National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 20, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**286**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 20 Test Reports Lead in Air at Test Stan

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Test Reports: Lead in air at Test Stand and Chain	OHC	3	3.4.1.1.c	-	-	
-	of custody 2-14-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/19/15 10:56 AM
Collected: 2/14/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S31	2/14/2015	2/20/2015	706 L	5.7 µg/m³	<5.7 µg/m³
341501565-0001	Site: Outside Flame Bucket, Top Of Stairs				
S32	2/14/2015	2/20/2015	708 L	5.6 µg/m³	<5.6 µg/m³
341501565-0002	Site: 20 Ft North Of Smoke Tent On Tool Box				
S33	2/14/2015	2/20/2015	708 L	5.6 µg/m³	<5.6 µg/m³
341501565-0003	Site: 7 Ft East Of Waste Container On Concrete Wall				
S34	2/14/2015	2/20/2015	696 L	5.7 µg/m³	<5.7 µg/m³
341501565-0004	Site: East Pier Center South Door Opening				
S35	2/14/2015	2/20/2015	698 L	5.7 µg/m³	<5.7 µg/m³
341501565-0005	Site: South Side Of B2 Test Stand, Top OF Panel 10 Low				
S36	2/14/2015	2/20/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341501565-0006	Site: AQ/QC				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 02/20/2015 12:16:40

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ If Bill to is Different note instr	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ **If no box is checked, non-ASTM Wipe is assumed*	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
	Next	Page	

Client Sample #'s ~S31 thru S35 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 02/14/15 **Time:** 4:00 pm

Received (Lab): **Date:** 2/19/15 **Time:** 10:56am

Comments:

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m Outside the B-2 Test Stand

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S31	Outside Flame Bucket, Top of Stairs	706L	2/14/15 8:39am/ 2:32pm
S32	20 Ft North of Smoke Tent on Tool Box	708L	2/14/15 8:41am/ 2;35pm
S33	7 Ft East of Waste Container on concrete wall	708L	2/14/15 8:44am/ 2:38pm
S34	East Pier Center South Door Opening	696L	2/14/15 8:55am/ 2:43pm
S35	South Side of B2 Test Stand, Top of panel 10 low pressure GH sample panel	698L	2/14/15 8:57am/ 2:46pm
S36	QA/QC	0L	2/14/15 0min

Comments/Special Instructions:

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m Outside the B-2 Test Stand.

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 23, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**287**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 20 Lead Exposure Reports 2-19 & 2-20-

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Lead Exposure Reports and Chain of Custody	OHC	3	3.4.1.1.c	-	-	
-	2-19-15 & 2-20-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/21/15 1:38 PM
Collected: 2/20/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S37	2/19/2015	2/21/2015	478 L	8.4 µg/m³	<8.4 µg/m³
341501645-0001	Site: (b)(4) 2256 Buck Hoist For Soft Core				
S38	2/20/2015	2/21/2015	784 L	5.1 µg/m³	<5.1 µg/m³
341501645-0002	Site: (b)(4) 3470 Buck Hoist For Soft Core				
S39	2/20/2015	2/21/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341501645-0003	Site: QA/QC				
S40	2/19/2015	2/21/2015	730 L	5.5 µg/m³	<5.5 µg/m³
341501645-0004	Site: (b)(4) 2256 Soft Core				
S41	2/20/2015	2/21/2015	716 L	5.6 µg/m³	<5.6 µg/m³
341501645-0005	Site: (b)(4) 4683 Soft Core				
S42	2/20/2015	2/21/2015	704 L	5.7 µg/m³	<5.7 µg/m³
341501645-0006	Site: (b)(4) 7764				
S43	2/20/2015	2/21/2015	650 L	6.2 µg/m³	<6.2 µg/m³
341501645-0007	Site: 14th Fl. Area				
S44	2/20/2015	2/21/2015	630 L	6.3 µg/m³	<6.3 µg/m³
341501645-0008	Site: 16 Fl Area				
S45	2/20/2015	2/21/2015	616 L	6.5 µg/m³	<6.5 µg/m³
341501645-0009	Site: 13 Fl Area				
S46	2/20/2015	2/21/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341501645-0010	Site: QA/QC				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 02/21/2015 15:01:47

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
	Next	Page	
S37	(b)(4) 256 Buck Hoist for Soft Core	478L	2-19-15 2:15pm6.14pm
S38	(b)(4) 3470 Buck Hoist for Soft Core	784L	2-20-15 9:34am4:06pm
S39	QA/QC	0L	2-20-15 0min

Client Sample #'s - S31 thru S35 **Total # of Samples:** 5 3

Relinquished (Client): (b)(4) **Date:** 02/20/15 **Time:** 4:00 pm

Received (Lab): (b)(4) **Date:** 2/24/15 **Time:** 135 pm

Comments:
Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ *Preserved with HNO_3 pH < 2* ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
	Next	Page	
S40	(b)(4) 2256 Soft Core	730L	2-19-15 9:25am3:30pm
S41	(b)(4) 4683 Soft Core	716L	2-20-15 9:32am3:30pm
S42	(b)(4) 7764	704L	2-20-15 9.40am3:32pm
S43	14th Fl. Area	650L	2-20-15 9:50am3:15pm

Client Sample #'s ~S31 thru S35 **Total # of Samples:** # 7

Relinquished (Client):	(b)(4)	**Date:**	02/20/15	**Time:**	4:00 pm
Received (Lab):		**Date:**		**Time:**	

Comments:
Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

Page 1 of 1 pages

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S44	16 Fl Area	630L	2-20-15 10.02am3:17pm
S45	13th Fl Area	616L	2-20-15 10:12pm3:20pm
S46	QA/QC	0L	2-20-15 0min

Comments/Special Instructions:

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 24, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO.		
	NNS14AA30T	0	NEW SUBMITTAL
		X	RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**288**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 20 Wipe Samples Reports 2-22 & 2-24-	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT		VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
				SPECIFICATION PARAGRAPH NO. (e)	DRAWING SHEET NO. (f)		
1	Wipe Samples Collected Reports and Chain of Custody	OHC	3	3.4.1.1.c	-	-	
-	2-22-15 & 2-24-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/24/15 8:35 AM
Collected: 2/23/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW01	2/22/2015	2/24/2015	144 in²	10 µg/ft²	12 µg/ft²
341501705-0019	Site: Decon Wipe Decon Floor 13 Level				
SCGW02	2/23/2015	2/24/2015	144 in²	10 µg/ft²	140 µg/ft²
341501705-0020	Site: Level 11 Floor Inside Work Area @ Decon Entrance				
SCGW03	2/23/2015	2/24/2015	144 in²	10 µg/ft²	160 µg/ft²
341501705-0021	Site: Outside Decon Level 11 Walkway Floor				
SCGW04	2/23/2015	2/24/2015	144 in²	10 µg/ft²	280 µg/ft²
341501705-0022	Site: Level 11 Clean Room in Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 02/24/2015 10:51:24

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S47	(b)(4) Soft Core Exterior South Clean-up	1150L	2/21/15 8:20am 5:55pm
S48	(b)(4) 0842/ Soft Core Exterior South Clean-up	1150L	2/21/15 8:20am 5:55pm
S49	14th Fl Area sample preparing above decon-w/a	1030L	2/21/15 8:40am 5:45pm
S50	13th Fl Area sample preparing outside decon-w/a	1024L	2/21/15 8:42am 5:46pm
S51	12th Fl Area sample preparing below decon-w/a	1018L	2/21/15 8:44am 5:47pm

Client Sample #'s - S47 thru S65 **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 02/23/15 **Time:** 5:00 pm

Received (L(b)(4) **te:** 2/24/15 **Time:** 8:35am

Comments: please Emdic (b)(4) & myself

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S52	Ground Level Area sample while cleaning	1226L	2/21/15 8:51am 7:04pm
S53	QA/QC	0L	2/21/15 0min
S54	(b)(4) 7607/ Soft Core Exterior South Clean-up	1192L	2/22/15 7:50am5:46pm
S55	(b)(4) 9075/ Soft Core Exterior South Clean-up	VOID	2/22/15 7:50amVOID
S56	10 Feet East of Vec Loader	1184L	2/22/15 8:03am 5:55pm
S57	In between both Dust Collectors	1022L	2/22/15 8:25am 5:56pm
S58	14th Fl Area sample preparing above decon-w/a	1210L	2/22/15 8:40am 6:45pm
S59	13th Fl Area sample preparing outside decon entrance -w/a	1210L	2/22/15 8:41am 6:46pm
S60	12th Fl Area sample preparing below decon-w/a	1210L	2/22/15 8:43am 6:48pm
S61	QA/QC	0L	2/22/15 0min
S62	14th Fl Area sample preparing above decon-w/a	400L	2/22/15 6:45pm 10 05am
S63	13th Fl Area sample preparing outside decon-w/a	408L	2/22/15 6:46pm 10:10am
S64	12th Fl Area sample preparing below decon-w/a	414L	2/22/15 6:48pm 10:15am
S65	(b)(4) 7667/ South Side Exterior Wipe Down	370L	2/22/15 6:55pm 10:00pm

Comments/Special Instructions:

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

Page 2 of 3 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Chain of Custody

EMSL Order Number *(Lab Use Only)*: (b)(4)

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
SCGW01	Decon Wipe Decon Floor 13 Level	12" x 12"	2-22-15 2100
SCGW02	Level 11 Floor inside work Area @ the Decon Entrance	12" x 12"	2-23-15 1100
SCGW03	outside Decon Level 11 Walk Way Floor	12" x 12"	2-23-15 1115
SCGW04	Level 11 Clean Room in Decon	12" x 12"	2-23-15 1145

*Comments/Special Instructions:

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

3 of 3

Controlled Document-OneChain-R3-11/8/2011

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE February 25, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	0 NEW SUBMITTAL / X RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**289**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 20 Air & Wipe Reports 2-23 & 2-24-15	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Reports and Chain of Custody	OHC	3	3.4.1.1.c	-	-	
-	2-23-15 & 2-24-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/24/15 9:25 AM
Collected: 2/23/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S66	2/23/2015	2/24/2015	830 L	4.8 µg/m³	140 µg/m³
251501027-0001	Site: (b)(4) Soft Core int. 19th fl				
S67	2/23/2015	2/24/2015	810 L	4.9 µg/m³	<4.9 µg/m³
251501027-0002	Site: (b)(4) Soft Core int. 19th fl				
S68	2/23/2015	2/24/2015	600 L	6.7 µg/m³	<6.7 µg/m³
251501027-0003	Site: 14th Fl Area above decon-w/a				
S69	2/23/2015	2/24/2015	600 L	6.7 µg/m³	<6.7 µg/m³
251501027-0004	Site: 13th Fl Area outside decon-w/a				
S70	2/23/2015	2/24/2015	570 L	7.0 µg/m³	<7.0 µg/m³
251501027-0005	Site: 12th Fl Area below decon-w/a				
S71	2/23/2015	2/24/2015	730 L	5.5 µg/m³	<5.5 µg/m³
251501027-0006	Site: 10' from Vec Loader				
S72	2/23/2015	2/24/2015	730 L	5.5 µg/m³	<5.5 µg/m³
251501027-0007	Site: Area Between the Dust Collector				
S73	2/23/2015	2/24/2015	700 L	5.7 µg/m³	<5.7 µg/m³
251501027-0008	Site: 9th Floor outside under PASI work area				
S74	2/23/2015	2/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
251501027-0009	Site: QA/QC				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/24/2015 15:54:00

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/24/15 9:25 AM
Collected: 2/23/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW 04 *251501027-0010*	2/23/2015 Site: 13th FL Clean Room	2/24/2015	144 in²	10 µg/ft²	57 µg/ft²
SCGW 05 *251501027-0011*	2/23/2015 Site: 11th FL Clean Room	2/24/2015	144 in²	10 µg/ft²	56 µg/ft²
SCGW 06 *251501027-0012*	2/23/2015 Site: 11th FL Outside Clean Room	2/24/2015	144 in²	10 µg/ft²	270 µg/ft²
SCGW 07 *251501027-0013*	2/23/2015 Site: S Side Ground Level/Fan E of Door	2/24/2015	144 in²	10 µg/ft²	190 µg/ft²
SCGW 08 *251501027-0014*	2/23/2015 Site: S Side Ground Level/Plate May	2/24/2015	144 in²	10 µg/ft²	64 µg/ft²
SCGW 09 *251501027-0015*	2/23/2015 Site: S Side Ground Level	2/24/2015	144 in²	10 µg/ft²	52 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/24/2015 15:54:00

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour (b)(4) ■ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0 01%	☐
(b)(4) **Air**	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
(b)(4) **Wipe*** ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

(b)(4)

Name of Sampler: Mark Fohn **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S66	(b)(4) Soft Core interior 19th fl Clean-up	830L	2/23/15 9:40am 16.35pm
S67	(b)(4) Soft Core interior 19th fl Clean-up	810L	2/23/15 9:45am 16:30pm
S68	14th Fl Area sample above decon-w/a	600L	2/23/15 10 05am 15:55pm
S69	13th Fl Area sample outside decon-w/a	600L	2/23/15 10 10am 15:50pm
S70	12th Fl Area sample below decon-w/a	570L	2/23/15 10 15am 16:00pm

Client Sample #'s - S66 thru S74 / SCGW04 THRU SCGW09 **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 02/24/15 **Time:** 7:30 pm

Received (Lab): **Date:** 2/24/15 **Time:** 9:25 am

Comments:

Stennis space Center, Mississippi All samples taken in the breathing zone at 2.0 l/m

Courier

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S71	10 feet from Vec Loader	730L	2/23/15 10 40am 16 45pm
S72	Area Between the Dust Collector	730L	2/23/15 10:40am 16:45pm
S73	9th Floor outside under the PASI work area	700L	2/23/15 10:50am 16:40pm
S74	QA/QC	0L	2/23/15 0min
SCGW 04	13TH FL CLEAN ROOM	12X12 AREA	2/23/15
SCGW 05	11TH FL CLEAN ROOM	12X12 AREA	2/23/15
SCGW 06	11TH FL OUTSIDE CLEAN ROOM	12X12 AREA	2/23/15
SCGW 07	SOUTH SIDE GROUND LEVEL / FAN EAST OF DOOR	12X12 AREA	2/23/15
SCGW 08	SOUTH SIDE GROUND LEVEL / PLATE MAY	12X12 AREA	2/23/15
SCGW 09	SOUTH SIDE GROUND LEVEL /	12X12 AREA	2/23/15

Comments/Special Instructions:

Stennis space Center. Mississippi All samples taken in the breathing zone at 2.0 l/m

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 26, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	0 NEW SUBMITTAL X RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**290**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 20 Air & Wipe Reports collected 2-24-1	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Reports and Chain of Custody	OHC	3	3.4.1.1.c	-	-	
-	collected 2-24-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/25/15 9:30 AM
Collected: 2/24/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S74A	2/23/2015	2/25/2015	2270 L	1.8 µg/m³	<1.8 µg/m³
251501060-0001	Site: 13th Fl Area above decon-w/a				
S75	2/23/2015	2/25/2015	2262 L	1.8 µg/m³	<1.8 µg/m³
251501060-0002	Site: 14th Fl Area above decon-w/a				
S76	2/23/2015	2/25/2015	2254 L	1.8 µg/m³	<1.8 µg/m³
251501060-0003	Site: 12th Fl Area above decon-w/a				
S77	2/24/2015	2/25/2015	870 L	4.6 µg/m³	<4.6 µg/m³
251501060-0004	Site: (b)(4) 9075				
S78	2/24/2015	2/25/2015	870 L	4.6 µg/m³	<4.6 µg/m³
251501060-0005	Site: (b)(4) 7607				
S79	2/23/2015	2/25/2015	1054 L	3.8 µg/m³	<3.8 µg/m³
251501060-0006	Site: 14th Fl Area above decon-w/a				
S80	2/23/2015	2/25/2015	1054 L	3.8 µg/m³	<3.8 µg/m³
251501060-0007	Site: 13th Fl Area outside decon-w/a				
S81	2/23/2015	2/25/2015	1054 L	3.8 µg/m³	<3.8 µg/m³
251501060-0008	Site: 12th Fl Area below decon-w/a				
S82	2/24/2015	2/25/2015	1106 L	3.6 µg/m³	<3.6 µg/m³
251501060-0009	Site: 10' from Vec Loader				
S83	2/24/2015	2/25/2015	1106 L	3.6 µg/m³	<3.6 µg/m³
251501060-0010	Site: Area Between Dust Collector				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/25/2015 15:20:41

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/25/15 9:30 AM
Collected: 2/24/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW 10 *251501060-0011*	2/24/2015	2/25/2015 Site: 13th FL Clean Room	144 in²	10 µg/ft²	75 µg/ft²
SCGW 11 *251501060-0012*	2/24/2015	2/25/2015 Site: Outside 13th FL Clean Room	144 in²	10 µg/ft²	230 µg/ft²
SCGW 12 *251501060-0013*	2/24/2015	2/25/2015 Site: 11th FL Clean Room	144 in²	10 µg/ft²	110 µg/ft²
SCGW 13 *251501060-0014*	2/24/2015	2/25/2015 Site: 11th FL Outside Clean Room	144 in²	10 µg/ft²	170 µg/ft²
SCGW 14 *251501060-0015*	2/24/2015	2/25/2015 Site: Brown Tool Box 50' E of B Stand Ent.	144 in²	100 µg/ft²	1300 µg/ft²
SCGW 15 *251501060-0016*	2/24/2015	2/25/2015 Site: Magnum Lite Stand 25' N of B Stand Ent.	144 in²	10 µg/ft²	13 µg/ft²
SCGW 16 *251501060-0017*	2/24/2015	2/25/2015 Site: P&H Crane 45' N of -B Stand Ent.	144 in²	10 µg/ft²	38 µg/ft²
SCGW 17 *251501060-0018*	2/24/2015	2/25/2015 Site: JLG Scissor Lift 25' W of B Stand Ent.	144 in²	10 µg/ft²	180 µg/ft²
SCGW 18 *251501060-0019*	2/24/2015	2/25/2015 Site: Glenn Crane Rigging	144 in²	10 µg/ft²	19 µg/ft²
SCGW 19 *251501060-0020*	2/24/2015	2/25/2015 Site: Volvo Excavator ECR38	144 in²	10 µg/ft²	16 µg/ft²
SCGW 20 *251501060-0021*	2/24/2015	2/25/2015 Site: Broderson Crane	144 in²	10 µg/ft²	160 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/25/2015 15:20:41

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/25/15 9:30 AM
Collected: 2/24/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW 21	2/24/2015	2/25/2015	144 in²	10 µg/ft²	40 µg/ft²
251501060-0022	Site: Sunbelt Miller Big Blue 300 Pro				
SCGW 22	2/24/2015	2/25/2015	144 in²	10 µg/ft²	<10 µg/ft²
251501060-0023	Site: Allmand Lite Stand				
SCGW 23	2/24/2015	2/25/2015	144 in²	10 µg/ft²	<10 µg/ft²
251501060-0024	Site: Magnum Lite Stand-2861				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/25/2015 15:20:41

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0 4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S74A	13th Fl Area sample above decon-w/a	2270L	2/23-24/15 15:50pm 10:45am
S75	14th Fl Area sample above decon-w/a	2262L	2/23-24/15 15:55pm 10:46am
S76	12th Fl Area sample above decon-w/a	2254L	2/23-24/15 16:00pm 10.47am
S77	(b)(4) 9075/ Soft Core interior 19th fl Clean-up	870L	2/24/15 10:35am 17:50pm
S78	(b)(4) 7607/ Soft Core interior 19th fl Clean-up	870L	2/24/15 10:35am 17:50pm

Client Sample #'s - S74A thru S83 / SCGW10 THRU SCGW 23 **Total # of Samples:** 10 AIRS 14 WIPES

Relinquished (Client): (b)(4) **Date:** 02/25/15 **Time:** 7:30 am

Received (Lab): **Date:** 2/25/15 **Time:** 9:30 AM

Comments: PLEASE SEND (b)(4) THE RESULTS AT (b)(4)
PLEASE SEND ME THE RESULTS AM

Courtis

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S79	14th Fl Area sample above decon-w/a	1054L	2/23/15 10:45am 19 32pm
S80	13th Fl Area sample outside decon-w/a	1054L	2/23/15 10:46am 19:33pm
S81	12th Fl Area sample below decon-w/a	1054L	2/23/15 10:47am 19:34pm
S82	10 feet from Vec Loader	1106L	2/24/15 11 18am 20:31pm
S83	Area Between the Dust Collector	1106L	2/24/15 11:19am 20:32pm
SCGW 10	13TH FL CLEAN ROOM	12X12 AREA	2/24/15
SCGW 11	OUTSIDE 13TH FL CLEAN ROOM	12X12 AREA	2/24/15
SCGW 12	11TH FL CLEAN ROOM	12X12 AREA	2/24/15
SCGW 13	11TH FL OUTSIDE CLEAN ROOM	12X12 AREA	2/24/15
SCGW 14	BROWN TOOL BOX 50' EAST OF B STAND ENTRANCE	12X12 AREA	2/24/15
SCGW 15	MAGNUM LITE STAND 25' NORTH OF B STAND ENTRANCE	12X12 AREA	2/24/15
SCGW 16	P&H CRANE 45' NORTH OF B STAND ENTRANCE	12X12 AREA	2/24/15
SCGW 17	JLG SCISSOR LIFT 25' WEST OF B STAND ENTRANCE	12X12 AREA	2/24/15
SCGW 18	GLENN CRANE RIGGING	12X12 AREA	2/24/15
SCGW 19	VOLVO EXCAVATOR ECR38	12X12 AREA	2/24/15
SCGW 20	BRODERSON CRANE	12X12 AREA	2/24/15
SCGW 21	SUNBELT MILLER BIG BLUE 300 PRO	12X12 AREA	2/24/15
SCGW 22	ALLMAND LITE STAND	12X12 AREA	2/24/15

