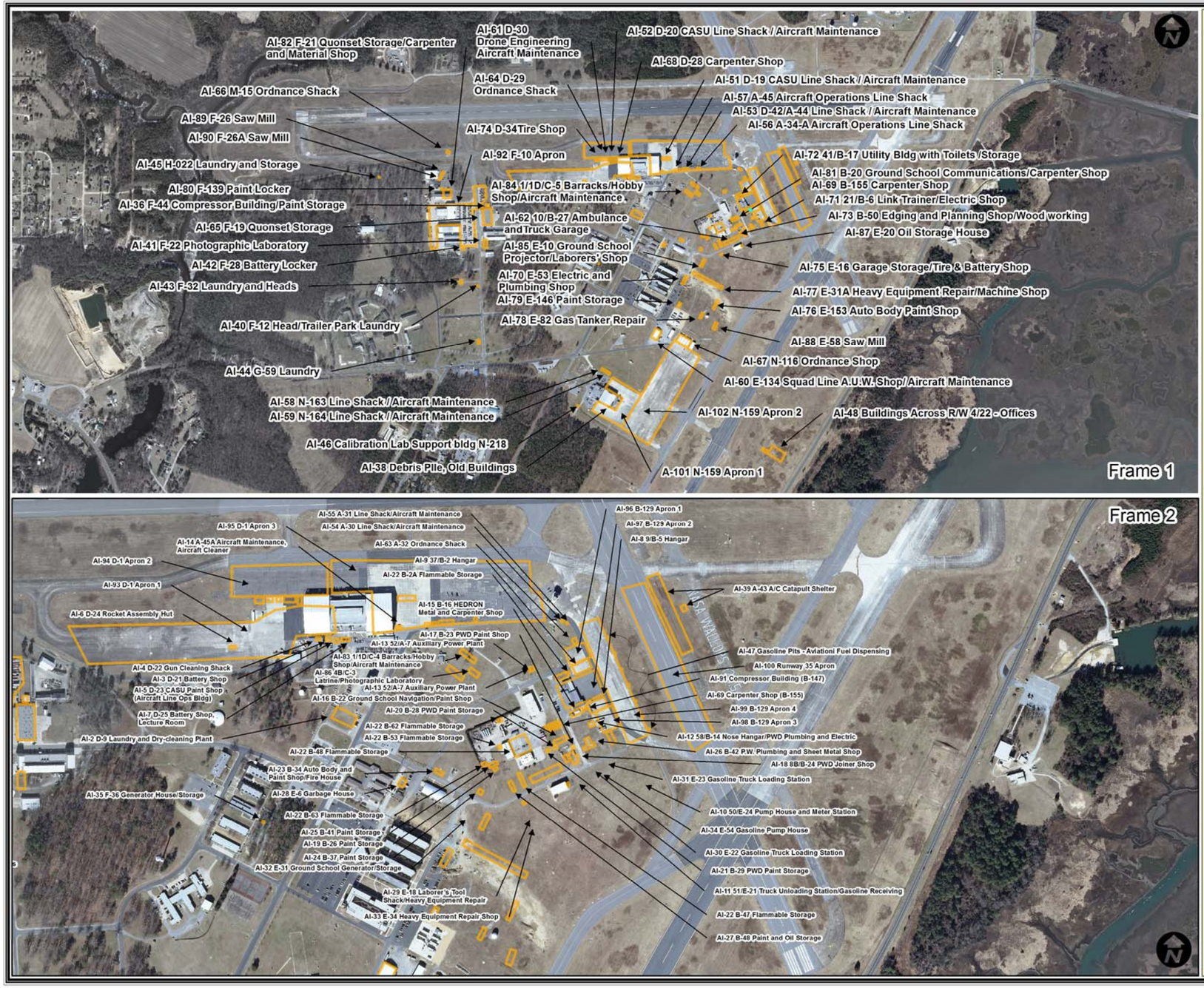
Vicinity



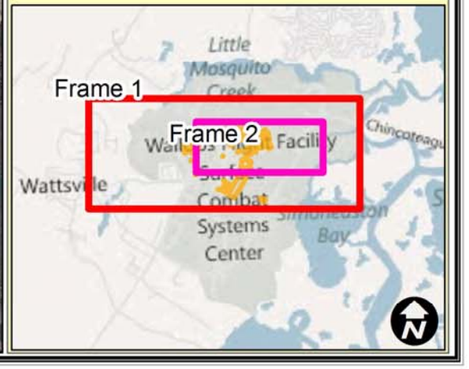
NASA Wallops Flight Facility
Site Management Plan