Comments/Special Instructions:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Chain of Custody

EMSL Order Number *(Lab Use Only).*

(b)(4)

EMSL ANALYTICAL, INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
SCGW23	MAGNUM LITE STAND -2861	12 X 12	2/24/15

*Comments/Special instructions:

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 27, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

0 NEW SUBMITTAL

X RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**292**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13 Wipe Samples Collected from Brown T

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Sample Collected from Brown Tool Box	OHC	3	3.4.1.1.c	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/26/15 10:00 AM
Collected: 2/26/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW24	2/26/2015	2/26/2015	144 in²	10 µg/ft²	69 µg/ft²
251501084-0001	Site: Brown Tool Box 50' E of B Stand Entrance				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour (b)(4) ■ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0 03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
(b)(4) **Wipe*** ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW24	Brown Tool Box 50' East of B Stand Entrance	12x12	2/26/15 8:00am

Client Sample #'s - 1 **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 02/26/15 **Time:** 8:30 am

Received (Lab): **Date:** 2/26/15 **Time:** 10:00am

Comments:

Page 1 of 1 pages

Courier

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 27, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

0 NEW SUBMITTAL

X RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**293**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13 Wipe Samples Collected 2-26-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Sample Collected and Chain of Custody	OHC	3	3.4.1.1.c	-	-	
-	from 2-26-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/27/15 8:00 AM
Collected: 2/26/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW25 *251501093-0001*	2/26/2015 Site: Level 11 East Side	2/27/2015	144 in²	10 µg/ft²	190 µg/ft²
SCGW26 *251501093-0002*	2/26/2015 Site: Level 11 North Side	2/27/2015	144 in²	10 µg/ft²	120 µg/ft²
SCGW27 *251501093-0003*	2/26/2015 Site: Level 9 South Side	2/27/2015	144 in²	100 µg/ft²	1900 µg/ft²
SCGW28 *251501093-0004*	2/26/2015 Site: Level 7 South Side	2/27/2015	128 in²	110 µg/ft²	1200 µg/ft²
SCGW29 *251501093-0005*	2/26/2015 Site: Level 7 West Side	2/27/2015	144 in²	10 µg/ft²	110 µg/ft²
SCGW30 *251501093-0006*	2/26/2015 Site: Level 7 North Side	2/27/2015	140 in²	10 µg/ft²	83 µg/ft²
SCGW31 *251501093-0007*	2/26/2015 Site: Level 7 East Side	2/27/2015	144 in²	10 µg/ft²	250 µg/ft²
SCGW32 *251501093-0008*	2/26/2015 Site: Level 8 South Side	2/27/2015	144 in²	10 µg/ft²	97 µg/ft²
SCGW33 *251501093-0009*	2/26/2015 Site: Level 8 West Side	2/27/2015	144 in²	10 µg/ft²	340 µg/ft²
SCGW34 *251501093-0010*	2/26/2015 Site: Level 8 East Side	2/27/2015	144 in²	10 µg/ft²	600 µg/ft²
SCGW35 *251501093-0011*	2/26/2015 Site: Level 8 North Side	2/27/2015	144 in²	10 µg/ft²	96 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/27/2015 10:13:04

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 02/27/15 8:00 AM
Collected: 2/26/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW36	2/26/2015	2/27/2015	144 in²	10 µg/ft²	150 µg/ft²
251501093-0012	Site: Outside 11th Fl Clean Room				
SCGW37	2/26/2015	2/27/2015	144 in²	10 µg/ft²	180 µg/ft²
251501093-0013	Site: Inside 11th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 02/27/2015 10:13:04

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

(b)(4) ■ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
(b)(4) **Wipe*** ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW25	Level 11 East Side	12X12	2/26/15
SCGW26	Level 11 North Side	12X12	2/26/15
SCGW27	Level 9 South Side	12X12	2/26/15
SCGW28	Level 7 South Side	16X8	2/26/15
SCGW29	Level 7 West Side	12X12	2/26/15

Client Sample #'s - SCGW 25 - SCGW37 **Total # of Samples:** 13

Relinquished (Client): (b)(4)	**Date:**	02/26/15	**Time:**	6:00 pm
Received (Lab):	**Date:**	2/27/15	**Time:**	8:00am

Comments:

Couriers

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only).*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW30	Level 7 North Side	10X14	2/26/15
SCGW31	Level 7 East Side	8X18	2/26/15
SCGW32	Level 8 South Side	12X12	2/26/15
SCGW33	Level 8 West Side	12X12	2/26/15
SCGW34	Level 8 East Side	8X18	2/26/15
SCGW35	Level 8 North Side	12X12	2/26/15
SCGW36	Outside the 11Th Fl Clean Room	12X12	2/26/15
SCGW37	Inside the 11Th Fl Clean Room	12X12	2/26/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 28, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**295**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 Wipe Samples Collected Level 10

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected Level 10 2-28-15 thru 3-3-15	OHC	3	1.4	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included. I copy of the Radiograph is included with this submittal

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/02/15 8:00 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW44 *251501135-0001*	2/27/2015 Site: Level 16 East B-1	3/2/2015	140 in²	10 µg/ft²	13 µg/ft²
SCGW48 *251501135-0002*	2/28/2015 Site: Level 11 North B-1	3/2/2015	144 in²	10 µg/ft²	270 µg/ft²
SCGW52 *251501135-0003*	2/28/2015 Site: Level 11 South B-1	3/2/2015	144 in²	10 µg/ft²	49 µg/ft²
SCGW47 *251501135-0004*	2/28/2015 Site: Level 11 East B-1	3/2/2015	144 in²	10 µg/ft²	110 µg/ft²
SCGW51 *251501135-0005*	2/28/2015 Site: Level 11 West B-1	3/2/2015	144 in²	10 µg/ft²	21 µg/ft²
SCGW54 *251501135-0006*	2/28/2015 Site: Level 10 North B-1	3/2/2015	144 in²	100 µg/ft²	1100 µg/ft²
SCGW55 *251501135-0007*	2/28/2015 Site: Level 10 South B-1	3/2/2015	96 in²	15 µg/ft²	210 µg/ft²
SCGW53 *251501135-0008*	2/28/2015 Site: Level 10 East B-1	3/2/2015	96 in²	15 µg/ft²	180 µg/ft²
SCGW56 *251501135-0009*	2/28/2015 Site: Level 9 East B-1	3/2/2015	96 in²	15 µg/ft²	380 µg/ft²
SCGW58 *251501135-0010*	2/28/2015 Site: Level 8 North B-1	3/2/2015	144 in²	10 µg/ft²	12 µg/ft²
SCGW59 *251501135-0011*	2/28/2015 Site: Level 8 West B-1	3/2/2015	144 in²	10 µg/ft²	630 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 03/02/2015 11:11:05

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/02/15 8:00 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW61 *251501135-0012*	2/28/2015 Site: Level 7 North B-1	3/2/2015	144 in²	10 µg/ft²	95 µg/ft²
SCGW60 *251501135-0013*	2/28/2015 Site: Level 7 East B-1	3/2/2015	142.5 in²	10 µg/ft²	120 µg/ft²
SCGW62 *251501135-0014*	2/28/2015 Site: Level 7 West B-1	3/2/2015	144 in²	10 µg/ft²	120 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 03/02/2015 11:11:05

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

(b)(4)

☑ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW44	Level 16 East B-1	10x14	2/27/15
SCGW48	Level 11 North B-1	12x12	2/28/15
SCGW52	Level 11 South B-1	12x12	2/28/15
SCGW47	Level 11 East B-1	12x12	2/28/15
SCGW51	Level 11 West B-1	12x12	2/28/15

Client Sample #'s - **Total # of Samples:** 14

Relinquished (Client): (b)(4)	**Date:**	03/01/15	**Time:**	5:30 pm
Received (Lab):	**Date:**	3/02/15	**Time:**	8:00 AM

Comments:

Drop Off

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW54	Level 10 North B-1	12x12	2/28/15
SCGW55	Level 10 South B-1	12x8	2/28/15
SCGW53	Level 10 East B-1	12x8	2/28/15
SCGW56	Level 9 East B-1	12x12	2/28/15
SCGW58	Level 8 North B-1	12x12	2/28/15
SCGW59	Level 8 West B-1	12x12	2/28/15
SCGW61	Level 7 North B-1	12x12	2/28/15
SCGW60	Level 7 East B-1	5x28.5	2/28/15
SCGW62	Level 7 West B-1	12x12	2/28/15

Comments/Special Instructions:

Page _____ of _____ pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: February 28, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**296**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Wipe Samples Collected Level 9 & 8.5	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected Level 9 & 8.5	OHC	3	1.4	-	-	
-	2-28-15 thru 3-3-15	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/02/15 8:00 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW79 *251501134-0001*	2/28/2015 Site: Level 16 North B-2	3/2/2015	144 in²	10 µg/ft²	25 µg/ft²
SCGW77 *251501134-0002*	2/28/2015 Site: Level 16 South B-2	3/2/2015	144 in²	10 µg/ft²	220 µg/ft²
SCGW78 *251501134-0003*	2/28/2015 Site: Level 16 East B-2	3/2/2015	144 in²	10 µg/ft²	250 µg/ft²
SCGW50 *251501134-0004*	2/28/2015 Site: Level 11 South B-2	3/2/2015	144 in²	10 µg/ft²	180 µg/ft²
SCGW49 *251501134-0005*	2/28/2015 Site: Level 11 West B-2	3/2/2015	144 in²	10 µg/ft²	310 µg/ft²
SCGW75 *251501134-0006*	2/28/2015 Site: Level 9 North B-2	3/2/2015	144 in²	10 µg/ft²	440 µg/ft²
SCGW74 *251501134-0007*	2/28/2015 Site: Level 9 South B-2	3/2/2015	144 in²	10 µg/ft²	660 µg/ft²
SCGW76 *251501134-0008*	2/28/2015 Site: Level 9 East B-2	3/2/2015	144 in²	100 µg/ft²	910 µg/ft²
SCGW73 *251501134-0009*	2/28/2015 Site: Level 9 West B-2	3/2/2015	144 in²	10 µg/ft²	590 µg/ft²
SCGW72 *251501134-0010*	2/28/2015 Site: Level 8.5 North B-2	3/2/2015	144 in²	100 µg/ft²	3000 µg/ft²
SCGW69 *251501134-0011*	2/28/2015 Site: Level 8.5 South B-2	3/2/2015	145 in²	9.9 µg/ft²	280 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 03/02/2015 10:35:51

EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/02/15 8:00 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW70	2/28/2015	3/2/2015	144 in²	100 µg/ft²	1300 µg/ft²
251501134-0012	Site: Level 8.5 East B-2				
SCGW71	2/28/2015	3/2/2015	144 in²	100 µg/ft²	5100 µg/ft²
251501134-0013	Site: Level 8.5 West B-2				
SCGW67	2/28/2015	3/2/2015	144 in²	10 µg/ft²	580 µg/ft²
251501134-0014	Site: Level 8 South B-2				
SCGW68	2/28/2015	3/2/2015	144 in²	10 µg/ft²	670 µg/ft²
251501134-0015	Site: Level 8 East B-2				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 03/02/2015 10:35:51

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

(b)(4) ☑ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
(b)(4) **Wipe*** ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP Wipes	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	x
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW79	Level 16 North B-2	12X12	2/28/15
SCGW77	Level 16 South B-2	12X12	2/28/15
SCGW78	Level 16 East B-2	12X12	2/28/15

Client Sample #'s - **Total # of Samples:** 15

Relinquished (Client): (b)(4) **Date:** 03/01/15 **Time:** 5:30 pm

Received (Lab): **Date:** 3/02/15 **Time:** 8:00 am

Comments: (b)(4) PLEASE E-MAIL (b)(4) WITH THE RESULTS AS WELL. THANKS.

Drop SK

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW50	Level 11 South B-2	12X12	2/28/15
SCGW49	Level 11 West B-2	12X12	2/28/15
SCGW75	Level 9 North B-2	12X12	2/28/15
SCGW74	Level 9 South B-2	12X12	2/28/15
SCGW76	Level 9 East B-2	4X36	2/28/15
SCGW73	Level 9 West B-2	12X12	2/28/15
SCGW72	Level 8.5 North B-2	6X24	2/28/15
SCGW69	Level 8.5 South B-2	2.5X58	2/28/15
SCGW70	Level 8.5 East B-2	6X24	2/28/15
SCGW71	Level 8.5 West B-2	6X24	2/28/15
SCGW67	Level 8 South B-2	12X12	2/28/15
SCGW68	Level 8 East B-2	12X12	2/28/15

Comments/Special Instructions:

Page _____ of _____ pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 4, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**297**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Wipe Samples Collected Level 13

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected Level 13 (3-1-15)	OHC	3	1.4	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 9:39 AM
Collected: 3/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW83	3/1/2015	3/3/2015	144 in²	10 µg/ft²	200 µg/ft²
341502000-0007	Site: 13th Fl Clean Room				
SCGW84	3/1/2015	3/3/2015	144 in²	10 µg/ft²	2400 µg/ft²
341502000-0008	Site: Outside 13th Fl Clean Room				
SCGW85	3/1/2015	3/3/2015	144 in²	10 µg/ft²	160 µg/ft²
341502000-0009	Site: 11th Fl Clean Room				
SCGW86	3/1/2015	3/3/2015	144 in²	10 µg/ft²	120 µg/ft²
341502000-0010	Site: Outside 13th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 03/03/2015 12:33:12

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr. TURNAROUND	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 hr. TURNAROUND ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S126	(b)(4) 5800/ inside th w/a 13th Fl	1040L	3/01/15 7:45am 4:25pm
S127	14th Fl above the Decon	960L	3/01/15 8:05am 4:05pm
S128	13th fl outside Decon	960L	3/01/15 8:10am 4.10pm
S129	12th Fl below Decon	960L	3/01/158:15am 4:15pm
S130	Between the Dust Collectors	1048L	3/01/15 8:21am 5:05pm

Client Sample #'s - S126 THRU S131 / SCCW 83+SCCW 86 **Total # of Samples:** 10

Relinquished (Client): (b)(4) 03/01/15 **Time:** 5:30 pm

Received (Lab): 3/3/15 **Time:** 9:39 Am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S131	QA/QC	0L	3/01/15
SCGW83	13th Fl Clean Room	12x12	3/01/15
SCGW84	Outside 13th Fl Clean Room	12x12	3/01/15
SCGW85	11th Fl Clean Room	12x12	3/01/15
SCGW86	Outside 113th Fl Clean Room	12x12	3/01/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 4, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**298**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air Samples Collected 3-1-15	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected & Chain of Custody 3-1-15	OHC	3	1.4	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 9:39 AM
Collected: 3/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S103	3/1/2015	3/3/2015	1050 L	3.8 µg/m³	<3.8 µg/m³
341502003-0001	Site: 10 ft From Vec Loader				
S104	3/1/2015	3/3/2015	1050 L	3.8 µg/m³	<3.8 µg/m³
341502003-0002	Site: Between Dust Collectors				
S105	3/1/2015	3/3/2015	920 L	4.3 µg/m³	<4.3 µg/m³
341502003-0003	Site: 12th Fl Below Decon				
S106	3/1/2015	3/3/2015	900 L	4.4 µg/m³	<4.4 µg/m³
341502003-0004	Site: 13th Fl Outside Decon				
S107	3/1/2015	3/3/2015	880 L	4.5 µg/m³	<4.5 µg/m³
341502003-0005	Site: 14th Fl Above The Decon				
S108	3/1/2015	3/3/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341502003-0006	Site: (b)(4) /Cleaning Floors 17 & 16 Soft Core				
S109	3/1/2015	3/3/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341502003-0007	Site: (b)(4) Cleaning Floors 17 & 16 Soft Core				
S110	3/1/2015	3/3/2015	2060 L	1.9 µg/m³	<1.9 µg/m³
341502003-0008	Site: 14th Fl Above The Decon				
S111	3/1/2015	3/3/2015	2040 L	2.0 µg/m³	<2.0 µg/m³
341502003-0009	Site: 13th Fl Outside Decon				
S112	3/1/2015	3/3/2015	2020 L	2.0 µg/m³	<2.0 µg/m³
341502003-0010	Site: 12th Fl Below Decon				
S113	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502003-0011	Site: (b)(4) Cleaning 17th & 16 Floors				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/03/2015 17:31:52

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 9:39 AM
Collected: 3/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S114	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502003-0012	Site: (b)(4) /Cleaning 17th & 16th Floors				
S115	3/1/2015	3/3/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341502003-0013	Site: 10Ft From Vec Loader				
S116	3/1/2015	3/3/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341502003-0014	Site: Between Dust Collectors				
S117	3/1/2015	3/3/2015	980 L	4.1 µg/m³	<4.1 µg/m³
341502003-0015	Site: 12th Fl Below Decon				
S118	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502003-0016	Site: 13th Fl Outside Decon				
S119	3/1/2015	3/3/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341502003-0017	Site: 14th Fl Above The Decon				
S121	3/1/2015	3/3/2015	1950 L	2.1 µg/m³	<2.1 µg/m³
341502003-0018	Site: 14th Fl Above The Decon				
S122	3/1/2015	3/3/2015	1950 L	2.1 µg/m³	<2.1 µg/m³
341502003-0019	Site: 13th Fl Outside Decon				
S123	3/1/2015	3/3/2015	1950 L	2.1 µg/m³	<2.1 µg/m³
341502003-0020	Site: 12th Fl Below Decon				
S124	3/1/2015	3/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502003-0021	Site: QA/AC				
S125	3/1/2015	3/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502003-0022	Site: QA/AC				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/03/2015 17:31:52

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S103	10 Ft from Vec Loader	1050L	2/27/15 7:00am 15:45pm
S104	Between Dust Collectors	1050L	2/27/15 7:00am 15:45pm
S105	12th Fl below Decon	920L	2/27/15 7:10am 14:50pm
S106	13th fl outside Decon	900L	2/27/15 7:15am 14:45pm
S107	14th Fl above the Decon	880L	2/27/15 7:20am 14:40pm

Client Sample #'s - S103 THRU S125 **Total # of Samples:** 23

Relinquished (Client): (b)(4)	**Date:**	03/01/15	**Time:**	2:30 pm
Received (Lab):	**Date:**	3/3/15	**Time:**	9:39 AM

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S108	(b)(4) Cleaning Floors 17 and 16 Soft Core	940L	2/27/15 7.30am 15:20pm
S109	(b)(4) Cleaning Floors 17 and 16 Soft Core	940L	2/27/15 7:30am 15:20pm
S110	14th Fl above the Decon	2060L	2/27-28/15 14:40pm 7:50am
S111	13th Fl outside Decon	2040L	2/27-28/15 14:45pm 7:45am
S112	12th Fl below Decon	2020L	2/27-28/15 14:50pm 7:40am
S113	(b)(4) cleaning 17th and 16th floors	960L	2/28/15 7 10am 15:10pm
S114	(b)(4) cleaning 17th and 16th floors	960L	2/28/15 7:10am 15:10pm
S115	10 Ft from Vec Loader	1080L	2/28/15 7:20am 16:20pm
S116	Between Dust Collectors	1080L	2/28/15 7:20am 16:20pm
S117	12th Fl below Decon	1000L	2/28/15 7:40am 16:00pm
S118	13th Fl outside Decon	980L	2/28/15 7:45am 15:55pm
S119	14th Fl above the Decon	960L	2/28/15 7:50am 15:50pm
S120	(b)(4) HPA Welding-Grinding	940L	2/28/15 8:45am 15:00pm
S121	14th Fl above the Decon	1950L	2/28-3/01/15 15.50pm 8.05am
S122	13th Fl outside Decon	1950L	2/28-3/01/15 15 55pm 8:10am
S123	12th Fl below Decon	1950L	2/28-3/01/15 16 00pm 8 15am
S124	QA/QC	0L	2/28/15
S125	QA/QC	0L	2/28/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 4, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**299**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air Samples Collected 3-1-15 (Daniel)	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected & Chain of Custody 3-1-15	OHC	3	1.4	-	-	
-	(b)(4)	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 9:39 AM
Collected: 3/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S126	3/1/2015	3/3/2015	1040 L	3.8 µg/m³	54 µg/m³
341502000-0001	Site: (b)(4) 5800/Inside Th w/a 13th Fl				
S127	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502000-0002	Site: 14th Fl Above The Decon				
S128	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502000-0003	Site: 13th Fl Outside Decon				
S129	3/1/2015	3/3/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502000-0004	Site: 12th Fl Below Decon				
S130	3/1/2015	3/3/2015	1048 L	3.8 µg/m³	<3.8 µg/m³
341502000-0005	Site: Between The Dust Collectors				
S131	3/1/2015	3/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502000-0006	Site: QA/QC				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/03/2015 17:14:44

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr. TURNAROUND	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 Hr. TURNAROUND ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S126	(b)(4) 5800/ inside th w/a 13th Fl	1040L	3/01/15 7:45am 4:25pm
S127	14th Fl above the Decon	960L	3/01/15 8:05am 4:05pm
S128	13th fl outside Decon	960L	3/01/15 8:10am 4.10pm
S129	12th Fl below Decon	960L	3/01/158:15am 4:15pm
S130	Between the Dust Collectors	1048L	3/01/15 8:21am 5:05pm

Client Sample #'s - S126 thru S131 / SCAW 83 + SCAW 86 **Total # of Samples:** 10

Relinquished (Client): (b)(4) 03/01/15 **Time:** 5:30 pm

Received (Lab): 3/3/15 **Time:** 9:39 Am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S131	QA/QC	0L	3/01/15
SCGW83	13th Fl Clean Room	12x12	3/01/15
SCGW84	Outside 13th Fl Clean Room	12x12	3/01/15
SCGW85	11th Fl Clean Room	12x12	3/01/15
SCGW86	Outside 113th Fl Clean Room	12x12	3/01/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 5, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**300**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Air Samples Collected 2-28-15 OHC

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Personnel Samples Collected & Chain of Custody	OHC	3	1.4	-	-	
-	2/28/15	-	-	-	-	-	-
-		-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/04/15 11:25 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
SC120	2/28/2015	3/4/2015	750 L	5.3 µg/m³	7.2 µg/m³
341502088-0001	Site: Personnel (b)(4)				
SC132	2/28/2015	3/4/2015	1880 L	2.1 µg/m³	<2.1 µg/m³
341502088-0002	Site: 14th Floor Above Decon				
SC133	2/28/2015	3/4/2015	1860 L	2.2 µg/m³	<2.2 µg/m³
341502088-0003	Site: 13th Floor Outside The Decon				
SC134	2/28/2015	3/4/2015	1840 L	2.2 µg/m³	<2.2 µg/m³
341502088-0004	Site: 12th Floor Below Decon				
SC135	2/28/2015	3/4/2015	990 L	4.0 µg/m³	<4.0 µg/m³
341502088-0005	Site: @ The VAC				
SC136	2/28/2015	3/4/2015	990 L	4.0 µg/m³	<4.0 µg/m³
341502088-0006	Site: @ The Dust Collectors				
SC137	2/28/2015	3/4/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341502088-0007	Site: Level 12 Below Decon				
SC138	2/28/2015	3/4/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341502088-0008	Site: Level 13 @ The Decon				
SC139	2/28/2015	3/4/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341502088-0009	Site: Level 14 Above The Decon				
SC140	2/28/2015	3/4/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341502088-0010	Site: (b)(4) Level 16 Cleaning				
SC141	2/28/2015	3/4/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341502088-0011	Site: (b)(4) Level 16 Cleaning				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/04/2015 17:57:11

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/04/15 11:25 AM
Collected: 2/28/2015

Project: **Stennis**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
SC142	2/28/2015	3/4/2015	2080 L	1.9 µg/m³	<1.9 µg/m³
341502088-0012	Site: Level 14 Above Decon				
SC143	2/28/2015	3/4/2015	2080 L	1.9 µg/m³	<1.9 µg/m³
341502088-0013	Site: Level 13 @ The Decon				
SC144	2/28/2015	3/4/2015	2080 L	1.9 µg/m³	<1.9 µg/m³
341502088-0014	Site: Level 12 Below The Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/04/2015 17:57:11

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): Accounts Payable	**Telephone #:** 813-626-8156
Email Address: ohcaccountant@ohcnet.com	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
SC120	Personnel Jason McCormick	750	2-28-15 0845 1500
SC132	14TH Floor Above Decon	1880	3-1-15 ~~1610 0740~~ 1605 0745
SC133	13TH Floor outside the Decon	1860	3-1-15 1610 0740
SC134	12TH Floor Below Decon	1840	3-1-15 1615 0735

Client Sample #'s - **Total # of Samples:** 4

Relinquished (Client): (b)(4) **Date:** **Time:**

Received (Lab): **Date:** 3/4/15 **Time:** 11:25 am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SC135	@ the Vac.	990	3-2-15 7:15 . 1530
SC136	@ the Dust Collectors	990	7:15-1530
SC137	Level 12 Below Decon	970	7:35-1440
SC138	Level 13 @ the Decon	970	740-1445
SC139	Level 14 Above the Decon	970	0745-1450
SC140	(b)(4) Level 16 CLEANING	890	0750-1515
SC141	(b)(4) Level 16 Cleaning	890	0750-1515
SC142	Level 14 Above Decon	2080	3-2-15 1450-0710
SC143	Level 13 @ the Decon	2080	1445-0705
SC144	Level 12 @ below the Decon	2080	1440-0700 3-2-15
SC			

Comments/Special Instructions:

(b)(4) 3/4/15 11:25 am

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 5, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**301**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Wipe Samples Collected 3-2-15 OHC

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Wipe Samples Collected & Chain of Custody	OHC	3	1.4	-	-	
-	3-2-15	-	-	-	-	-	-
-		-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/04/15 11:25 AM
Collected: 3/2/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW 87	3/2/2015	3/4/2015	144 in²	10 µg/ft²	92 µg/ft²
341502089-0001	Site: Level II Outside Decon				
SCGW 88	3/2/2015	3/4/2015	144 in²	10 µg/ft²	160 µg/ft²
341502089-0002	Site: Level II Clean Room In Decon				
SCGW 89	3/2/2015	3/4/2015	144 in²	10 µg/ft²	<10 µg/ft²
341502089-0003	Site: Gong Box From Level 16 Owner Bill Thorp				
SCGW 90	3/2/2015	3/4/2015	144 in²	10 µg/ft²	<10 µg/ft²
341502089-0004	Site: Gong Box From Level 16 Owner Bill Thorp				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 03/04/2015 17:59:59

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): Accounts Payable	**Telephone #:** 813-626-8156
Email Address: ohcaccountant@ohcnet.com	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☑
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW 87	Level II Outside Decon	12" x 12"	3-2-15 1540
SCGW 88	Level II Clean Room IN Decon	12" x 12"	3-2-15 1545
SCGW 89	Gang Box From Level 16 owner (b)(4)	12" x 12"	3-3-15 1045
SCGW 90	Gang Box From Level 16 owner (b)(4)	12" x 12"	3-3-15 1052

Client Sample #'s 87 - 90 **Total # of Samples:** 4

Relinquished (Client): (b)(4) **Date:** 3-3-15 **Time:** 1120

Received (Lab): **Date:** 3/4/15 **Time:** 11:25am

Comments:

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 7, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**302**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 TCLP Test Report Waste Waster OHC

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	TCLP Waste Water Test Reports	OHC	3	3.4.1.1.c	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 786-5974
http://www.EMSL.com cinnaminsonleadlab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 10:40 AM
Collected: 2/27/2015

Project: **Stennis**

Test Report: Toxicity Characteristic Leachate Procedure

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
WWD01	*201502331-0001*	2/27/2015	3/6/2015	<0.40 mg/L
	Site: Waste Water Drum from 13th Floor Decon			

(b)(4)
(b)(4) - Laboratory Director
NJ-NELAP Accredited:03036
or other approved signatory

The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

Initial report from 03/06/2015 14:43:05

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ■ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	■
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
WWD01	Waste Water Drum from 13th Floor Decon		2/27/15 4:30pm

Client Sample #'s - WWD01 **Total # of Samples:** 1

Relinquished (Client): (b)(4) **Date:** 02/27/15 **Time:** 5:30 pm

Received (Lab): **Date:** 3/3/15 **Time:** 16:40pm

Comments: PLEASE RESULTS AS WELL AS (b)(4) EMSL FAX

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE March 11, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**303**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 Aire & Wipe Samples 3-3-15 thru 3-10-

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe samples collected 3-3-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe samples collected inside/outside deconroom 3-3	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe samples collected 3-4-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 3-5-15	OHC	3	3.4.1.1.c	-	-	-
5	Wipe Samples Collected inside/outside Cleanroom 3-5	OHC	3	3.4.1.1.c	-	-	-
6	Wipe Samples Collected in Cleanroom 3-8-15	OHC	3	3.4.1.1.c	-	-	-
7	Air Samples Collected 3-10-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW91 *Lab ID* 341502213-0001 *Collected:* 3/3/2015
11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	380 µg/ft²

Client Sample Description SCGW92 *Lab ID* 341502213-0002 *Collected:* 3/3/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	130 µg/ft²

Client Sample Description S145 *Lab ID* 341502213-0003 *Collected:* 3/3/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1060 L	<3.8 µg/m³

Client Sample Description S146 *Lab ID* 341502213-0004 *Collected:* 3/3/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1060 L	<3.8 µg/m³

Client Sample Description S147 *Lab ID* 341502213-0005 *Collected:* 3/3/2015
12th Fl Below Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	960 L	<4.2 µg/m³

Client Sample Description S148 *Lab ID* 341502213-0006 *Collected:* 3/3/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	960 L	<4.2 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:57:22

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S149 *Lab ID* 341502213-0007 *Collected:* 3/3/2015
14th Fl Above the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	960 L	<4.2 µg/m³

Client Sample Description S150 *Lab ID* 341502213-0008 *Collected:* 3/3/2015
(b)(4) *Cleaning Soft Core 15 & 1*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	980 L	<4.1 µg/m³

Client Sample Description S151 *Lab ID* 341502213-0009 *Collected:* 3/3/2015
(b)(4) *Cleaning Soft Core 15*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	980 L	5.6 µg/m³

Client Sample Description S152 *Lab ID* 341502213-0010 *Collected:* 3/3/2015
12th Fl Below Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1920 L	<2.1 µg/m³

Client Sample Description S153 *Lab ID* 341502213-0011 *Collected:* 3/3/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1920 L	<2.1 µg/m³

Client Sample Description S154 *Lab ID* 341502213-0012 *Collected:* 3/3/2015
14th Fl Above the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1920 L	<2.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/09/2015 12:57:22

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S155 *Lab ID* 341502213-0013 *Collected:* 3/3/2015
Downwind East of Stand During Large

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	420 L	<9.5 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/09/2015 12:57:22

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S145	10 ft from the Vec Loader	1060L	3/03/15 6:50am 15:40pm
S146	In between the Dust Collector	1060L	3/03/15 6:50am 15:40pm
S147	12th Fl below Decon	960L	3/03/15 7.05am 15:05pm
S148	13th fl outside Decon	960L	3/03/15 7.10am 15:10pm
S149	14th Fl above the Decon	960L	3/03/15 7:15am 15 15pm

Client Sample #'s S145 - S155 Sccw#91 - sccw92 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 03/04/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/9/15 **Time:** 8.57am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S150	(b)(4) cleaning soft core15 &14th floors	980L	3/03/15 7:15am 15:25pm
S151	(b)(4) cleaning soft core15 &14th floors	980L	3/03/15 7:15am 15:25pm
S152	12th Fl below Decon	1920L	3/03/15 15:05pm 7:05am
S153	13th fl outside Decon	1920L	3/03/15 15.10pm 7 10am
S154	14th Fl above the Decon	1920L	3/03/15 15.15pm 7 15am
SCGW91	11th fl clean room	12x12	3/03/15
SCGW92	outside 11th fl clean room	12x12	3/03/15
S155	Down wind east of stand during large pipe demo	420L	3/03/15 13:00pm 16:30pm

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW91	3/3/2015	3/9/2015	144 in²	10 µg/ft²	380 µg/ft²
341502213-0001	Site: 11th Fl Clean Room				
SCGW92	3/3/2015	3/9/2015	144 in²	10 µg/ft²	130 µg/ft²
341502213-0002	Site: Outside 11th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/09/2015 12:57:16

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to Is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ■ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S145	10 ft from the Vec Loader	1060L	3/03/15 6:50am 15:40pm
S146	In between the Dust Collector	1060L	3/03/15 6:50am 15:40pm
S147	12th Fl below Decon	960L	3/03/15 7.05am 15:05pm
S148	13th fl outside Decon	960L	3/03/15 7.10am 15:10pm
S149	14th Fl above the Decon	960L	3/03/15 7:15am 15 15pm

Client Sample #'s S145 - S155 SCCW#91 - SCCW92 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 03/04/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/9/15 **Time:** 8.59am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S150	(b)(4) cleaning soft core15 &14th floors	980L	3/03/15 7:15am 15:25pm
S151	(b)(4) cleaning soft core15 &14th floors	980L	3/03/15 7:15am 15:25pm
S152	12th Fl below Decon	1920L	3/03/15 15:05pm 7:05am
S153	13th fl outside Decon	1920L	3/03/15 15.10pm 7 10am
S154	14th Fl above the Decon	1920L	3/03/15 15.15pm 7 15am
SCGW91	11th fl clean room	12x12	3/03/15
SCGW92	outside 11th fl clean room	12x12	3/03/15
S155	Down wind east of stand during large pipe demo	420L	3/03/15 13:00pm 16:30pm

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/4/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW93 *Lab ID* 341502211-0001 *Collected:* 3/4/2015
13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	660 µg/ft²

Client Sample Description SCGW94 *Lab ID* 341502211-0002 *Collected:* 3/4/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	570 µg/ft²

Client Sample Description SCGW95 *Lab ID* 341502211-0003 *Collected:* 3/4/2015
11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	91 µg/ft²

Client Sample Description SCGW96 *Lab ID* 341502211-0004 *Collected:* 3/4/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	400 µg/ft²

Client Sample Description S156 *Lab ID* 341502211-0005 *Collected:* 3/4/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1020 L	<3.9 µg/m³

Client Sample Description S157 *Lab ID* 341502211-0006 *Collected:* 3/4/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1020 L	<3.9 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:55:23

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/4/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S158 *Lab ID* 341502211-0007 *Collected:* 3/4/2015
12th Fl Below Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2900 L	<1.4 µg/m³

Client Sample Description S159 *Lab ID* 341502211-0008 *Collected:* 3/4/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2900 L	<1.4 µg/m³

Client Sample Description S160 *Lab ID* 341502211-0009 *Collected:* 3/4/2015
14th Fl Above the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2900 L	<1.4 µg/m³

Client Sample Description S161 *Lab ID* 341502211-0010 *Collected:* 3/4/2015
Personnel (b)(4)

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	940 L	<4.3 µg/m³

Client Sample Description S162 *Lab ID* 341502211-0011 *Collected:* 3/4/2015
Personnel (b)(4)

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	940 L	<4.3 µg/m³

Client Sample Description S165 *Lab ID* 341502211-0012 *Collected:* 3/4/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2200 L	<1.8 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:55:23

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/4/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S164 *Lab ID* 341502211-0013 *Collected:* 3/4/2015
9th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2200 L	<1.8 µg/m³

Client Sample Description S163 *Lab ID* 341502211-0014 *Collected:* 3/4/2015
Area Sample East Side B-2 Ground Le

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	910 L	<4.4 µg/m³

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:55:23

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr. (10)	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. (4) ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S 156	10 ft from the Vec Loader	1020	3-4-15 0655 1525
S 157	In between the Dust Collector	1020	3-4-15 0655 1525
S 158	12th Fl below Decon	2900	3-4-15 0705 0715
S 159	13th fl outside Decon	2900	3-4-15 0710 0720
S 160	14th Fl above the Decon	2900	3-4-15 0715 0725

Client Sample #'s S156 - ~~S163~~ S165 Plus SCGW-98 - 96 **Total # of Samples:** 14

Relinquished (Client): (b)(4)		**Date:**	3-5-15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/9/15	**Time:**	8:59 am
Comments:					

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S161	Personnel (b)(4)	940	3-4-15 0720 1510
S162	Personnel	940	3-4-15 0720 1510
S165	10th Fl below critical barrier	2200	3-4-15 1325 0745
S164	9th Fl below critical barrier	2200	3-4-15 1330 0750
S163	Area Sample East side B-2 Ground level	910	3-4-15 0755 1530
SCGW93	13th fl clean room	12" x 12"	3-4-15 1715
SCGW94	Outside 13th fl clean room	12" x 12"	3-4-15 1719
SCGW95	11th fl clean room	12" x 12"	3-4-15 1730
SCGW96	Outside 11th fl clean room	12" x 12"	3-4-15 1735

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/5/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW97 *Lab ID* 341502212-0001 *Collected:* 3/5/2015
13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	170 µg/ft²

Client Sample Description SCGW98 *Lab ID* 341502212-0002 *Collected:* 3/5/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	130 µg/ft²

Client Sample Description SCGW99 *Lab ID* 341502212-0003 *Collected:* 3/5/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/9/2015	144 in²	120 µg/ft²

Client Sample Description S166 *Lab ID* 341502212-0004 *Collected:* 3/5/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1010 L	<4.0 µg/m³

Client Sample Description S167 *Lab ID* 341502212-0005 *Collected:* 3/5/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1010 L	<4.0 µg/m³

Client Sample Description S168 *Lab ID* 341502212-0006 *Collected:* 3/5/2015
12th Fl Below Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2890 L	<1.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:56:28

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/5/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S169 *Lab ID* 341502212-0007 *Collected:* 3/5/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2890 L	<1.4 µg/m³

Client Sample Description S170 *Lab ID* 341502212-0008 *Collected:* 3/5/2015
14th Fl Above the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2890 L	<1.4 µg/m³

Client Sample Description S171 *Lab ID* 341502212-0009 *Collected:* 3/5/2015
(b)(4) *ADS Cleaning and Wipin*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	920 L	<4.3 µg/m³

Client Sample Description S172 *Lab ID* 341502212-0010 *Collected:* 3/5/2015
(b)(4) *ADS Cleaning and W*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	920 L	<4.3 µg/m³

Client Sample Description S173 *Lab ID* 341502212-0011 *Collected:* 3/5/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2880 L	<1.4 µg/m³

Client Sample Description S174 *Lab ID* 341502212-0012 *Collected:* 3/5/2015
9th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	2880 L	<1.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:56:28

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/5/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S175 *Lab ID* 341502212-0013 *Collected:* 3/5/2015
(b)(4) *HPA Grinding-Welding o*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	504 L	<7.9 µg/m³

Client Sample Description S176 *Lab ID* 341502212-0014 *Collected:* 3/5/2015
(b)(4) *HPA Grinding-Welding*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/9/2015	1440 L	<2.8 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/09/2015 12:56:28

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S166	10 ft from the Vec Loader	1010L	3/5/15 06:55 15:20
S167	In between the Dust Collector	1010L	3/5/15 06:55 15:20
S168	12th Fl below Decon	2890	3/5/15 07:15 0720
S169	13th fl outside Decon	2890	3/5/15 07:20 0725
S170	14th Fl above the Decon	2890	3/5/15 07:25 0730

Client Sample #'s - S166 to S176 SCGW97 thru SCGW99 **Total # of Samples:** 14

Relinquished (Client): (b)(4) **Date:** 03/06/15 **Time:** 4:30 pm

Received (La (b)(4) **e:** 3/9/15 **Time:** 8:59 am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S171	(b)(4) (ADS)/ cleaning and wiping level 13 on down, S/C	920L	3/5/15 07:30 15:10
S172	(b)(4) (ADS)/ cleaning and wiping level 13 on down, S/C	920L	3/5/15 07:30 15:10
S173	10th Fl below critical barrier	2880L	3/5-6/15 7:45 0745
S174	9th Fl below critical barrier	2880L	3/5-6/15 7:50 0750
S175	(b)(4) (HPA)/ grinding-welding on metal deck	504L	3/5/15 13:30 17:42
S176	(b)(4) (HPA)/ grinding-welding on metal deck	1440L	3/5/15 18:00 06:00
SCGW97	13th fl clean room	12x12	3/5/15 1700
SCGW98	Outside 13th fl clean room	12x12	3/5/15 1710
SCGW99	Outside 11th fl clean room	12x12	3/5/15 1725

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/09/15 8:59 AM
Collected: 3/5/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW97	3/5/2015	3/9/2015	144 in²	10 µg/ft²	170 µg/ft²
341502212-0001	Site: 13th Fl Clean Room				
SCGW98	3/5/2015	3/9/2015	144 in²	10 µg/ft²	130 µg/ft²
341502212-0002	Site: Outside 13th Fl Clean Room				
SCGW99	3/5/2015	3/9/2015	144 in²	10 µg/ft²	120 µg/ft²
341502212-0003	Site: Outside 11th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/09/2015 12:56:21

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S166	10 ft from the Vec Loader	1010L	3/5/15 06:55 15:20
S167	In between the Dust Collector	1010L	3/5/15 06:55 15:20
S168	12th Fl below Decon	2890	3/5/15 07:15 0720
S169	13th fl outside Decon	2890	3/5/15 07:20 0725
S170	14th Fl above the Decon	2890	3/5/15 07:25 0730