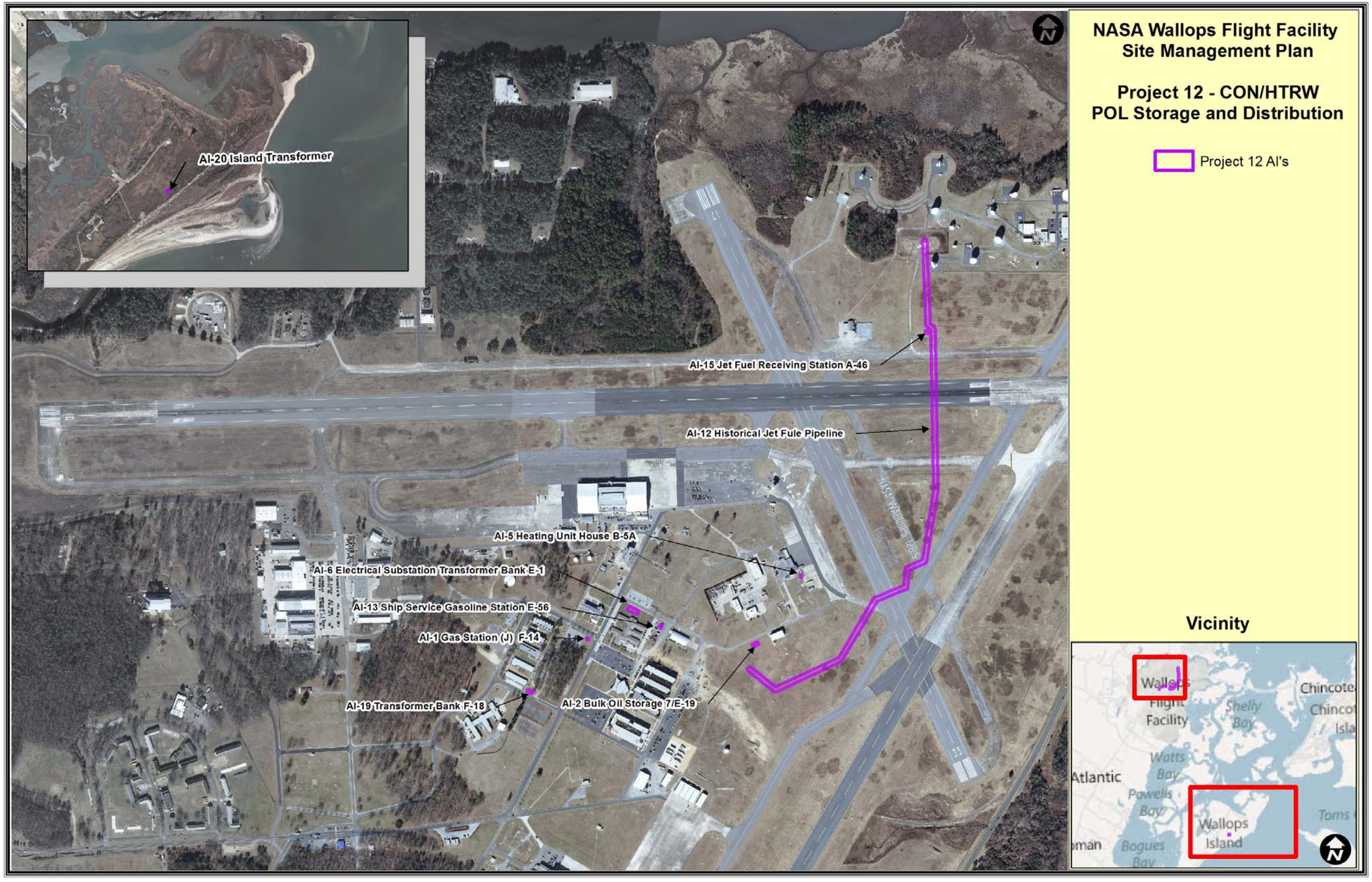
Project 11 - HTRW
Main Base Areas of Interest

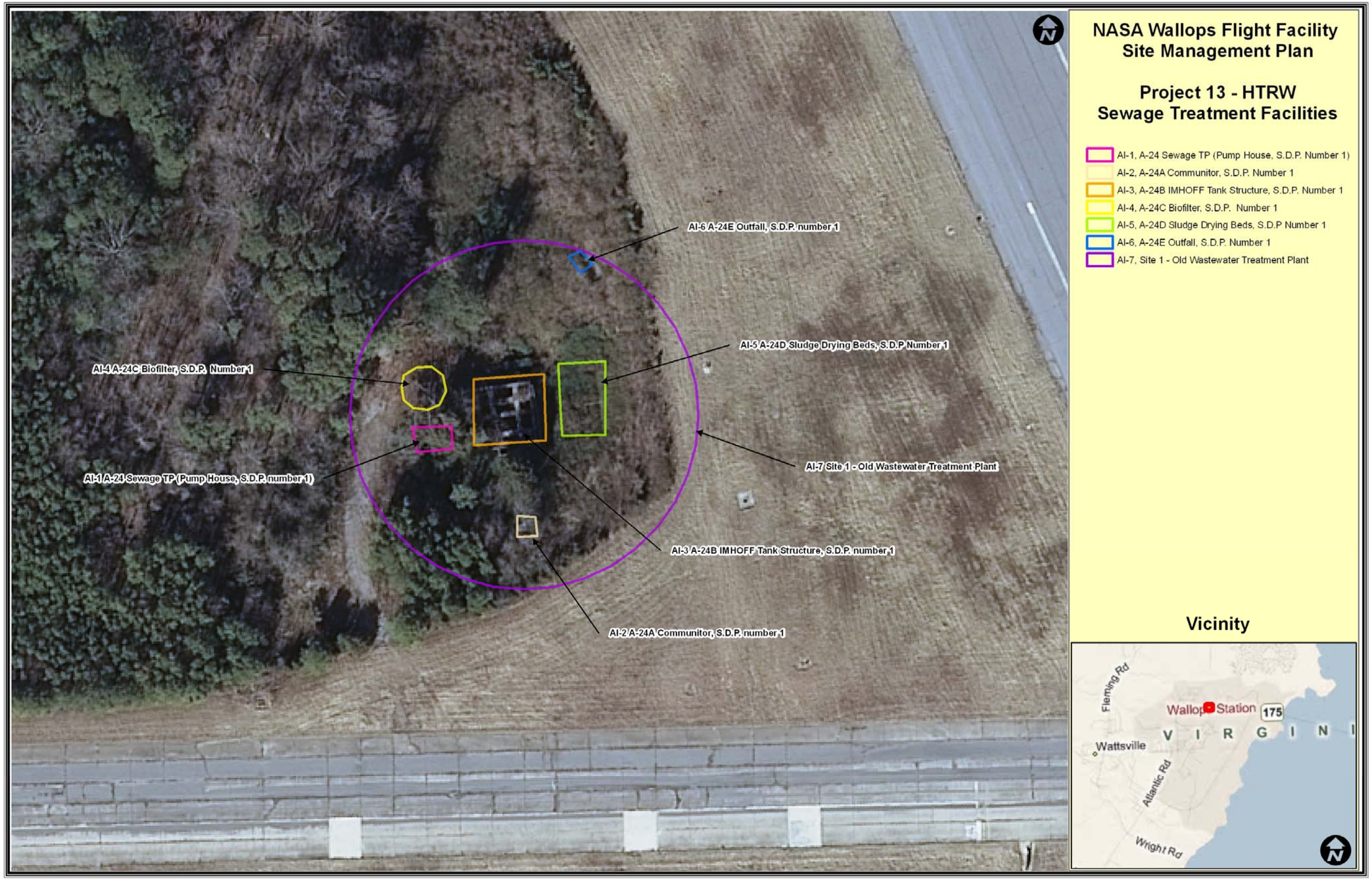
Project 11 AI's



Vicinity




AI-20 Island Transformer
AI-15 Jet Fuel Receiving Station A-46
AI-12 Historical Jet Fule Pipeline
AI-5 Heating Unit House B-5A
AI-6 Electrical Substation Transformer Bank E-1
AI-13 Ship Service Gasoline Station E-56
AI-1 Gas Station (J) F-14
AI-19 Transformer Bank F-18
AI-2 Bulk Oil Storage 7/E-19
NASA Wallops Flight Facility
Project 12 - CON/HTRW
POL Storage and Distribution
Project 12 AI's
Vicinity
Wallops Flight Facility
Shelly Bay
Watts Bay
Powells Bay
Bogues Bay