Client Sample #'s - S166 to S176 SCGW97 thru SCGW99 **Total # of Samples:** 14

Relinquished (Client): (b)(4) **Date:** 03/06/15 **Time:** 4:30 pm

Received (Lab): (b)(4) **Date:** 3/9/15 **Time:** 8:59 am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S171	(b)(4) (ADS)/ cleaning and wiping level 13 on down, S/C	920L	3/5/15 07:30 15:10
S172	(b)(4) (ADS)/ cleaning and wiping level 13 on down, S/C	920L	3/5/15 07:30 15:10
S173	10th Fl below critical barrier	2880L	3/5-6/15 7:45 0745
S174	9th Fl below critical barrier	2880L	3/5-6/15 7:50 0750
S175	(b)(4) (HPA)/ grinding-welding on metal deck	504L	3/5/15 13:30 17:42
S176	(b)(4) (HPA)/ grinding-welding on metal deck	1440L	3/5/15 18:00 06:00
SCGW97	13th fl clean room	12x12	3/5/15 1700
SCGW98	Outside 13th fl clean room	12x12	3/5/15 1710
SCGW99	Outside 11th fl clean room	12x12	3/5/15 1725

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/10/15 11:00 AM
Collected: 3/8/2015

Project: **Stennis**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW100	3/8/2015	3/10/2015	144 in²	10 µg/ft²	32 µg/ft²
341502266-0001	Site: Inside 13th Fl Clean Room				
SCGW101	3/8/2015	3/10/2015	144 in²	10 µg/ft²	<10 µg/ft²
341502266-0002	Site: Outside 13th Fl Clean Room				
SCGW102	3/8/2015	3/10/2015	144 in²	10 µg/ft²	51 µg/ft²
341502266-0003	Site: Inside 11th Fl Clean Room				
SCGW103	3/8/2015	3/10/2015	144 in²	10 µg/ft²	320 µg/ft²
341502266-0004	Site: Inside 11th Fl Before Dirty Room				
SCGW104	3/8/2015	3/10/2015	0 in²	10 µg/wipe	<10 µg/wipe
341502266-0005	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/10/2015 13:18:55

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW100	Inside 13th floor clean room	12X12	3/8/15
SCGW101	Outside 13th floor clean room	12X12	3/8/15
SCGW102	Inside 11th floor clean room	12X12	3/8/15
SCGW103	Inside 11th floor before dirty room	12X12	3/8/15
SCGW104	Blank		3/8/15

Client Sample #'s - SCGW100 SCGW104 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 03/8/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/10/15 **Time:** 11am

Comments:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/10/15 11:00 AM
Collected: 3/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S176	3/6/2015	3/10/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341502267-0001	Site: 10' from the Vec Loader				
S178	3/6/2015	3/10/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502267-0003	Site: (b)(4) Clean Wipe Down 13th - 11th Fl				
S179	3/6/2015	3/10/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341502267-0004	Site: (b)(4) Clean Wipe Down 13th - 11th Fl				
S180	3/6/2015	3/10/2015	920 L	4.3 µg/m³	<4.3 µg/m³
341502267-0005	Site: 12th Fl Below Decon				
S181	3/6/2015	3/10/2015	920 L	4.3 µg/m³	<4.3 µg/m³
341502267-0006	Site: 13th Fl Outside Decon				
S182	3/6/2015	3/10/2015	920 L	4.3 µg/m³	<4.3 µg/m³
341502267-0007	Site: 14th Fl Above the Decon				
S183	3/6/2015	3/10/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341502267-0008	Site: 10th Fl Below Critical Barrier				
S184	3/6/2015	3/10/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341502267-0009	Site: 9th Fl Below Critical Barrier				
S185	3/6/2015	3/10/2015	504 L	7.9 µg/m³	<7.9 µg/m³
341502267-0010	Site: (b)(4) HPA Grinding-Welding on Metal Deck				
S186	3/6/2015	3/10/2015	1440 L	2.8 µg/m³	<2.8 µg/m³
341502267-0011	Site: (b)(4) HPA Grinding-Welding on Metal Deck				
S187	3/6/2015	3/10/2015	750 L	5.3 µg/m³	160 µg/m³
341502267-0012	Site: (b)(4) ADS Mini Cont. under Flame Bucket				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/10/2015 16:09:39

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/10/15 11:00 AM
Collected: 3/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S188	3/6/2015	3/10/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502267-0013	Site: Blank QA/QC				
S189	3/6/2015	3/10/2015	1070 L	3.7 µg/m³	<3.7 µg/m³
341502267-0014	Site: 10' Downwind of Dumpster Clean-up				
S190	3/6/2015	3/10/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341502267-0015	Site: (b)(4) ADS Roof Containment Re-prep				
S191	3/6/2015	3/10/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341502267-0016	Site: (b)(4) ADS Spot Abatement 7th Fl				
S192	3/6/2015	3/10/2015	1098 L	3.6 µg/m³	<3.6 µg/m³
341502267-0017	Site: (b)(4) ADS Dumpster Clean-up				
S193	3/6/2015	3/10/2015	1040 L	3.8 µg/m³	<3.8 µg/m³
341502267-0018	Site: 14th Fl Above the Decon				
S194	3/6/2015	3/10/2015	1040 L	3.8 µg/m³	<3.8 µg/m³
341502267-0019	Site: 13th Fl Outside Decon				
S195	3/6/2015	3/10/2015	1040 L	3.8 µg/m³	<3.8 µg/m³
341502267-0020	Site: 12th Fl Below Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/10/2015 16:09:39

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S176	10 Ft from the Vec Loader	1,020L	3/6/15 6:55 15:25
S177	In between the Dust Collector	VOID	3/6/15 6:55 -
S178	(b)(4) Clean wipe down 13th - 11th fl.	960L	3/6/15 7:15 15:15
S179	(b)(4) Clean wipe down 13th - 11th fl.	960L	3/6/15 7:15 15:15
S180	12th Fl below Decon	920L	3/6/15 7:20 15:00

Client Sample #'s - S176 to S196 **Total # of Samples:** 21

Relinquished (Client): (b)(4) **Date:** 03/08/15 **Time:** 4:30 pm

Received ((b)(4) **te:** 3/10/15 **Time:** 11am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S181	13th fl outside Decon	920L	3/6/15 7:25 15:05
S182	14th Fl above the Decon	920L	3/6/15 7:30 15:10
S183	10th Fl below critical barrier	930L	3/6/15 7:45 15:30
S184	9th Fl below critical barrier	930L	3/6/15 7:50 15:35
S185	(b)(4) HPA)/ grinding-welding on metal deck	504L	3/6/15 13:30 17:42
S186	(b)(4) (HPA)/ grinding-welding on metal deck	1,440L	3/6/15 18:00 06:00
S187	(b)(4) ADS)/ mini cont. under flame bucket	750L	3/7/15 7:45 14:00
S188	Blank - QA/QC	0L	3/7/15
S189	10' Down wind of dumpster clean-up	1,070L	3/8/15 8:16 17:11
S190	(b)(4) DS)/ Roof Containment re-prep.	1,080L	3/8/15 8:02 17:02
S191	(b)(4) ADS)/ Spot abatement 7th fl	1,080L	3/8/15 8:02 17:02
S192	(b)(4) (ADS)/Dumpster clean-up	1,098L	3/8/15 8:02 17:11
S193	14th Fl above the Decon	1,040L	3/8/15 8:27 17:07
S194	13th Fl outside Decon	1,040L	3/8/15 8:28 17:08
S195	12th Fl below Decon	1,040L	3/8/15 8:29 17:09
S196	Blank - QA/QC	0L	3/8/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 11, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**304**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 TCLP Samples of grid media OHC

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	TCLP Samples of grid media Collected 2-26-15	OHC	3	3.4.1.1.c	-	-	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: (b)(4) 3/10/2015

OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/3/2015. The results are tabulated on the attached data pages for the following client designated project:

Stennis

The reference number for these samples is EMSL Order (b)(4) Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (b)(4)

Reviewed and Approved By:

(b)(4)

(b)(4) - Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/03/15 10:30 AM

Project: **Stennis**

Analytical Results

Client Sample Description WC01 Red Roll Off Box — ***Collected:*** 2/26/2015 8:30:00 AM — ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
TCLP 1311/6010C	Arsenic	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Barium	2.6	0.50	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Cadmium	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Chromium	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Lead	9.3	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
exceeds the 5.0 mg/L regulatory limit								
TCLP 1311/6010C	Selenium	ND	0.10	mg/L	3/5/2015	JS	3/10/2015	BE
TCLP 1311/6010C	Silver	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE

Client Sample Description WC02 Blue Roll Off Box — ***Collected:*** 2/26/2015 8:35:00 AM — ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
TCLP 1311/6010C	Arsenic	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Barium	2.5	0.50	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Cadmium	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Chromium	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Lead	7.5	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
exceeds the 5.0 mg/L regulatory limit								
TCLP 1311/6010C	Selenium	ND	0.10	mg/L	3/5/2015	JS	3/10/2015	BE
TCLP 1311/6010C	Silver	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE

Client Sample Description WC03 Blue Roll2 Off Box — ***Collected:*** 2/26/2015 8:40:00 AM — ***Lab ID:*** *0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
TCLP 1311/6010C	Arsenic	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Barium	2.5	0.50	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Cadmium	0.082	0.020	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Chromium	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
TCLP 1311/6010C	Lead	7.3	0.10	mg/L	3/5/2015	JS	3/6/2015	BE
exceeds the 5.0 mg/L regulatory limit								
TCLP 1311/6010C	Selenium	ND	0.10	mg/L	3/5/2015	JS	3/10/2015	BE
TCLP 1311/6010C	Silver	ND	0.10	mg/L	3/5/2015	JS	3/6/2015	BE

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ■ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP Recra 7, No Mercury	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	■
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
WC01	Red Roll Off Box		2/26/15 8:30am
WC02	Blue Roll Off Box		2/26/15 8:35am
WC03	Blue Roll2 Off Box		2/26/15 8:40am

Client Sample #'s - WC01 WC02 WC03 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 02/27/15 **Time:** 5:30 pm

Received (Lab): **Date:** 3/3/15 **Time:** 1030 15°

Comments: PLEASE SEND (b)(4) THE RESULTS ALSO. (b)(4)

THANKS.

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 17, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**306**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Air & Wipe Samples 3-9-15 thru 3-12-1

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Samples Collected 3-9-15	OHC	3	3.4.1.1.c	-	-	
2	Air & Wipe Samples Collected 3-10-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 3-11-15	OHC	3	3.4.1.1.c	-	-	-
4	Air & Wipe Samples Collected 3-11-15	OHC	3	3.4.1.1.c	-	-	-
5	Air & Wipe Samples Collected 3-12-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/9/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW105 *Lab ID* 341502357-0001 *Collected:* 3/9/2015
13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	110 µg/ft²

Client Sample Description SCGW106 *Lab ID* 341502357-0002 *Collected:* 3/9/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	180 µg/ft²

Client Sample Description SCGW107 *Lab ID* 341502357-0003 *Collected:* 3/9/2015
11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	160 µg/ft²

Client Sample Description SCGW108 *Lab ID* 341502357-0004 *Collected:* 3/9/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	98 µg/ft²

Client Sample Description S197 *Lab ID* 341502357-0005 *Collected:* 3/9/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	1090 L	<3.7 µg/m³

Client Sample Description S198 *Lab ID* 341502357-0006 *Collected:* 3/9/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	1090 L	<3.7 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/12/2015 13:45:07

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/9/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S199 *Lab ID* 341502357-0007 *Collected:* 3/9/2015
14th Fl Above Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	966 L	<4.1 µg/m³

Client Sample Description S200 *Lab ID* 341502357-0008 *Collected:* 3/9/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	966 L	<4.1 µg/m³

Client Sample Description S201 *Lab ID* 341502357-0009 *Collected:* 3/9/2015
12th Fl Below the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	966 L	<4.1 µg/m³

Client Sample Description S202 *Lab ID* 341502357-0010 *Collected:* 3/9/2015
(b)(4) *Prep Inside Containment*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	840 L	<4.8 µg/m³

Client Sample Description S203 *Lab ID* 341502357-0011 *Collected:* 3/9/2015
(b)(4) *Prep Inside Contain*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	840 L	<4.8 µg/m³

Client Sample Description S204 *Lab ID* 341502357-0012 *Collected:* 3/9/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	1020 L	<3.9 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/12/2015 13:45:07

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/9/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S205 *Lab ID* 341502357-0013 *Collected:* 3/9/2015
9th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	1020 L	<3.9 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/12/2015 13:45:07

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S197	10 ft from the Vec Loader	1,090L	3/9/15 9:10am 6:15pm
S198	In between the Dust Collector	1,090L	3/9/15 9:10am 6:15pm
S199	14th Fl above Decon	966L	3/9/15 9:32am 5:35pm
S200	13th fl outside Decon	966L	3/9/15 9:33am 5:36pm
S201	12th Fl below the Decon	966L	3/9/15 9.34am 5:37pm

Client Sample #'s S197 - S205 SCGW105 - SCGW109 **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 3/10/15 **Time:** 4:30 pm

Received (Lab): (b)(4) **Date:** 3/12/15 **Time:** 930am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S202	(b)(4) Prep. Inside Containment	840L	3/9/15 9:45am 4:45pm
S203	(b)(4) Prep. Inside Containment	840L	3/9/15 9:45am 4:45pm
S204	10th Fl below critical barrier	1020L	3/9/15 9:55am 6:25pm
S205	9th Fl below critical barrier	1020L	3/9/15 9:55am 6:25pm
SCGW105	13th fl clean room	12x12	3/9/15
SCGW106	Outside 13th fl clean room	12x12	3/9/15
SCGW107	11th fl clean room	12x12	3/9/15
SCGW108	Outside 11th fl clean room	12x12	3/9/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW109 *Lab ID* 341502356-0001 *Collected:* 3/10/2015
13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	62 µg/ft²

Client Sample Description SCGW110 *Lab ID* 341502356-0002 *Collected:* 3/10/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	130 µg/ft²

Client Sample Description SCGW111 *Lab ID* 341502356-0003 *Collected:* 3/10/2015
11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	150 µg/ft²

Client Sample Description SCGW112 *Lab ID* 341502356-0004 *Collected:* 3/10/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/12/2015	144 in²	<10 µg/ft²

Client Sample Description S206 *Lab ID* 341502356-0005 *Collected:* 3/10/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	780 L	<5.1 µg/m³

Client Sample Description S207 *Lab ID* 341502356-0006 *Collected:* 3/10/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	780 L	<5.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/12/2015 13:48:57

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S208 *Lab ID* 341502356-0007 *Collected:* 3/10/2015
14th Fl Above Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	740 L	<5.4 µg/m³

Client Sample Description S209 *Lab ID* 341502356-0008 *Collected:* 3/10/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	740 L	<5.4 µg/m³

Client Sample Description S210 *Lab ID* 341502356-0009 *Collected:* 3/10/2015
12th Fl Below the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	740 L	<5.4 µg/m³

Client Sample Description S211 *Lab ID* 341502356-0010 *Collected:* 3/10/2015
(b)(4) *Prep Inside Containment*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	720 L	<5.6 µg/m³

Client Sample Description S212 *Lab ID* 341502356-0011 *Collected:* 3/10/2015
(b)(4) *Prep Inside Contain*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	720 L	<5.6 µg/m³

Client Sample Description S213 *Lab ID* 341502356-0012 *Collected:* 3/10/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	760 L	<5.3 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/12/2015 13:48:57

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/12/15 9:30 AM
Collected: 3/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S214 *Lab ID* 341502356-0013 *Collected:* 3/10/2015
9th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	760 L	<5.3 µg/m³

Client Sample Description S215 *Lab ID* 341502356-0014 *Collected:* 3/10/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/12/2015	0 L	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/12/2015 13:48:57

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to Is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S206	10 ft from the Vec Loader	780L	3/9/15 10:00am 4:30pm
S207	In between the Dust Collector	780L	3/9/15 10:00am 4,30pm
S208	14th Fl above Decon	740L	3/9/15 10:40am 4:50pm
S209	13th fl outside Decon	740L	3/9/15 10:41am 4.51pm
S210	12th Fl below the Decon	740L	3/9/15 10:42am 4:52pm

Client Sample #'s - **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 3/10/15 **Time:** 4:30 pm

Received (Lab): (b)(4) **Date:** 3/12/15 **Time:** 930am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S211	(b)(4) Prep. Inside Containment	720L	3/10/15 10:00am 4:00pm
S212	(b)(4) / Prep. Inside Containment	720L	3/10/15 10:00am 4:00pm
S213	10th Fl below critical barrier	760L	3/10/15 10.20am 4.40pm
S214	9th Fl below critical barrier	760L	3/10/1510:20am 4.40pm
S215	Blank	QA/QC	3/10/15
SCGW109	13th fl clean room	12x12	3/10/15
SCGW110	Outside 13th fl clean room	12x12	3/10/15
SCGW111	11th fl clean room	12x12	3/10/15
SCGW112	Outside 11th fl clean room	12x12	3/10/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW113	3/11/2015	3/16/2015	144 in²	10 µg/ft²	<10 µg/ft²
341502469-0001	Site: 13th Fl Clean Room				
SCGW114	3/11/2015	3/16/2015	144 in²	10 µg/ft²	130 µg/ft²
341502469-0002	Site: Outside 13th Fl Clean Room				
SCGW115	3/11/2015	3/16/2015	144 in²	10 µg/ft²	28 µg/ft²
341502469-0003	Site: 11th Fl Clean Room				
SCGW116	3/11/2015	3/16/2015	144 in²	10 µg/ft²	25 µg/ft²
341502469-0004	Site: Outside 11th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/16/2015 12:36:19

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. **ASTM** ☒ **non ASTM** ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S216	10 ft from the Vec Loader	1040L	3/11/15 7:00am 15:40pm
S217	In between the Dust Collector	1040L	3/11/15 7:00am 15:40pm
S218	Roman Farrias/ Re-cleaning Soft Core	960L	3/11/15 7:15am 15:15pm
S219	Moses Diaz/ Re-cleaning Soft Core	960L	3/11/15 7:15am 15:15pm
S220	12th Fl below the Decon	980L	3/11/15 7:20am 15:30pm

Client Sample #'s S218- S229 & SCGW113 - SCGW116 **Total # of Samples:** 18

Relinquished (Client): (b)(4)		**Date:**	3/11/15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/16/15	**Time:**	8:49a

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S221	13th fl outside Decon	980L	3/11/15 7:25am 15:25pm
S222	14th Fl above Decon	980L	3/11/15 7:30am 15:30pm
S223	10th Fl below critical barrier	950L	3/11/15 7:50am 15:45pm
S224	9th Fl below critical barrier	950L	3/11/15 7.55am 15:50pm
S225	12th Fl below the Decon	3250L	3/11/15 16:15pm 17 40pm
S226	13th fl outside Decon	3250L	3/11/15 16:20pm 17:45pm
S227	14th Fl above Decon	3250L	3/11/15 16:25pm 17:50pm
S228	(b)(4) / Cleaning 13th Fl Cage Area	450L	3/11/15 16:30pm 20:15pm
S229	(b)(4) Cleaning 13th Fl Cage Area	450L	3/11/1516:30pm 20.15pm
SCGW113	13th fl clean room	12x12	3/11/15
SCGW114	Outside 13th fl clean room	12x12	3/11/15
SCGW115	11th fl clean room	12x12	3/11/15
SCGW116	Outside 11th fl clean room	12x12	3/11/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
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Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW113 *Lab ID* 341502469-0001 *Collected:* 3/11/2015
13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	<10 µg/ft²

Client Sample Description SCGW114 *Lab ID* 341502469-0002 *Collected:* 3/11/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	130 µg/ft²

Client Sample Description SCGW115 *Lab ID* 341502469-0003 *Collected:* 3/11/2015
11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	28 µg/ft²

Client Sample Description SCGW116 *Lab ID* 341502469-0004 *Collected:* 3/11/2015
Outside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	25 µg/ft²

Client Sample Description S216 *Lab ID* 341502469-0005 *Collected:* 3/11/2015
10' from the Vec Loader

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1040 L	<3.8 µg/m³

Client Sample Description S217 *Lab ID* 341502469-0006 *Collected:* 3/11/2015
in Between the Dust Collector

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1040 L	<3.8 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/16/2015 12:36:25

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S218 *Lab ID* 341502469-0007 *Collected:* 3/11/2015
(b)(4) *Re-cleaning Soft Core*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	960 L	<4.2 µg/m³

Client Sample Description S219 *Lab ID* 341502469-0008 *Collected:* 3/11/2015
(b)(4) *Re-cleaning Soft Core*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	960 L	<4.2 µg/m³

Client Sample Description S220 *Lab ID* 341502469-0009 *Collected:* 3/11/2015
12th Fl below the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	980 L	<4.1 µg/m³

Client Sample Description S221 *Lab ID* 341502469-0010 *Collected:* 3/11/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	980 L	<4.1 µg/m³

Client Sample Description S222 *Lab ID* 341502469-0011 *Collected:* 3/11/2015
14th Fl Above Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	980 L	<4.1 µg/m³

Client Sample Description S223 *Lab ID* 341502469-0012 *Collected:* 3/11/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	950 L	<4.2 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/16/2015 12:36:25