Wallops Island
Atlantic



NASA Wallops Flight Facility
Site Management Plan

Project 13 - HTRW
Sewage Treatment Facilities

- AI-1, A-24 Sewage TP (Pump House, S.D.P. Number 1)
- AI-2, A-24A Communitor, S.D.P. Number 1
- AI-3, A-24B IMHOFF Tank Structure, S.D.P. Number 1
- AI-4, A-24C Biofilter, S.D.P. Number 1
- AI-5, A-24D Sludge Drying Beds, S.D.P Number 1
- AI-6, A-24E Outfall, S.D.P. Number 1
- AI-7, Site 1 - Old Wastewater Treatment Plant

Vicinity

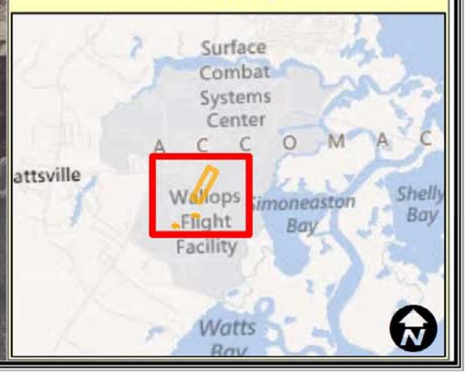
NASA Wallops Flight Facility
Site Management Plan