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S224 *Lab ID* 341502469-0013 *Collected:* 3/11/2015
9th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	950 L	<4.2 µg/m³

Client Sample Description S225 *Lab ID* 341502469-0014 *Collected:* 3/11/2015
12th Fl Below the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	3250 L	<1.2 µg/m³

Client Sample Description S226 *Lab ID* 341502469-0015 *Collected:* 3/11/2015
13th Fl Outside Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	3250 L	<1.2 µg/m³

Client Sample Description S227 *Lab ID* 341502469-0016 *Collected:* 3/11/2015
14th Fl Above Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	3250 L	<1.2 µg/m³

Client Sample Description S228 *Lab ID* 341502469-0017 *Collected:* 3/11/2015
(b)(4) *Cleaning 13th Fl Cage*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	450 L	<8.9 µg/m³

Client Sample Description S229 *Lab ID* 341502469-0018 *Collected:* 3/11/2015
(b)(4) *Cleaning 13th Fl Cage*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	450 L	<8.9 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/16/2015 12:36:25

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. **ASTM** ☒ **non ASTM** ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S216	10 ft from the Vec Loader	1040L	3/11/15 7:00am 15:40pm
S217	In between the Dust Collector	1040L	3/11/15 7:00am 15:40pm
S218	Roman Farrias/ Re-cleaning Soft Core	960L	3/11/15 7:15am 15:15pm
S219	Moses Diaz/ Re-cleaning Soft Core	960L	3/11/15 7:15am 15:15pm
S220	12th Fl below the Decon	980L	3/11/15 7:20am 15:30pm

Client Sample #'s S218- S229 & SCGW113 - SCGW116 **Total # of Samples:** 18

Relinquished (Client):	(b)(4)	**Date:**	3/11/15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/16/15	**Time:**	8:49a

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S221	13th fl outside Decon	980L	3/11/15 7:25am 15:25pm
S222	14th Fl above Decon	980L	3/11/15 7:30am 15:30pm
S223	10th Fl below critical barrier	950L	3/11/15 7:50am 15:45pm
S224	9th Fl below critical barrier	950L	3/11/15 7.55am 15:50pm
S225	12th Fl below the Decon	3250L	3/11/15 16:15pm 17 40pm
S226	13th fl outside Decon	3250L	3/11/15 16:20pm 17:45pm
S227	14th Fl above Decon	3250L	3/11/15 16:25pm 17:50pm
S228	(b)(4) Cleaning 13th Fl Cage Area	450L	3/11/15 16:30pm 20:15pm
S229	(b)(4) Cleaning 13th Fl Cage Area	450L	3/11/1516:30pm 20.15pm
SCGW113	13th fl clean room	12x12	3/11/15
SCGW114	Outside 13th fl clean room	12x12	3/11/15
SCGW115	11th fl clean room	12x12	3/11/15
SCGW116	Outside 11th fl clean room	12x12	3/11/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description SCGW117 *Lab ID* 341502467-0001 *Collected:* 3/12/2015
Inside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	81 µg/ft²

Client Sample Description SCGW118 *Lab ID* 341502467-0002 *Collected:* 3/12/2015
Outside 13th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	1200 µg/ft²

Client Sample Description SCGW119 *Lab ID* 341502467-0003 *Collected:* 3/12/2015
Inside 11th Fl Clean Room

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	3/16/2015	144 in²	380 µg/ft²

Client Sample Description S230 *Lab ID* 341502467-0004 *Collected:* 3/12/2015
in Between the Dust Collector #1

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1170 L	<3.4 µg/m³

Client Sample Description S231 *Lab ID* 341502467-0005 *Collected:* 3/12/2015
in Between the Dust Collector #2

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1170 L	<3.4 µg/m³

Client Sample Description S232 *Lab ID* 341502467-0006 *Collected:* 3/12/2015
(b)(4) *Re-cleaning Soft Core*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1160 L	<3.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 03/16/2015 12:35:28

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/16/15 8:49 AM
Collected: 3/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S233 *Lab ID* 341502467-0007 *Collected:* 3/12/2015
(b)(4) *Re-cleaning Soft Core*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1160 L	<3.4 µg/m³

Client Sample Description S234 *Lab ID* 341502467-0008 *Collected:* 3/12/2015
10th Fl Below Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1172 L	<3.4 µg/m³

Client Sample Description S235 *Lab ID* 341502467-0009 *Collected:* 3/12/2015
109

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	1172 L	<3.4 µg/m³

Client Sample Description S236 *Lab ID* 341502467-0010 *Collected:* 3/12/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	3/16/2015	0 L	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 03/16/2015 12:35:28

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S230	In between the Dust Collector #1	1170L	3/12/15 7:25am 5:10pm
S231	In between the Dust Collector #2	1170L	3/12/15 7:25am 5:10pm
S232	(b)(4) Re-Cleaning Soft Core	1160L	3/12/15 7:35am 5:15pm
S233	(b)(4) / Re-Cleaning Soft Core	1160L	3/12/15 7:35am 5:15pm
S234	10th Fl below Critical Barrier	1172L	3/12/15 7:38am 5:24pm

Client Sample #'s S230 - S236 SCGW117 - SCGW119 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 3/12/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/16/15 **Time:** 7:49

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S235	9th Fl below Critical Barrier	1172L	3/12/15 7:39am 5:25pm
S236	Blank	QA/QC	3/12/15
SCGW117	Inside 13th Fl Clean Room	12x12	3/12/15
SCGW118	Outside 13th Fl Clean Room	12x12	3/12/15
SCGW119	Inside 11th Fl Clean Room	12x12	3/12/15
	Outside 11th Fl Clean Room	Void	Raining

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 18, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**307**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air Samples 3-13-15 thru 3-15-15	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 3-13-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 3-15-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/17/15 8:59 AM
Collected: 3/13/2015

Project: **Stennis B1 B2 Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S237	3/13/2015	3/17/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341502546-0005	Site: (b)(4) Re-cleaning Soft Core				
S238	3/13/2015	3/17/2015	1000 L	4.0 µg/m³	7.0 µg/m³
341502546-0006	Site: (b)(4) Re-cleaning Soft Core				
S239	3/13/2015	3/17/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341502546-0007	Site: 14th Fl Above the Decon				
S240	3/13/2015	3/17/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341502546-0008	Site: 13th Fl Outside the Decon				
S241	3/13/2015	3/17/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341502546-0009	Site: 12th Fl Below the Decon				
S242	3/13/2015	3/17/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341502546-0010	Site: 10th Fl Below Critical Barrier				
S243	3/13/2015	3/17/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341502546-0011	Site: 9th Fl Below Critical Barrier				
S244	3/13/2015	3/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502546-0012	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/17/2015 15:43:45

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S237	(b)(4) Re-Cleaning Soft Core	1000L	3/13/15 8:25am 4:45pm
S238	Re-Cleaning Soft Core	1000L	3/13/15 8:25am 4:45pm
S239	14th Fl Above the decon	1000L	3/13/15 8:30am 4:50pm
S240	13th Fl Outside the Decon	1000L	3/13/15 7:31am 4:51pm
S241	12th Fl Below the Decon	1000L	3/13/15 7.32am 4:52pm

Client Sample #'s S237 - S244 SCGW120 - SCGW123 **Total # of Samples:** 12

Relinquished (Client): (b)(4)		**Date:**	3/15/15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/17/15	**Time:**	8:59am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S242	10th Fl below Critical Barrier	1020L	3/13/15 8:41am 5:11pm
S243	9th Fl below Critical Barrier	1020L	3/13/15 8:42am 5:12pm
S244	Blank	QA/QC	3/13/15
SCGW120	Inside 13th Fl Clean Room	12x12	3/13/15
SCGW121	Outside 13th Fl Clean Room	12x12	3/13/15
SCGW122	Inside 11th Fl Clean Room	12x12	3/13/15
SCGW123	Outside 11th Fl Dirty Room	12X12	3/13/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/17/15 8:59 AM
Collected: 3/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S245 *341502547-0005*	3/15/2015 Site: in Between Dust Collectors	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S246 *341502547-0006*	3/15/2015 Site: 10th Fl Below Critical Barrier	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S247 *341502547-0007*	3/15/2015 Site: 9th Fl Below Critical Barrier	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S248 *341502547-0008*	3/15/2015 Site (b)(4) Re-cleaning Soft Core	3/17/2015	990 L	4.0 µg/m³	<4.0 µg/m³
S249 *341502547-0009*	3/15/2015 Site (b)(4) Re-cleaning Soft Core	3/17/2015	990 L	4.0 µg/m³	<4.0 µg/m³
S250 *341502547-0010*	3/15/2015 Site: 14th Fl Above the Decon	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S251 *341502547-0011*	3/15/2015 Site: 13th Fl Outside the Decon	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S252 *341502547-0012*	3/15/2015 Site: 12th Fl Below the Decon	3/17/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S253 *341502547-0013*	3/15/2015 Site: Blank	3/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/17/2015 15:48:47

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/PM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S245	In between Dust Collectors	960L	3/15/15 8:15am 4:15pm
S246	10th Fl below Critical Barrier	960L	3/15/15 8:21am 4:21pm
S247	9th Fl below Critical Barrier	960L	3/15/15 8:22am 4:22pm
S248	(b)(4) Re-Cleaning Soft Core	990L	3/15/15 8.35am 4:50pm
S249	Re-Cleaning Soft Core	990L	3/15/15 8:35am 4:50pm

Client Sample #'s S245 THRU S253 & SCGW124 - SCGW127 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 3/15/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/17/15 **Time:** 8:55am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S250	14th Fl Above the Decon	960L	3/15/15 8:30am 4:30pm
S251	13th Fl Outside the Decon	960L	3/15/15 8:35am 4:35pm
S252	12th Fl Below the Decon	960L	3/15/15 8:40am 4:40pm
S253	Blank	QA/QC	3/15/15
SCGW124	Inside 13th Fl Clean Room	12X12	3/15/15
SCGW125	Outside 13th Fl Clean Room	12X12	3/15/15
SCGW126	Inside 11th Fl Clean Room	12X12	3/15/15
SCGW127	Outside 11th Fl Clean Room	12X12	3/15/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 20, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**309**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13.20 Air & Wipe Samples

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected 3-13-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 3-15-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 3-18-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected 3-18-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/20/15 9:00 AM
Collected: 3/18/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S272 *341502688-0005*	3/18/2015 Site: @ the Dust Collectors	3/20/2015	1024 L	3.9 µg/m³	<3.9 µg/m³
S273 *341502688-0006*	3/18/2015 Site: Personnel (b)(4)	3/20/2015	980 L	4.1 µg/m³	<4.1 µg/m³
S274 *341502688-0007*	3/18/2015 Site: Personnel	3/20/2015	980 L	4.1 µg/m³	<4.1 µg/m³
S275 *341502688-0008*	3/18/2015 Site: Level 12 Below Decon	3/20/2015	970 L	4.1 µg/m³	<4.1 µg/m³
S276 *341502688-0009*	3/18/2015 Site: Level 13 @ the Decon	3/20/2015	950 L	4.2 µg/m³	<4.2 µg/m³
S277 *341502688-0010*	3/18/2015 Site: Level 14 Above Decon	3/20/2015	930 L	4.3 µg/m³	<4.3 µg/m³
S278 *341502688-0011*	3/18/2015 Site: Level 10 Outside the Work Area	3/20/2015	970 L	4.1 µg/m³	<4.1 µg/m³
S279 *341502688-0012*	3/18/2015 Site: Level 9 Outside the Work Area	3/20/2015	970 L	4.1 µg/m³	<4.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/20/2015 15:12:08

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S 272	@ the Dust Collectors	1024	3-18-15 0700 / 1532
S 273	Personnel (b)(4)	980	0715 / 1525
S 274	Personnel	980	0715 / 1525
S 275	Level 12 Below Decon	970	0715 / 1520
S 276	Level 13 @ door the Decon	950	0720 / 1515

Client Sample #'s 272 - 279 / SCGW-136 - 139 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 3-18-15 **Time:** 4:30 pm

Received (Lab): **Date:** 3-20-15 **Time:** 9:00

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S277	Level 14 Above Decon	930	3-18-15 7:25 / 15:10
S278	Level 10 outside the work Area 06	~~950~~ 970 cm	" 7:35 / 15:40
S279	Level 9 outside the Work Area	970	" 7:40 / 15:45
S			
SCGW136	13th fl clean room	12" x 12"	3-18-15
SCGW137	Outside 13th fl clean room	"	"
SCGW138	11th fl clean room	"	"
SCGW139	Outside 11th fl clean room	"	"

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/17/15 8:59 AM
Collected: 3/13/2015

Project: **Stennis B1 B2 Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW120	3/13/2015	3/17/2015	144 in²	10 µg/ft²	100 µg/ft²
341502546-0001	Site: Inside 13th Fl Clean Room				
SCGW121	3/13/2015	3/17/2015	144 in²	10 µg/ft²	1300 µg/ft²
341502546-0002	Site: Outside 13th Fl Clean Room				
SCGW122	3/13/2015	3/17/2015	144 in²	10 µg/ft²	300 µg/ft²
341502546-0003	Site: Inside 11th Fl Clean Room				
SCGW123	3/13/2015	3/17/2015	144 in²	10 µg/ft²	360 µg/ft²
341502546-0004	Site: Outside 11th Fl Dirty Room				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/17/2015 13:20:02

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S237	(b)(4) Re-Cleaning Soft Core	1000L	3/13/15 8:25am 4:45pm
S238	Re-Cleaning Soft Core	1000L	3/13/15 8:25am 4:45pm
S239	14th Fl Above the decon	1000L	3/13/15 8:30am 4:50pm
S240	13th Fl Outside the Decon	1000L	3/13/15 7:31am 4:51pm
S241	12th Fl Below the Decon	1000L	3/13/15 7.32am 4:52pm

Client Sample #'s S237 - S244 SCGW120 - SCGW123 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 3/15/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/17/15 **Time:** 8:59am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S242	10th Fl below Critical Barrier	1020L	3/13/15 8:41am 5:11pm
S243	9th Fl below Critical Barrier	1020L	3/13/15 8:42am 5:12pm
S244	Blank	QA/QC	3/13/15
SCGW120	Inside 13th Fl Clean Room	12x12	3/13/15
SCGW121	Outside 13th Fl Clean Room	12x12	3/13/15
SCGW122	Inside 11th Fl Clean Room	12x12	3/13/15
SCGW123	Outside 11th Fl Dirty Room	12X12	3/13/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/20/15 9:00 AM
Collected: 3/18/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW136	3/18/2015	3/20/2015	144 in²	10 µg/ft²	110 µg/ft²
341502688-0001	Site: 13th Fl Clean Room				
SCGW137	3/18/2015	3/20/2015	144 in²	10 µg/ft²	82 µg/ft²
341502688-0002	Site: Outside 13th Fl Clean Room				
SCGW138	3/18/2015	3/20/2015	144 in²	10 µg/ft²	100 µg/ft²
341502688-0003	Site: 11th Fl Clean Room				
SCGW139	3/18/2015	3/20/2015	144 in²	10 µg/ft²	390 µg/ft²
341502688-0004	Site: Outside 11th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/20/2015 13:01:01

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S 272	@ the Dust Collectors	1024	3-18-15 0700 1532
S 273	Personnel (b)(4)	980	0715 1525
S 274	Personnel	980	0715 1525
S 275	Level 12 Below Decon	970	0715 1520
S 276	Level 15 @ the Decon	950	0720 1515

Client Sample #'s 272 - 279 / SCGW-136 - 139 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 3-18-15 **Time:** 4:30 pm

Received (Lab): **Date:** 3-20-15 **Time:** 9:00

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S277	Level 14 Above Decon	930	3-18-15 7:25 / 15:10
S278	Level 10 outside the work Area	~~950~~ 970	" 7:35 / 15:40
S279	Level 9 outside the Work Area	970	" 7:40 / 15:45
S			
SCGW136	13th fl clean room	12" x 12"	3-18-15
SCGW137	Outside 13th fl clean room	"	"
SCGW138	11th fl clean room	"	"
SCGW139	Outside 11th fl clean room	"	"

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/17/15 8:59 AM
Collected: 3/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW124	3/15/2015	3/17/2015	144 in²	10 µg/ft²	230 µg/ft²
341502547-0001	Site: Inside 13th Fl Clean Room				
SCGW125	3/15/2015	3/17/2015	144 in²	10 µg/ft²	110 µg/ft²
341502547-0002	Site: Outside 13th Fl Clean Room				
SCGW126	3/15/2015	3/17/2015	144 in²	10 µg/ft²	320 µg/ft²
341502547-0003	Site: Inside 11th Fl Clean Room				
SCGW127	3/15/2015	3/17/2015	144 in²	10 µg/ft²	990 µg/ft²
341502547-0004	Site: Outside 11th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/17/2015 13:21:58

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S245	In between Dust Collectors	960L	3/15/15 8:15am 4:15pm
S246	10th Fl below Critical Barrier	960L	3/15/15 8:21am 4:21pm
S247	9th Fl below Critical Barrier	960L	3/15/15 8:22am 4:22pm
S248	(b)(4) Re-Cleaning Soft Core	990L	3/15/15 8.35am 4:50pm
S249	Re-Cleaning Soft Core	990L	3/15/15 8:35am 4:50pm

Client Sample #'s S245 THRU S253 & SCGW124 - SCGW127 **Total # of Samples:** 13

Relinquished (Client): (b)(4)		**Date:**	3/15/15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/17/15	**Time:**	8:59am
Comments:					

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S250	14th Fl Above the Decon	960L	3/15/15 8:30am 4:30pm
S251	13th Fl Outside the Decon	960L	3/15/15 8:35am 4:35pm
S252	12th Fl Below the Decon	960L	3/15/15 8:40am 4:40pm
S253	Blank	QA/QC	3/15/15
SCGW124	Inside 13th Fl Clean Room	12X12	3/15/15
SCGW125	Outside 13th Fl Clean Room	12X12	3/15/15
SCGW126	Inside 11th Fl Clean Room	12X12	3/15/15
SCGW127	Outside 11th Fl Clean Room	12X12	3/15/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE March 23, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**310**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33 .13.20 Air & Wipe Samples 3-19-15	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 3-19-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 3-19-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/23/15 8:43 AM
Collected: 3/19/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW136	3/19/2015	3/23/2015	144 in²	10 µg/ft²	320 µg/ft²
341502735-0001	Site: Inside 13th Fl Clean Room				
SCGW137	3/19/2015	3/23/2015	144 in²	10 µg/ft²	120 µg/ft²
341502735-0002	Site: Outside 13th Fl Clean Room				
SCGW138	3/19/2015	3/23/2015	144 in²	10 µg/ft²	100 µg/ft²
341502735-0003	Site: Inside 11th Fl Clean Room				
SCGW139	3/19/2015	3/23/2015	144 in²	10 µg/ft²	620 µg/ft²
341502735-0004	Site: Outside 11th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/23/2015 12:39:24

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S280	In between Dust Collectors	1016L	3/19/15 8:12am 5:40pm
S281	10th Fl below Critical Barrier	1040L	3/19/15 8:20am 5:00pm
S282	9th Fl below Critical Barrier	1040L	3/19/15 8:21am 5:01pm
S283	(b)(4) Cleaning on the 11th Fl. SC	840L	3/19/15 10:15am 5:15pm
S284	(b)(4) / Cleaning on the 11th Fl. SC	840L	3/19/15 10:15am 5:15pm

Client Sample #'s S280 - S289 SCGW136 - SCGW139 **Total # of Samples:** # 14

Relinquished (Client): (b)(4)		**Date:**	3/19/15	**Time:**	4:30 pm
Received (Lab):		**Date:**	3/23/15	**Time:**	8:43am

Comments:

Page 1 of ____ pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S285	14th Fl Above the Decon	830L	3/19/15 10:20am 5:15pm
S286	13th Fl Outside the Decon	830L	3/19/15 10 25am 5:20pm
S287	12th Fl Below the Decon	830L	3/19/15 10:30am 5:25pm
S288	(b)(4) Torch & Grinding Holes, Flame Bucket	440L	3/19/15 1:50pm 5:30pm
S289	Blank	QA/QC	3/19/15
SCGW136	Inside 13th Fl Clean Room	12X12	3/19/15
SCGW137	Outside 13th Fl Clean Room	12X12	3/19/15
SCGW138	Inside 11th Fl Clean Room	12X12	3/19/15
SCGW139	Outside 11th Fl Clean Room	12X12	3/19/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/23/15 8:43 AM
Collected: 3/19/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
S280	3/19/2015	3/23/2015	1016 L	3.9 µg/m³	<3.9 µg/m³
341502735-0005	Site: In Between Dust Collectors				
S281	3/19/2015	3/23/2015	1040 L	3.8 µg/m³	<3.8 µg/m³
341502735-0006	Site: 10th Fl Below Critical Barrier				
S282	3/19/2015	3/23/2015	1040 L	3.8 µg/m³	<3.8 µg/m³
341502735-0007	Site: 9th Fl Below Critical Barrier				
S283	3/19/2015	3/23/2015	840 L	4.8 µg/m³	12 µg/m³
341502735-0008	Site: (b)(4) Cleaning on the 11th Fl. SC				
S284	3/19/2015	3/23/2015	840 L	4.8 µg/m³	14 µg/m³
341502735-0009	Site: (b)(4) / Cleaning on the 11th FL SC				
S285	3/19/2015	3/23/2015	830 L	4.8 µg/m³	<4.8 µg/m³
341502735-0010	Site: 14th Fl Above the Decon				
S286	3/19/2015	3/23/2015	830 L	4.8 µg/m³	<4.8 µg/m³
341502735-0011	Site: 13th Fl Outside the Decon				
S287	3/19/2015	3/23/2015	830 L	4.8 µg/m³	<4.8 µg/m³
341502735-0012	Site: 12th Fl Below the Decon				
S288	3/19/2015	3/23/2015	440 L	9.1 µg/m³	<9.1 µg/m³
341502735-0013	Site: (b)(4) Torch & Grinding Holes, Flame Buc				
S289	3/19/2015	3/23/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502735-0014	Site: Blank				

Cassette samples for project Stennis B1 B2 Test Stand; sample S288 was sampled in both directions collected on front filter and back pad, sample analyzed

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/23/2015 12:55:37

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S280	In between Dust Collectors	1016L	3/19/15 8:12am 5:40pm
S281	10th Fl below Critical Barrier	1040L	3/19/15 8:20am 5:00pm
S282	9th Fl below Critical Barrier	1040L	3/19/15 8:21am 5:01pm
S283	(b)(4) Cleaning on the 11th Fl. SC	840L	3/19/15 10:15am 5:15pm
S284	(b)(4) / Cleaning on the 11th Fl. SC	840L	3/19/15 10:15am 5:15pm

Client Sample #'s S290 - S209 SCGW136 - SCGW139 **Total # of Samples:** # 14

Relinquished (Client): (b)(4)	**Date:**	3/19/15	**Time:**	4:30 pm
Received (Lab):	**Date:**	3/23/15	**Time:**	8:43am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S285	14th Fl Above the Decon	830L	3/19/15 10:20am 5:15pm
S286	13th Fl Outside the Decon	830L	3/19/15 10 25am 5:20pm
S287	12th Fl Below the Decon	830L	3/19/15 10:30am 5:25pm
S288	(b)(4) Torch & Grinding Holes, Flame Bucket	440L	3/19/15 1:50pm 5:30pm
S289	Blank	QA/QC	3/19/15
SCGW136	Inside 13th Fl Clean Room	12X12	3/19/15
SCGW137	Outside 13th Fl Clean Room	12X12	3/19/15
SCGW138	Inside 11th Fl Clean Room	12X12	3/19/15
SCGW139	Outside 11th Fl Clean Room	12X12	3/19/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 25, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**312**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13.20 Air & Wipe Samples 3-20 & 3-21-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Area Samples Collected 3-20-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 3-20-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected East Pier & 8th Fl 3-21-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected Under Flame Bucket 3-21-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/24/15 9:00 AM
Collected: 3/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S290	3/20/2015	3/24/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341502788-0001	Site: In Between Dust Collectors				
S291	3/20/2015	3/24/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341502788-0002	Site: 10th Fl Below Critical Barrier				
S292	3/20/2015	3/24/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341502788-0003	Site: 9th Fl Below Critical Barrier				
S293	3/20/2015	3/24/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341502788-0004	Site: (b)(4) Cleaning on the 11th Fl. SC				
S294	3/20/2015	3/24/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341502788-0005	Site: (b)(4) Cleaning on the 11th Fl. SC				
S295	3/20/2015	3/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341502788-0006	Site: 14th Fl Above the Decon				
S296	3/20/2015	3/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341502788-0007	Site: 13th Fl Outside the Decon				
S297	3/20/2015	3/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341502788-0008	Site: 12th Fl Below the Decon				
S298	3/20/2015	3/24/2015	920 L	4.3 µg/m³	<4.3 µg/m³
341502788-0009	Site: (b)(4) Grinding, Drilling, Welding, Tor				
S299	3/20/2015	3/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502788-0010	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/24/2015 14:51:44

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S295	14th Fl Above the Decon	910L	3/20/15 9:20am 4:55pm
S296	13th Fl Outside the Decon	910L	3/20/15 9:25am 5:00pm
S297	12th Fl Below the Decon	910L	3/20/15 9:30am 5:05pm
S298	(b)(4) Grinding, Drilling, Welding, Torching	920L	3/20/15 9:00am 4:40pm
S299	Blank	QA/QC	3/20/15
SCGW140	Inside 13th Fl Clean Room	12X12	3/20/15
SCGW141	Outside 13th Fl Clean Room	12X12	3/20/15
SCGW142	Inside 11th Fl Clean Room	12X12	3/20/15
SCGW143	Outside 11th Fl Clean Room	12X12	3/20/15

Comments/Special Instructions:

Page 2 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. **ASTM** ■ **non ASTM** ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S290	In between Dust Collectors	930L	3/20/15 8:45am 4:30pm
S291	10th Fl below Critical Barrier	950L	3/20/15 9:20am 5:15pm
S292	9th Fl below Critical Barrier	950L	3/20/15 9:21am 5:16pm
S293	(b)(4) Cleaning on the 11th Fl. SC	790L	3/20/15 10:15am 4:50pm
S294	(b)(4) Cleaning on the 11th Fl. SC	790L	3/20/15 10:15am 4:50pm

Client Sample #'s S290 - S299 SCGW140 - SCGW143 **Total # of Samples:** 14

Relinquished (Client): (b)(4) **Date:** 3/20/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/24/15 **Time:** 9am

Comments:

Page 1 of ____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/24/15 9:00 AM
Collected: 3/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW140	3/20/2015	3/24/2015	144 in²	10 µg/ft²	240 µg/ft²
341502788-0011	Site: Inside 13th Fl Clean Room				
SCGW141	3/20/2015	3/24/2015	144 in²	10 µg/ft²	260 µg/ft²
341502788-0012	Site: Outside 13th Fl Clean Room				
SCGW142	3/20/2015	3/24/2015	144 in²	10 µg/ft²	190 µg/ft²
341502788-0013	Site: Inside 11th Fl Clean Room				
SCGW143	3/20/2015	3/24/2015	144 in²	10 µg/ft²	470 µg/ft²
341502788-0014	Site: Outside 11th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/24/2015 14:09:20

OrderID: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S290	In between Dust Collectors	930L	3/20/15 8:45am 4:30pm
S291	10th Fl below Critical Barrier	950L	3/20/15 9:20am 5:15pm
S292	9th Fl below Critical Barrier	950L	3/20/15 9:21am 5:16pm
S293	Maria Medrano/ Cleaning on the 11th Fl. SC	790L	3/20/15 10:15am 4:50pm
S294	Jose Larios/ Cleaning on the 11th Fl. SC	790L	3/20/15 10:15am 4:50pm

Client Sample #'s S290 - S299 SCGW140 - SCGW143 **Total # of Samples:** 14

Relinquished (Client): (b)(4) **Date:** 3/20/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/24/15 **Time:** 9am

Comments:

Page 1 of ____ pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S295	14th Fl Above the Decon	910L	3/20/15 9:20am 4:55pm
S296	13th Fl Outside the Decon	910L	3/20/15 9:25am 5:00pm
S297	12th Fl Below the Decon	910L	3/20/15 9:30am 5:05pm
S298	(b)(4) Grinding, Drilling, Welding, Torching	920L	3/20/15 9:00am 4:40pm
S299	Blank	QA/QC	3/20/15
SCGW140	Inside 13th Fl Clean Room	12X12	3/20/15
SCGW141	Outside 13th Fl Clean Room	12X12	3/20/15
SCGW142	Inside 11th Fl Clean Room	12X12	3/20/15
SCGW143	Outside 11th Fl Clean Room	12X12	3/20/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: **Mark Fohn**
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/24/15 9:00 AM
Collected: 3/21/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S300	3/21/2015	3/24/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341502790-0001	Site: (b)(4) East Pier-Pad Grinding				
S301	3/21/2015	3/24/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341502790-0002	Site: (b)(4) 8th Fl-South Side				
S302	3/21/2015	3/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502790-0003	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/24/2015 14:58:01

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S300	(b)(4) East Pier-Pad Grinding	1020L	3/21/15 7:45am 4:15pm
S301	(b)(4) 8th Fl-South side	1020L	3/21/15 7:45am 4:15pm
S302	Blank	QA/QC	3/21/15

Client Sample #'s S300 - S301 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 3/20/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/24/15 **Time:** 9am

Comments:

Page 1 of ____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/24/15 9:00 AM
Collected: 3/21/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S303	3/21/2015	3/24/2015	602 L	6.6 µg/m³	<6.6 µg/m³
341502789-0001	Site: Under Flame Bucket East Side 15' In				
S304	3/21/2015	3/24/2015	602 L	6.6 µg/m³	<6.6 µg/m³
341502789-0002	Site: Under Flame Bucket East Side 25' In				
S305	3/21/2015	3/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341502789-0003	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/24/2015 14:53:29

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S303	Under Flame Bucket East side 15' In	602L	3/21/15 12:21pm 5:22pm
S304	Under Flame Bucket East side 25' In	602L	3/21/15 12:21pm 5:22pm
S305	Blank	QA/QC	3/21/15

Client Sample #'s - **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 3/23/15 **Time:** 8:30 am

Received (Lab): **Date:** 3/24/15 **Time:** 9am

Comments:

Page 1 of ____ pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 26, 2015

SHEET 1 OF 2

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**318**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air, Area &Wipe Samples Collected	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected 3-23-15	OHC	3	3.4.1.1.c	-	-	
2	Area Air Samples Collected 3-23-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 3-24-15	OHC	3	3.4.1.1.c	-	-	-
4	Area Samples Collected 3-24-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/26/15 9:00 AM
Collected: 3/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW144	3/23/2015	3/26/2015	144 in²	10 µg/ft²	180 µg/ft²
341502887-0011	Site: Inside 13th Fl Clean Room				
SCGW145	3/23/2015	3/26/2015	144 in²	10 µg/ft²	260 µg/ft²
341502887-0012	Site: Outside 13th Fl Clean Room				
SCGW146	3/23/2015	3/26/2015	144 in²	10 µg/ft²	82 µg/ft²
341502887-0013	Site: Inside 11th Fl Clean Room				
SCGW147	3/23/2015	3/26/2015	144 in²	10 µg/ft²	360 µg/ft²
341502887-0014	Site: Outside 11th FL Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/26/2015 11:22:37

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only).* (b)(4) 3/26/15

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

341502887

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S311	14th Fl Above the Decon	910L	3/23/15 8:20am 3:40pm
S312	13th Fl Outside the Decon	910L	3/23/15 8:25am3:45pm
S313	12th Fl Below the Decon	910L	3/23/15 8.30am 3:50pm
S314	(b)(4) Grinding, Drilling, Welding, Torching	920L	3/23/15 8.00am 4:10pm
S315	Blank	QA/QC	3/23/15
SCGW144	Inside 13th Fl Clean Room	12X12	3/23/15
SCGW145	Outside 13th Fl Clean Room	12X12	3/23/15
SCGW146	Inside 11th Fl Clean Room	12X12	3/23/15
SCGW147	Outside 11th Fl Clean Room	12X12	3/23/15

Comments/Special Instructions:

Page 2 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

341502887

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 3/24/15 (b)(4)

Company: OHC Environmental Engineering, Inc	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S306	In between Dust Collectors	980L	3/23/15 8:05am 4:15pm
S307	10th Fl below Critical Barrier	960L	3/23/15 8:20am 4:20pm
S308	9th Fl below Critical Barrier	960L	3/23/15 8:21am 4:21pm
S309	(b)(4) Cleaning top of elevators SC	1070L	3/23/15 8:15am 5:10pm
S310	(b)(4) Cleaning top of the elevators	1070L	3/23/15 8:15am 5:10pm

Client Sample #'s S306 - S315 SCGW144 - SCGW147 **Total # of Samples:** 14

Relinquished (Client):	(b)(4)	**Date:**	3/24/15	**Time:**	4:30 pm
Received (Lab):		**Date:**		**Time:**	

Comments:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/26/15 9:00 AM
Collected: 3/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S306 *341502887-0001*	3/23/2015 Site: In Between Dust Collectors	3/26/2015	480 L	8.3 µg/m³	<8.3 µg/m³
S307 *341502887-0002*	3/23/2015 Site: 10th Fl Below Critical Barrier	3/26/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S308 *341502887-0003*	3/23/2015 Site: 9th Fl Below Critical Barrier	3/26/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S309 *341502887-0004*	3/23/2015 Site: (b)(4) / Cleaning Top of the Elevators	3/26/2015	1070 L	3.7 µg/m³	<3.7 µg/m³
S310 *341502887-0005*	3/23/2015 Site: (b)(4) / Cleaning Top of the Elevators	3/26/2015	1070 L	3.7 µg/m³	<3.7 µg/m³
S311 *341502887-0006*	3/23/2015 Site: 14th Fl Above the Decon	3/26/2015	910 L	4.4 µg/m³	<4.4 µg/m³
S312 *341502887-0007*	3/23/2015 Site: 13th Fl Outside the Decon	3/26/2015	910 L	4.4 µg/m³	<4.4 µg/m³
S313 *341502887-0008*	3/23/2015 Site: 12th Fl Below the Decon	3/26/2015	910 L	4.4 µg/m³	<4.4 µg/m³
S314 *341502887-0009*	3/23/2015 Site: (b)(4) Grinding, Drilling, Welding, Torchi	3/26/2015	920 L	4.3 µg/m³	<4.3 µg/m³
S315 *341502887-0010*	3/23/2015 Site: Blank	3/26/2015	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/26/2015 12:23:39

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

341502887

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 3/24/15 (b)(4)

Company: OHC Environmental Engineering, Inc		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. **ASTM** ■ **non ASTM** ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S306	In between Dust Collectors	980L	3/23/15 8:05am 4:15pm
S307	10th Fl below Critical Barrier	960L	3/23/15 8:20am 4:20pm
S308	9th Fl below Critical Barrier	960L	3/23/15 8:21am 4:21pm
S309	(b)(4) Cleaning top of elevators SC	1070L	3/23/15 8:15am 5:10pm
S310	(b)(4) Cleaning top of the elevators	1070L	3/23/15 8:15am 5:10pm

Client Sample #'s S306 - S315 SCGW144 - SCGW147 **Total # of Samples:** 14

Relinquished (Client):	(b)(4)	**Date:**	3/24/15	**Time:**	4:30 pm
Received (Lab):		**Date:**		**Time:**	

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*. (b)(4) 3/26/15

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

341502887

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S311	14th Fl Above the Decon	910L	3/23/15 8:20am 3:40pm
S312	13th Fl Outside the Decon	910L	3/23/15 8:25am3:45pm
S313	12th Fl Below the Decon	910L	3/23/15 8.30am 3:50pm
S314	(b)(4) Grinding, Drilling, Welding, Torching	920L	3/23/15 8.00am 4:10pm
S315	Blank	QA/QC	3/23/15
SCGW144	Inside 13th Fl Clean Room	12X12	3/23/15
SCGW145	Outside 13th Fl Clean Room	12X12	3/23/15
SCGW146	Inside 11th Fl Clean Room	12X12	3/23/15
SCGW147	Outside 11th Fl Clean Room	12X12	3/23/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/26/15 9:00 AM
Collected: 3/24/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW148	3/24/2015	3/26/2015	144 in²	10 µg/ft²	270 µg/ft²
341502885-0010	Site: Inside 13th Fl Clean Room				
SCGW149	3/24/2015	3/26/2015	144 in²	10 µg/ft²	140 µg/ft²
341502885-0011	Site: Outside 13th Fl Clean Room				
SCGW150	3/24/2015	3/26/2015	144 in²	10 µg/ft²	240 µg/ft²
341502885-0012	Site: Inside 11th Fl Clean Room				
SCGW151	3/24/2015	3/26/2015	144 in²	10 µg/ft²	370 µg/ft²
341502885-0013	Site: Outside 11th Fl Clean Room				

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/26/2015 11:20:33

OrderID: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ■ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S316	In between Dust Collectors	1010L	3/24/15 8.05am 4:30pm
S317	10th Fl below Critical Barrier	1090L	3/24/15 8:20am 5:25pm
S318	9th Fl below Critical Barrier	1090L	3/24/15 8:21am 5:26pm
S319	(b)(4) / Cleaning SC	1070L	3/24/15 8:15am 5:10pm
S320	(b)(4) / Cleaning SC	1070L	3/24/15 8:15am 5:10pm

Client Sample #'s S316 - S324 SCGW148 - SCGW151 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 3/24/15 **Time:** 4:30 pm

Received (Lab): **Date:** **Time:**

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S321	14th Fl Above the Decon	1022L	3/24/15 8:20am 4:50pm
S322	13th Fl Outside the Decon	1022L	3/24/15 8:25am 4:55pm
S323	12th Fl Below the Decon	1022L	3/24/15 8:30am 5:00pm
S324	Blank	QA/QC	3/24/15
SCGW148	Inside 13th Fl Clean Room	12X12	3/24/15
SCGW149	Outside 13th Fl Clean Room	12X12	3/24/15
SCGW150	Inside 11th Fl Clean Room	12X12	3/24/15
SCGW151	Outside 11th Fl Clean Room	12X12	3/24/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/26/15 9:00 AM
Collected: 3/24/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S316 *341502885-0001*	3/24/2015	3/26/2015	1010 L Site: In Between Dust Collectors	4.0 µg/m³	<4.0 µg/m³
S317 *341502885-0002*	3/24/2015	3/26/2015	1090 L Site: 10th Fl Below Critical Barrier	3.7 µg/m³	<3.7 µg/m³
S318 *341502885-0003*	3/24/2015	3/26/2015	1090 L Site: 9th Fl Below Critical Barrier	3.7 µg/m³	<3.7 µg/m³
S319 *341502885-0004*	3/24/2015	3/26/2015	1070 L Site: (b)(4) / Cleaning SC	3.7 µg/m³	<3.7 µg/m³
S320 *341502885-0005*	3/24/2015	3/26/2015	1070 L Site: (b)(4) Cleaning SC	3.7 µg/m³	<3.7 µg/m³
S321 *341502885-0006*	3/24/2015	3/26/2015	1022 L Site: 14th Fl Above the Decon	3.9 µg/m³	<3.9 µg/m³
S322 *341502885-0007*	3/24/2015	3/26/2015	1022 L Site: 13th Fl Outside the Decon	3.9 µg/m³	<3.9 µg/m³
S323 *341502885-0008*	3/24/2015	3/26/2015	1022 L Site: 12th Fl Below the Decon	3.9 µg/m³	<3.9 µg/m³
S324 *341502885-0009*	3/24/2015	3/26/2015	0 L Site: Blank	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/26/2015 12:21:46

OrderID: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S316	In between Dust Collectors	1010L	3/24/15 8.05am 4:30pm
S317	10th Fl below Critical Barrier	1090L	3/24/15 8:20am 5:25pm
S318	9th Fl below Critical Barrier	1090L	3/24/15 8:21am 5:26pm
S319	(b)(4) Cleaning SC	1070L	3/24/15 8:15am 5:10pm
S320	(b)(4) Cleaning SC	1070L	3/24/15 8:15am 5:10pm

Client Sample #'s S316 - S324 SCGW14B - SCGW15I **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 3/24/15 **Time:** 4:30 pm

Received (Lab): **Date:** **Time:**

Comments:

Page 1 of ____ pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S321	14th Fl Above the Decon	1022L	3/24/15 8:20am 4:50pm
S322	13th Fl Outside the Decon	1022L	3/24/15 8:25am 4:55pm
S323	12th Fl Below the Decon	1022L	3/24/15 8:30am 5:00pm
S324	Blank	QA/QC	3/24/15
SCGW148	Inside 13th Fl Clean Room	12X12	3/24/15
SCGW149	Outside 13th Fl Clean Room	12X12	3/24/15
SCGW150	Inside 11th Fl Clean Room	12X12	3/24/15
SCGW151	Outside 11th Fl Clean Room	12X12	3/24/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 30, 2015

SHEET 1 OF 0

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**321**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 Air, Area &Wipe Samples Collected

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected 3-25-15	OHC	3	3.4.1.1.c	-	-	
2	Area Air Samples Collected 3-25-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/27/15 10:15 AM
Collected: 3/25/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW152 *341502947-0011*	3/25/2015 Site: Inside 13th Fl Clean Room	3/27/2015	144 in²	10 µg/ft²	62 µg/ft²
SCGW153 *341502947-0012*	3/25/2015 Site: Outside 13th FL Clean Room	3/27/2015	144 in²	10 µg/ft²	49 µg/ft²
SCGW154 *341502947-0013*	3/25/2015 Site: Inside 11th Fl Clean Room	3/27/2015	144 in²	10 µg/ft²	34 µg/ft²
SCGW155 *341502947-0014*	3/25/2015 Site: Outside 11th Fl Clean Room	3/27/2015	144 in²	10 µg/ft²	51 µg/ft²
SCGW156 *341502947-0015*	3/25/2015 Site: Derrick Crane Cab Floor	3/27/2015	144 in²	10 µg/ft²	360 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/27/2015 13:25:44