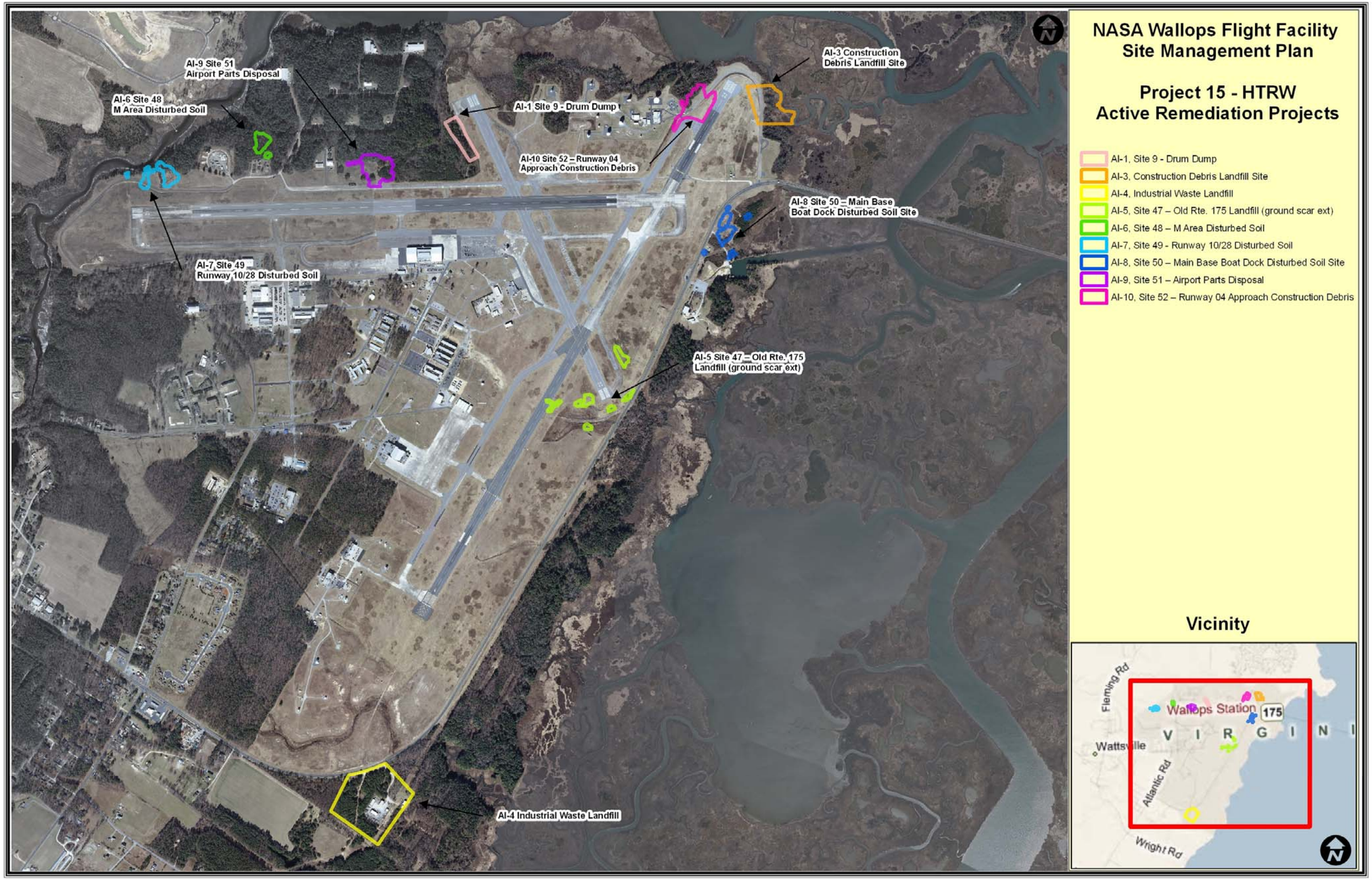
Project 14 - MMRP
Regulus Launch Area (MRS 14)

Regulus Launch Area MRS

Probable Regulus Launch Area

Vicinity




AI-9 Site 51
Airport Parts Disposal
AI-6 Site 48
M Area Disturbed Soil
AI-1 Site 9 - Drum Dump
AI-3 Construction
Debris Landfill Site
AI-10 Site 52 – Runway 04
Approach Construction Debris
AI-8 Site 50 – Main Base
Boat Dock Disturbed Soil Site
AI-7 Site 49
Runway 10/28 Disturbed Soil
AI-5 Site 47 – Old Rte. 175
Landfill (ground scar ext)
AI-4 Industrial Waste Landfill
NASA Wallops Flight Facility
Site Management Plan
Project 15 - HTRW
Active Remediation Projects
AI-1, Site 9 - Drum Dump
AI-3, Construction Debris Landfill Site
AI-4, Industrial Waste Landfill
AI-5, Site 47 – Old Rte. 175 Landfill (ground scar ext)
AI-6, Site 48 – M Area Disturbed Soil
AI-7, Site 49 - Runway 10/28 Disturbed Soil
AI-8, Site 50 – Main Base Boat Dock Disturbed Soil Site
AI-9, Site 51 – Airport Parts Disposal
AI-10, Site 52 – Runway 04 Approach Construction Debris
Vicinity
Fleming Rd
Wallops Station
175
V I R G I N I
Wattsville
Atlantic Rd
Wright Rd