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S325	Outside on Hip Wall by Waste Containers	1180L	3/25/15 8:05am 5:55pm
S326	10th Fl below Critical Barrier	862L	3/25/15 9:20am 4:30pm
S327	9th Fl below Critical Barrier	862L	3/25/15 9:21am 4:31pm
S328	(b)(4) Spot Abatement	1070L	3/25/15 8:50am 5:45pm
S329	(b)(4) Spot Abatement	1070L	3/25/15 8:50am 5:45pm

Client Sample #'s S325 - S334 SCGW152 - SCGW156 **Total # of Samples:** 15

Relinquished (Client): (b)(4) **Date:** 3/25/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/27/15 **Time:** 10:15am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S330	(b)(4) (RC)/ On Top of the Corvette	960L	3/25/15 8:50am 5:10pm
S331	14th Fl Above the Decon	990L	3/25/15 8:25am 4:40pm
S332	13th Fl Outside the Decon	990L	3/25/15 8:30am 4:45pm
S333	12th Fl Below the Decon	990L	3/25/15 8:35am 4:50pm
S334	Blank	QA/QC	3/25/15
SCGW152	Inside 13th Fl Clean Room	12X12	3/25/15
SCGW153	Outside 13th Fl Clean Room	12X12	3/25/15
SCGW154	Inside 11th Fl Clean Room	12X12	3/25/15
SCGW155	Outside 11th Fl Clean Room	12X12	3/25/15
SCGW156	Derrick Crane Cab Floor	12X12	3/25/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: [redacted]
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: [redacted]
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/27/15 10:15 AM
Collected: 3/25/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S325 *341502947-0001*	3/25/2015	3/27/2015	1180 L Site: Outside on Hip Wall by Waste Containers	3.4 µg/m³	<3.4 µg/m³
S326 *341502947-0002*	3/25/2015	3/27/2015	862 L Site: 10th Fl Below Critical Barrier	4.6 µg/m³	<4.6 µg/m³
S327 *341502947-0003*	3/25/2015	3/27/2015	862 L Site: 9th Fl Below Critical Barrier	4.6 µg/m³	<4.6 µg/m³
S328 *341502947-0004*	3/25/2015	3/27/2015	1070 L Site: [redacted] Spot Abatement	3.7 µg/m³	<3.7 µg/m³
S329 *341502947-0005*	3/25/2015	3/27/2015	1070 L Site: [redacted] / Spot Abatement	3.7 µg/m³	<3.7 µg/m³
S330 *341502947-0006*	3/25/2015	3/27/2015	960 L Site: [redacted] RC) / On Top on the Corvette	4.2 µg/m³	<4.2 µg/m³
S331 *341502947-0007*	3/25/2015	3/27/2015	990 L Site: 14th Fl Above the Decon	4.0 µg/m³	<4.0 µg/m³
S332 *341502947-0008*	3/25/2015	3/27/2015	990 L Site: 13th Fl Outside the Decon	4.0 µg/m³	<4.0 µg/m³
S333 *341502947-0009*	3/25/2015	3/27/2015	990 L Site: 12th Fl Below the Decon	4.0 µg/m³	<4.0 µg/m³
S334 *341502947-0010*	3/25/2015	3/27/2015	0 L Site: Blank	4.0 µg/filter	<4.0 µg/filter

Cassette samples for project Stennis B1 B2 Test Stand; sample S330 was sampled in both directions collected on front filter and back pad, sample analyzed

[redacted]
[redacted] Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/27/2015 16:54:42

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. **ASTM** ☑ **non ASTM** ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S325	Outside on Hip Wall by Waste Containers	1180L	3/25/15 8:05am 5:55pm
S326	10th Fl below Critical Barrier	862L	3/25/15 9:20am 4:30pm
S327	9th Fl below Critical Barrier	862L	3/25/15 9:21am 4:31pm
S328	(b)(4) / Spot Abatement	1070L	3/25/15 8:50am 5:45pm
S329	(b)(4) Spot Abatement	1070L	3/25/15 8:50am 5:45pm

Client Sample #'s S325 - S334 SCGW152 - SCGW156 **Total # of Samples:** 15

Relinquished (Client): (b)(4) **Date:** 3/25/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/27/15 **Time:** 10:15am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S330	(b)(4) (RC)/ On Top of the Corvette	960L	3/25/15 8:50am 5:10pm
S331	14th Fl Above the Decon	990L	3/25/15 8:25am 4:40pm
S332	13th Fl Outside the Decon	990L	3/25/15 8:30am 4:45pm
S333	12th Fl Below the Decon	990L	3/25/15 8:35am 4:50pm
S334	Blank	QA/QC	3/25/15
SCGW152	Inside 13th Fl Clean Room	12X12	3/25/15
SCGW153	Outside 13th Fl Clean Room	12X12	3/25/15
SCGW154	Inside 11th Fl Clean Room	12X12	3/25/15
SCGW155	Outside 11th Fl Clean Room	12X12	3/25/15
SCGW156	Derrick Crane Cab Floor	12X12	3/25/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: March 31, 2015

SHEET 1 OF 0

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**324**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 83 33.13 Air & Wipe Samples	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 3-26-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 3-27-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 3-28-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/30/15 8:42 AM
Collected: 3/26/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S335	3/26/2015	3/30/2015	1070 L	3.7 µg/m³	<3.7 µg/m³
341503014-0003	Site: Outside on Hip Wall by Waste Containers				
S336	3/26/2015	3/30/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341503014-0004	Site: 10th Fl Below Critical Barrier				
S337	3/26/2015	3/30/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341503014-0005	Site: 9th Fl Below Critical Barrier				
S338	3/26/2015	3/30/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503014-0006	Site: (b)(4) Re-Sealing Inside Containment				
S339	3/26/2015	3/30/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503014-0007	Site: (b)(4) Re-Sealing Inside Containment				
S340	3/26/2015	3/30/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503014-0008	Site: 14th Fl Above the Decon				
S341	3/26/2015	3/30/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503014-0009	Site: 13th Fl Outside the Decon				
S342	3/26/2015	3/30/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503014-0010	Site: 12th Fl Below the Decon				
S343	3/26/2015	3/30/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503014-0011	Site: Blank				

Cassette samples for project Stennis B1 B2 Test Stand; sample S339 was sampled in both directions collected on front filter and back pad, sample analyzed

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/30/2015 16:42:40

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0 01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S335	Outside on Hip Wall by Waste Containers	1070L	3/26/15 8:25am 5:20pm
S336	10th Fl below Critical Barrier	960L	3/26/15 8:50am 4:50pm
S337	9th Fl below Critical Barrier	960L	3/26/15 8:51am 4:51pm
S338	(b)(4) Re-Sealing Inside Containment	970L	3/26/15 9:10am 5:15pm
S339	(b)(4) Re-Sealing Inside Containment	970L	3/26/15 9:10am 5:15pm

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 3/26/15 **Time:** 4:30 pm

Received (La (b)(4) **ate:** 3/30/15 **Time:** 8:42am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S340	14th Fl Above the Decon	970L	3/26/15 8:55am4:55pm
S341	13th Fl Outside the Decon	970L	3/26/15 9:00am 5:00pm
S342	12th Fl Below the Decon	970L	3/26/15 9:05am 5:05pm
S343	Blank	QA/QC	3/26/15
SCGW157	Inside 13th Fl Clean Room	12X12	3/26/15
SCGW158	Outside 13th Fl Clean Room	12X12	3/26/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/31/15 9:00 AM
Collected: 3/27/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW159	3/27/2015	3/31/2015	144 in²	10 µg/ft²	21 µg/ft²
341503067-0001	Site: Inside 13th Fl Clean Room				
SCGW160	3/27/2015	3/31/2015	144 in²	10 µg/ft²	11 µg/ft²
341503067-0002	Site: Outside 13th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/31/2015 11:47:28

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S344	Outside on Hip Wall by Waste Containers	1050L	3/27/15 8:25am 5:10pm
S345	10th Fl below Critical Barrier	900L	3/27/15 8:50am 4:20pm
S346	9th Fl below Critical Barrier	900L	3/27/15 8 51am 4:21pm
S347	(b)(4) / Grit Recovery Inside Containment	942L	3/27/15 9:10am 5:01pm
S348	Grit Recovery Inside Containment	942L	3/27/15 9:10am 5:01pm

Client Sample #'s S344 - S352 SCGW159 / SCGW160 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 3/28/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/31/15 **Time:** 9am

Comments:

Page 1 of ____ pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S349	14th Fl Above the Decon	890L	3/27/15 8:55am 4:40pm
S350	13th Fl Outside the Decon	890L	3/27/15 9:00am 4:45pm
S351	12th Fl Below the Decon	890L	3/27/15 9:05am 4.50pm
S352	Blank	QA/QC	3/27/15
SCGW159	Inside 13th Fl Clean Room	12X12	3/27/15
SCGW160	Outside 13th Fl Clean Room	12X12	3/27/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 03/31/15 9:00 AM
Collected: 3/28/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW161	3/28/2015	3/31/2015	144 in²	10 µg/ft²	37 µg/ft²
341503068-0001	Site: Inside 13th Fl Clean Room				
SCGW162	3/28/2015	3/31/2015	144 in²	10 µg/ft²	<10 µg/ft²
341503068-0002	Site: Outside 13th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 03/31/2015 11:49:20

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 *modified*	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S353	Outside on Hip Wall by Waste Containers	1060L	3/28/15 7:50am 4:40pm
S354	10th Fl below Critical Barrier	964L	3/28/15 8:00am 4:02pm
S355	9th Fl below Critical Barrier	964L	3/28/15 8:01am 4:03pm
S356	(b)(4) Grit Recovery Inside Containment	974L	3/28/15 8:25am 4:32pm
S357	(b)(4) Grinding Pipes North Side under Containment	880L	3/28/15 9:00am 4:20pm

Client Sample #'s S353 -S361 SCGW161 -SCGW162 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 3/28/15 **Time:** 4:30 pm

Received (Lab): **Date:** 3/3/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S358	14th Fl Above the Decon	970L	3/28/15 8.10am 4 15pm
S359	13th Fl Outside the Decon	970L	3/28/15 8:15am 4:20pm
S360	12th Fl Below the Decon	970L	3/28/15 8:20am 4:25pm
S361	Blank	QA/QC	3/28/15
SCGW161	Inside 13th Fl Clean Room	12X12	3/28/15
SCGW162	Outside 13th Fl Clean Room	12X12	3/28/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE April 6, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**330**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Asir & Wipe Samples 3-30-15 thru 4-2-	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Samples Collected 3-30-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 3-31-15	OHC	3	3.4.1.1.c	-	-	-
3	Area Samples Collected 3-31-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected Gringing Level 11 4-1-15	OHC	3	3.4.1.1.c	-	-	-
5	Air Samples Collected 4-2-15	OHC	3	3.4.1.1.c	-	-	-
6	Wipe Samples Collected 4-2-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/01/15 9:00 AM
Collected: 3/30/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW163	3/30/2015	4/1/2015	144 in²	10 µg/ft²	81 µg/ft²
341503118-0001	Site: Inside 13th Fl Clean Room				
SCGW164	3/30/2015	4/1/2015	144 in²	10 µg/ft²	51 µg/ft²
341503118-0002	Site: Outside 13th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/01/2015 11:47:12

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/01/15 9:00 AM
Collected: 3/30/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S362	3/30/2015	4/1/2015	1020 L	3.9 µg/m³	<3.9 µg/m³
341503118-0003	Site: Outside 5' from the Dust Collector				
S363	3/30/2015	4/1/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341503118-0004	Site: 10th Fl Below Critical Barrier				
S364	3/30/2015	4/1/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341503118-0005	Site: 9th Fl Below Critical Barrier				
S365	3/30/2015	4/1/2015	770 L	5.2 µg/m³	<5.2 µg/m³
341503118-0006	Site: (b)(4) Grinding Paint on 8th Fl SE Exterior				
S366	3/30/2015	4/1/2015	770 L	5.2 µg/m³	<5.2 µg/m³
341503118-0007	Site: (b)(4) Grit Recovery Inside the Containment				
S367	3/30/2015	4/1/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341503118-0008	Site: 14th Fl Above the Decon				
S368	3/30/2015	4/1/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341503118-0009	Site: 13th Fl Outside the Decon				
S369	3/30/2015	4/1/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341503118-0010	Site: 12th Fl Below the Decon				
S370	3/30/2015	4/1/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503118-0011	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/01/2015 15:56:14

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S362	Outside 5' from the Dust Collector	1020L	3/30/15 8:45am 5:15pm
S363	10th Fl below Critical Barrier	950L	3/30/15 8:55am 4:50pm
S364	9th Fl below Critical Barrier	950L	3/30/15 8:56an 4:51pm
S365	(b)(4) Grinding Paint on 8th Fl SE Exterior	770L	3/30/15 10:15 4:40pm
S366	/ Grit Recovery inside the Containment	770L	3/30/15 10:15am 4:40pm

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 3/30/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/1/15 **Time:** 9am

Comment

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S367	14th Fl Above the Decon	950L	3/30/15 9:15am 4:40pm
S368	13th Fl Outside the Decon	950L	3/30/15 9:20am 4:45pm
S369	12th Fl Below the Decon	950L	3/30/15 9:25am 4:50pm
S370	Blank	QA/QC	3/30/15
SCGW163	Inside 13th Fl Clean Room	12X12	3/30/15
SCGW164	Outside 13th Fl Clean Room	12X12	3/30/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/02/15 10:24 AM
Collected: 3/31/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW165	3/31/2015	4/2/2015	144 in²	10 µg/ft²	120 µg/ft²
341503167-0001	Site: Inside 13th Fl Clean Room				
SCGW166	3/31/2015	4/2/2015	144 in²	10 µg/ft²	20 µg/ft²
341503167-0002	Site: Outside 13th Fl Clean Room				

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/02/2015 13:24:06

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S373	10th Fl below Critical Barrier	860L	3/31/15 9:05 4:15am
S374	9th Fl below Critical Barrier	860L	3/31/15 9:06am 4:16pm
S375	(b)(4) Inside the Containment	834L	3/31/15 9:25am 4:22pm
S376	14th Fl Above the Decon	840L	3/31/15 9:20am 4:20pm
S377	13th Fl Outside the Decon	840L	3/31/15 9:21am 4:21pm

Client Sample #'s S373 - S379 SCGW165 - SCGW166 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 3/31/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/2/15 **Time:** 10:24am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S378	12th Fl Below the Decon	840L	3/31/15 19:22am 4 22pm
S379	Blank	QA/QC	3/31/15 1
SCGW165	Inside 13th Fl Clean Room	12X12	3/31/15
SCGW166	Outside 13th Fl Clean Room	12X12	3/31/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/02/15 10:24 AM
Collected: 3/31/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S373	3/31/2015	4/2/2015	860 L	4.7 µg/m³	<4.7 µg/m³
341503167-0003	Site: 10th Fl Below Critical Barrier				
S374	3/31/2015	4/2/2015	860 L	4.7 µg/m³	<4.7 µg/m³
341503167-0004	Site: 9th Fl Below Critical Barrier				
S375	3/31/2015	4/2/2015	834 L	4.8 µg/m³	<4.8 µg/m³
341503167-0005	Site: (b)(4) nside the Containment				
S376	3/31/2015	4/2/2015	840 L	4.8 µg/m³	<4.8 µg/m³
341503167-0006	Site: 14th Fl Above the Decon				
S377	3/31/2015	4/2/2015	840 L	4.8 µg/m³	<4.8 µg/m³
341503167-0007	Site: 13th Fl Outside the Decon				
S378	3/31/2015	4/2/2015	840 L	4.8 µg/m³	<4.8 µg/m³
341503167-0008	Site: 12th Fl Below the Decon				
S379	3/31/2015	4/2/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503167-0009	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/02/2015 15:03:56

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S373	10th Fl below Critical Barrier	860L	3/31/15 9:05 4:15am
S374	9th Fl below Critical Barrier	860L	3/31/15 9:06am 4:16pm
S375	(b)(4) Inside the Containment	834L	3/31/15 9:25am 4:22pm
S376	14th Fl Above the Decon	840L	3/31/15 9:20am 4:20pm
S377	13th Fl Outside the Decon	840L	3/31/15 9:21am 4:21pm

Client Sample #'s S373 - S379 SCGW165 - SCGW166 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 3/31/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/2/15 **Time:** 10:24 am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S378	12th Fl Below the Decon	840L	3/31/15 19:22am 4 22pm
S379	Blank	QA/QC	3/31/15 1
SCGW165	Inside 13th Fl Clean Room	12X12	3/31/15
SCGW166	Outside 13th Fl Clean Room	12X12	3/31/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/03/15 9:31 AM
Collected: 4/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S388	4/1/2015	4/3/2015	1248 L	3.2 µg/m³	<3.2 µg/m³
341503227-0001	Site: (b)(4) HPA Grinding 11th Fl Outside				
S390	4/1/2015	4/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503227-0002	Site: Blank				

For project Stennis B1 B2 Test Stand sample number S388 was found to have notable blowback, Sample analyzed.

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/03/2015 16:20:22

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S388	(b)(4) (HPA)/ Grinding 11th Fl Outside	1248L	4/1/15 6:31am 4:55pm
S389	(b)(4) (HPA)/ Gouging on 11th fl. Outside	Void	4/1/15 8:50am VOID
S390	Blank		4/1/15

Client Sample #'s S388 - S390 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 4/1/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/3/15 **Time:** 9:31 am

Comments

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/03/15 9:31 AM
Collected: 4/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S380 *341503224-0003*	4/2/2015 Site: 10th Fl Below Critical Barrier	4/3/2015	932 L	4.3 µg/m³	<4.3 µg/m³
S381 *341503224-0004*	4/2/2015 Site: 9th Fl Below Critical Barrier	4/3/2015	932 L	4.3 µg/m³	<4.3 µg/m³
S382 *341503224-0005*	4/2/2015 Site (b)(4) Inside Containment Grit Clean up	4/3/2015	996 L	4.0 µg/m³	<4.0 µg/m³
S383 *341503224-0006*	4/2/2015 Site: 14th Fl Above the Decon	4/3/2015	1022 L	3.9 µg/m³	<3.9 µg/m³
S384 *341503224-0007*	4/2/2015 Site: 13th Fl Outside the Decon	4/3/2015	1022 L	3.9 µg/m³	<3.9 µg/m³
S385 *341503224-0008*	4/2/2015 Site: 12th Fl Below the Decon	4/3/2015	1022 L	3.9 µg/m³	<3.9 µg/m³
S386 *341503224-0009*	4/2/2015 Site: Blank	4/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
S387 *341503224-0010*	4/2/2015 Site: at the Duct Collector	4/3/2015	1110 L	3.6 µg/m³	<3.6 µg/m³

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/03/2015 16:16:25

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
Wipe* 6hr. ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S380	10th Fl below Critical Barrier	932L	4/1/15 8:01am 4:15pm
S381	9th Fl below Critical Barrier	932L	4/1/15 8:02am 4:16pm
S382	(b)(4) / Inside Containment Grit Clean-up	996L	4/1/15 8.22am 4:40pm
S383	14th Fl Above the Decon	1022L	4/1/15 8:10am 4:41pm
S384	13th Fl Outside the Decon	1022L	4/1/15 8:11am 4:42pm

Client Sample #'s S380 - S387 SCGW167 - SCGW168 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/2/15 **Time:** 5:30 pm

Received ((b)(4) **ate:** 4/3/15 **Time:** 9:31am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S385	12th Fl Below the Decon	1022L	4/1/15 8:12am 4:43pm
S386	Blank	QA/QC	4/1/15
S387	At the Dust Collector	1110L	4/1/15 7:50am 5:05pm
SCGW167	Inside 13th Fl Clean Room	12X12	4/1/15
SCGW168	Outside 13th Fl Clean Room	12X12	4/1/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/03/15 9:31 AM
Collected: 4/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW167	4/2/2015	4/3/2015	144 in²	10 µg/ft²	26 µg/ft²
341503224-0001	Site: Inside 13th Fl Clean Room				
SCGW168	4/2/2015	4/3/2015	144 in²	10 µg/ft²	<10 µg/ft²
341503224-0002	Site: Outside 13th Fl Clean Room				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/03/2015 12:16:57

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
Wipe* 6hr. ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S380	10th Fl below Critical Barrier	932L	4/1/15 8:01am 4:15pm
S381	9th Fl below Critical Barrier	932L	4/1/15 8:02am 4:16pm
S382	(b)(4) Inside Containment Grit Clean-up	996L	4/1/15 8.22am 4:40pm
S383	14th Fl Above the Decon	1022L	4/1/15 8:10am 4:41pm
S384	13th Fl Outside the Decon	1022L	4/1/15 8:11am 4:42pm

Client Sample #'s S380 - S387 SCGW167 - SCGW168 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/2/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 4/3/15 **Time:** 9:31am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S385	12th Fl Below the Decon	1022L	4/1/15 8:12am 4:43pm
S386	Blank	QA/QC	4/1/15
S387	At the Dust Collector	1110L	4/1/15 7:50am 5:05pm
SCGW167	Inside 13th Fl Clean Room	12X12	4/1/15
SCGW168	Outside 13th Fl Clean Room	12X12	4/1/15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: April 8, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**337**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 01 82 33.13 Area & Wipe Samples 4-2-15 & 4-6-15	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	WipeSamples Collected 4-2-15	OHC	3	3.4.1.1.c	-	-	
2	Area Samples Collected 4-2-15	OHC	3	3.4.1.1.c	-	-	-
3	Area Samples Collected 4-6-15	OHC	3	3.4.1.1.c	-	-	-
4	WipeSamples Collected 4-6-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/06/15 8:47 AM
Collected: 4/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW169 *341503259-0001*	4/2/2015 Site: 13th Fl Clean Room	4/6/2015	144 in²	10 µg/ft²	16 µg/ft²
SCGW170 *341503259-0002*	4/2/2015 Site: Outside 13th Fl Clean Room	4/6/2015	144 in²	10 µg/ft²	<10 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/06/2015 11:53:37

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S391	(b)(4) (RC)/ Grinding 11th Fl Outside	872L	4/2/15 9:32am 4:48pm
S392	RC)/ Gouging on 11th fl Outside	872L	4/2/15 9:31am 4:47pm
S393	Outside by the Dust Collector	950L	4/2/15 9:00am 4:55pm
S394	10th Fl below Critical Barrier	858L	4/2/15 9:14am 4:23pm
S395	9th Fl below Critical Barrier	858L	4/2/15 9.15am 4:24pm

Client Sample #'s S391 - S400 SCGW169 SCGW170 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 4/2/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/6/15 **Time:** 8:47am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S396	(b)(4) prep inside the south containment	846L	4/2/15 9:25am 4:28pm
S397	14th fl above the decon	848L	4/2/15 9:23am 4:27pm
S398	13th fl outside the decon	848L	4/2/15 9:24am 4:28pm
S399	12th fl below the decon	848L	4/2/15 9:25am 4:29pm
S400	Blank	QA/QC	4/2/15
SCGW169	13th fl clean room		4/2/15
SCGW170	Outside 13th fl clean room		4/2/15

Comments/Special Instructions:

Page _____ of _____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/06/15 8:47 AM
Collected: 4/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S391 *341503259-0003*	4/2/2015	4/6/2015	872 L Site: (b)(4) RC Grinding 11th Fl Outside	4.6 µg/m³	5.2 µg/m³
S392 *341503259-0004*	4/2/2015	4/6/2015	872 L Site: (b)(4) RC Gouging on 11th Fl Outside	4.6 µg/m³	<4.6 µg/m³
S393 *341503259-0005*	4/2/2015	4/6/2015	950 L Site: Outside by Dust Collector	4.2 µg/m³	<4.2 µg/m³
S394 *341503259-0006*	4/2/2015	4/6/2015	858 L Site: 10th Fl Below Critical Barrier	4.7 µg/m³	<4.7 µg/m³
S395 *341503259-0007*	4/2/2015	4/6/2015	858 L Site: 9th Fl Below Critical Barrier	4.7 µg/m³	<4.7 µg/m³
S396 *341503259-0008*	4/2/2015	4/6/2015	846 L Site: (b)(4) Prep Inside the South Containment	4.7 µg/m³	<4.7 µg/m³
S397 *341503259-0009*	4/2/2015	4/6/2015	848 L Site: 14th Fl Above the Decon	4.7 µg/m³	<4.7 µg/m³
S398 *341503259-0010*	4/2/2015	4/6/2015	848 L Site: 13th Fl Outside the Decon	4.7 µg/m³	<4.7 µg/m³
S399 *341503259-0011*	4/2/2015	4/6/2015	848 L Site: 12th Fl Below the Decon	4.7 µg/m³	<4.7 µg/m³
S400 *341503259-0012*	4/2/2015	4/6/2015	0 L Site: Blank	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/06/2015 11:59:41

OrderID: (b)(2)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S391	(b)(4) (RC)/ Grinding 11th Fl Outside	872L	4/2/15 9:32am 4:48pm
S392	RC)/ Gouging on 11th fl Outside	872L	4/2/15 9:31am 4:47pm
S393	Outside by the Dust Collector	950L	4/2/15 9:00am 4:55pm
S394	10th Fl below Critical Barrier	858L	4/2/15 9:14am 4:23pm
S395	9th Fl below Critical Barrier	858L	4/2/15 9.15am 4:24pm

Client Sample #'s S391 - S400 SCGW169 SCGW170 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 4/2/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/6/15 **Time:** 8:47am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S396	(b)(4) prep inside the south containment	846L	4/2/15 9:25am 4:28pm
S397	14th fl above the decon	848L	4/2/15 9:23am 4:27pm
S398	13th fl outside the decon	848L	4/2/15 9:24am 4:28pm
S399	12th fl below the decon	848L	4/2/15 9:25am 4:29pm
S400	Blank	QA/QC	4/2/15
SCGW169	13th fl clean room		4/2/15
SCGW170	Outside 13th fl clean room		4/2/15

Comments/Special Instructions:

Page _____ of _____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/07/15 8:53 AM
Collected: 4/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S401 *341503307-0003*	4/6/2015 Site: Outside by Dust Collector	4/7/2015	990 L	4.0 µg/m³	<4.0 µg/m³
S402 *341503307-0004*	4/6/2015 Site: 10th Fl Below Critical Barrier	4/7/2015	990 L	4.0 µg/m³	<4.0 µg/m³
S403 *341503307-0005*	4/6/2015 Site: 9th Fl Below Critical Barrier	4/7/2015	990 L	4.0 µg/m³	<4.0 µg/m³
S404 *341503307-0006*	4/6/2015 Site: 14th Fl Above the Decon	4/7/2015	920 L	4.3 µg/m³	<4.3 µg/m³
S405 *341503307-0007*	4/6/2015 Site: 13th Fl Outside the Decon	4/7/2015	920 L	4.3 µg/m³	<4.3 µg/m³
S406 *341503307-0008*	4/6/2015 Site: 12th Fl Below the Decon	4/7/2015	940 L	4.3 µg/m³	<4.3 µg/m³
S407 *341503307-0009*	4/6/2015 Site: (b)(4) ADS Inside South Containment	4/7/2015	900 L	4.4 µg/m³	<4.4 µg/m³
S408 *341503307-0010*	4/6/2015 Site: (b)(4) HPA Gouging 11th Fl Outside	4/7/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S409 *341503307-0011*	4/6/2015 Site: Blank	4/7/2015	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/07/2015 13:32:02

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ■ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr **ASTM** ■ **non ASTM** ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S401	Outside by Dust Collector	990	4/6/15
S402	10th fl below critical barrier	990	4/6/15
S403	9th fl below critical barrier	990	4/6/15
S404	14th fl above decon	920 ~~940~~ ~~960~~ cm	4/6/15
S405	13th fl outside decon	920	4/6/15

Client Sample #'s S401 - S404 Air (Wipes SC GW 171 - 172) **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4-6-15 **Time:** 4:30 pm

Received (L...): (b)(4) **Date:** 4/7/15 **Time:** 8:53am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S406	12th fl below decon	940 ~~960~~	4/6/15
S407	(b)(4) (ADS)/ inside south containment	900	4/6/15
~~S408~~	~~(HPA)/ Grinding 11th fl Outside~~	960	4/6/15
S409	(b)(4) (HPA)/ Gouging 11th fl Outside		4/6/15
~~S410~~ 409	Blank	QA/QC	4/6/15
SCGW171	13th fl clean room	12X12	4/6/15
SCGW172	Outside 13th fl clean room	12X12	4/6/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/07/15 8:53 AM
Collected: 4/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW171 *341503307-0001*	4/6/2015 Site: 13th Fl Clean Room	4/7/2015	144 in²	10 µg/ft²	68 µg/ft²
SCGW172 *341503307-0002*	4/6/2015 Site: Outside 13th Fl Clean Room	4/7/2015	144 in²	10 µg/ft²	32 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/07/2015 12:48:38

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S401	Outside by Dust Collector	990	4/6/15
S402	10th fl below critical barrier	990	4/6/15
S403	9th fl below critical barrier	990	4/6/15
S404	14th fl above decon	920 ~~940~~ ~~960~~ cm	4/6/15
S405	13th fl outside decon	920	4/6/15

Client Sample #'s S401 - S404 Air (Wipes SC GW171-172) **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4-6-15 **Time:** 4:30 pm

Received (b)(4) **Date:** 4/7/15 **Time:** 8:53am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S406	12th fl below decon	940 ~~960~~ cm²	4/6/15
S407	(b)(4) (ADS)/ inside south containment	900	4/6/15
~~S408~~	~~(HPA)/ Grinding 11th fl Outside~~	960	4/6/15
S408	(b)(4) (HPA)/ Gouging 11th fl Outside		4/6/15
~~S410~~ 409	Blank	QA/QC	4/6/15
SCGW171	13th fl clean room	12X12	4/6/15
SCGW172	Outside 13th fl clean room	12X12	4/6/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: April 15, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**342**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Air & Wipe Samples 4-10 thru 4-11-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 4-11-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 4-10-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 4-10-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 4-11-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/14/15 9:39 AM
Collected: 4/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S443	4/11/2015	4/14/2015	1100 L	3.6 µg/m³	<3.6 µg/m³
341503567-0003	Site: 10th Floor Below Crititcal Barrier				
S444	4/11/2015	4/14/2015	1100 L	3.6 µg/m³	<3.6 µg/m³
341503567-0004	Site: 9th Floor Below Crititcal Barrier				
S445	4/11/2015	4/14/2015	1104 L	3.6 µg/m³	<3.6 µg/m³
341503567-0005	Site: 14th Fl Above the Decon				
S446	4/11/2015	4/14/2015	1104 L	3.6 µg/m³	<3.6 µg/m³
341503567-0006	Site: 13th Fl Outside the Decon				
S447	4/11/2015	4/14/2015	1104 L	3.6 µg/m³	<3.6 µg/m³
341503567-0007	Site: 12th Fl Below the Decon				
S447	4/11/2015	4/14/2015	1060 L	3.8 µg/m³	<3.8 µg/m³
341503567-0008	Site: (b)(4) Cleanup 20th Floor Down Housekeeping				
S449	4/11/2015	4/14/2015	1060 L	3.8 µg/m³	<3.8 µg/m³
341503567-0009	Site: (b)(4) Cleanup 20th Floor Down Housekeeping				
S450	4/11/2015	4/14/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503567-0010	Site: Blank				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 04/14/2015 17:01:17

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* (6 hr. ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S443	10th Fl below Critical Barrier	1,100L	4/11/15 7:40am 4:50pm
S444	9th Fl below Critical Barrier	1,100L	4/11/15 7:41am 4.51pm
S445	14th fl above the decon	1,104L	4/11/15 7:50am 5:02pm
S446	13th fl outside the decon	1,104L	4/11/15 7:51am 5:03pm
S447	12th fl below the decon	1,104L	4/11/15 7:52am 5:04pm

Client Sample #'s S443 THRU S450 SCGW181 - SCGW182 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/11/15 **Time:** 5:30 pm

Received (La (b)(4) **Date:** 4/14/15 **Time:** 9:39am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S448	(b)(4) Clean up 20th floor down (house keeping)	1,060L	4/11/15 8:15am 5:05pm
S449	(b)(4) Clean up 20th floor down (house keeping)	1,060L	4/11/15 8:15am 5:05pm
S450	Blank	0L	4/11/15
SCGW181	13th fl clean room		4/11/15
SCGW182	Outside 13th fl clean room		4/11/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/14/15 9:39 AM
Collected: 4/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S435	4/10/2015	4/14/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503565-0003	Site: 10th Fl Below Critical Barrier				
S436	4/10/2015	4/14/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503565-0004	Site: 9th Fl Below Critical Barrier				
S437	4/10/2015	4/14/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341503565-0005	Site: 14th Above the Decon				
S438	4/10/2015	4/14/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341503565-0006	Site: 13th Outside the Decon				
S439	4/10/2015	4/14/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341503565-0007	Site: 12th Below the Decon				
S440	4/10/2015	4/14/2015	730 L	5.5 µg/m³	<5.5 µg/m³
341503565-0008	Site: (b)(4) Cleanup 20th Floor Down Housekeeping				
S441	4/10/2015	4/14/2015	730 L	5.5 µg/m³	<5.5 µg/m³
341503565-0009	Site: (b)(4) Cleanup 20th Floor Down Housekeeping				
S442	4/10/2015	4/14/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503565-0010	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 04/14/2015 16:59:14

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. **ASTM** ☒ **non ASTM** ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S435	10th Fl below Critical Barrier	890L	4/10/15 9:45am 5:10pm
S436	9th Fl below Critical Barrier	890L	4/10/15 9:46am 5:11pm
S437	14th fl above the decon	790L	4/10/15 10:15am 4:50pm
S438	13th fl outside the decon	790L	4/10/15 10:16am 4:51pm
S439	12th fl below the decon	790L	4/10/15 10:17am 4:52pm

Client Sample #'s S435 - S442 SCGW179 - SCGW180 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/10/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/14/15 **Time:** 9:39am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S440	(b)(4) Clean up 20th floor down (house keeping)	730L	4/10/15 10:20am 4 45pm
S441	(b)(4) Clean up 20th floor down (house keeping)	730L	4/10/1510 20am 4.45pm
S442	Blank	0L	4/10/15
SCGW179	13th fl clean room		4/10/15
SCGW180	Outside 13th fl clean room		4/10/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/14/15 9:39 AM
Collected: 4/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW179	4/10/2015	4/14/2015	144 in²	10 µg/ft²	500 µg/ft²
341503565-0001	Site: 13th Fl Clean Room				
SCGW180	4/10/2015	4/14/2015	144 in²	10 µg/ft²	70 µg/ft²
341503565-0002	Site: Outside 13th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/14/2015 12:01:23

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. **ASTM** ☒ **non ASTM** ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S435	10th Fl below Critical Barrier	890L	4/10/15 9:45am 5:10pm
S436	9th Fl below Critical Barrier	890L	4/10/15 9:46am 5:11pm
S437	14th fl above the decon	790L	4/10/15 10:15am 4:50pm
S438	13th fl outside the decon	790L	4/10/15 10:16am 4:51pm
S439	12th fl below the decon	790L	4/10/15 10:17am 4:52pm

Client Sample #'s S435 - S442 SCGW179 - SCGW180 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/10/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/14/15 **Time:** 9:39am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S440	(b)(4) Clean up 20th floor down (house keeping)	730L	4/10/15 10:20am 4 45pm
S441	(b)(4) Clean up 20th floor down (house keeping)	730L	4/10/1510 20am 4.45pm
S442	Blank	0L	4/10/15
SCGW179	13th fl clean room		4/10/15
SCGW180	Outside 13th fl clean room		4/10/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/14/15 9:39 AM
Collected: 4/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW181	4/11/2015	4/14/2015	144 in²	10 µg/ft²	330 µg/ft²
341503567-0001	Site: 13th Fl Clean Room				
SCGW182	4/11/2015	4/14/2015	144 in²	10 µg/ft²	300 µg/ft²
341503567-0002	Site: Outside 13th Fl Clean Room				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 04/14/2015 12:03:32

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr - ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S443	10th Fl below Critical Barrier	1,100L	4/11/15 7:40am 4:50pm
S444	9th Fl below Critical Barrier	1,100L	4/11/15 7:41am 4.51pm
S445	14th fl above the decon	1,104L	4/11/15 7:50am 5:02pm
S446	13th fl outside the decon	1,104L	4/11/15 7:51am 5:03pm
S447	12th fl below the decon	1,104L	4/11/15 7:52am 5:04pm

Client Sample #'s S443 THRU S450 SCGW181 - SCGW182 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/11/15 **Time:** 5:30 pm

Received ((b)(4) **Date:** 4/14/15 **Time:** 9:39am

Comments

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S448	(b)(4) Clean up 20th floor down (house keeping)	1,060L	4/11/15 8:15am 5:05pm
S449	(b)(4) Clean up 20th floor down (house keeping)	1,060L	4/11/15 8:15am 5:05pm
S450	Blank	0L	4/11/15
SCGW181	13th fl clean room		4/11/15
SCGW182	Outside 13th fl clean room		4/11/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: April 18, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**352**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13 Air & Wipe Samples 4-13-15 & 4-15-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 4-13-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 4-15-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected 12 th Floor 4-15-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected 4-15-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/15/15 9:23 AM
Collected: 4/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S451	4/13/2015	4/15/2015	932 L	4.3 µg/m³	<4.3 µg/m³
341503618-0003	Site: 10th Fl Below Critical Barrier				
S452	4/13/2015	4/15/2015	932 L	4.3 µg/m³	<4.3 µg/m³
341503618-0004	Site: 9th Fl Below Critical Barrier				
S453	4/13/2015	4/15/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503618-0005	Site: 14th Fl Above the Decon				
S454	4/13/2015	4/15/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503618-0006	Site: 13th Fl Outside the Decon				
S455	4/13/2015	4/15/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503618-0007	Site: 12th Fl Below the Decon				
S456	4/13/2015	4/15/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503618-0008	Site: (b)(4) Prep of 15th Fl Interior South Wall				
S457	4/13/2015	4/15/2015	890 L	4.5 µg/m³	<4.5 µg/m³
341503618-0009	Site: (b)(4) Prep Inside of South Containment				
S458	4/13/2015	4/15/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503618-0010	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/15/2015 15:19:41

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S451	10th Fl below Critical Barrier	932L	4/13/15 9:24am 4:50pm
S452	9th Fl below Critical Barrier	932L	4/13/15 9:25am 4:51pm
S453	14th fl above the decon	890L	4/13/15 9:40am 5:05pm
S454	13th fl outside the decon	890L	4/13/15 9:41am 5:06pm
S455	12th fl below the decon	890L	4/13/15 9:42am 5:07pm

Client Sample #'s S451 - S455B SCGW1B3 - SCGW1B4 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/13/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 4/15/15 **Time:** 9:23am

Comments:

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S456	(b)(4) Prep of 15th Fl. Interior South Wall	890L	4/13/15 9:45am 5:10pm
S457	(b)(4) / Prep Inside of South Containment	890L	4/13/15 9:45am 5:10pm
S458	Blank	0L	4/13/15
SCGW183	13th fl clean room		4/13/15
SCGW184	Outside 13th fl clean room		4/13/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/17/15 9:11 AM
Collected: 4/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW185	4/15/2015	4/17/2015	144 in²	10 µg/ft²	160 µg/ft²
341503716-0001	Site: 13th Fl Clean Rm				
SCGW186	4/15/2015	4/17/2015	144 in²	10 µg/ft²	28 µg/ft²
341503716-0002	Site: Outside 13th Fl Clean Rm				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/17/2015 11:55:08

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S459	11th Fl south by Scaffolding Dropoff	1000L	4/15/15 8:10am 4:30pm
S460	10th Fl below Critical Barrier	1080L	4/15/15 7:50am 4:50pm
S461	9th Fl below Critical Barrier	1080L	4/15/15 7:51am 4:51pm
S462	14th fl above the decon	954L	4/15/15 8:13am 4:10pm
S463	13th fl outside the decon	954L	4/15/15 8:14am 4:11pm

Client Sample #'s S459 - S467 SCGW1B5 SCGW1B6 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 4/15/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/17/15 **Time:** 9:11am

Comments

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S464	12th fl below the decon	954L	4/15/15 8:15am 4:12pm
S465	(b)(4) Scaffold Removal	430L	4/15/15 8 15am 11:50pm
S466	(b)(4) Scaffold Removal	990L	4/15/15 8:15am 4:30pm
S467	Blank	0L	4/15/15
SCGW185	13th fl clean room		4/15/15
SCGW186	Outside 13th fl clean room		4/15/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/17/15 9:11 AM
Collected: 4/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
MF01-2015	4/15/2015	4/17/2015	144 in²	10 µg/ft²	800 µg/ft²
341503717-0001	Site: 12th Fl North Side Outside Cage				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/17/2015 11:57:59

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
MF01-2015	12th Fl North Side Outside Cage	12X12	4-15-15

Client Sample #'s - MF01-2015 **Total # of Samples:** 1

Relinquished (Client): (b)(4) **Date:** 4-15-15 **Time:** 4:30 pm

Received ((b)(4) **Date:** 4/17/16 **Time:** 9:11am

Comments

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/17/15 9:11 AM
Collected: 4/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S459	4/15/2015	4/17/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341503716-0003	Site: 11th Fl South by Scaffolding Dropoff				
S460	4/15/2015	4/17/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341503716-0004	Site: 10th Fl Below Critical Barrier				
S461	4/15/2015	4/17/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341503716-0005	Site: 9th Fl Below Critical Barrier				
S462	4/15/2015	4/17/2015	954 L	4.2 µg/m³	<4.2 µg/m³
341503716-0006	Site: 14th Fl Above the Decon				
S463	4/15/2015	4/17/2015	954 L	4.2 µg/m³	<4.2 µg/m³
341503716-0007	Site: 13th Fl Outside the Decon				
S464	4/15/2015	4/17/2015	954 L	4.2 µg/m³	<4.2 µg/m³
341503716-0008	Site: 12th Fl Below the Decon				
S465	4/15/2015	4/17/2015	430 L	9.3 µg/m³	<9.3 µg/m³
341503716-0009	Site: (b)(4) Scaffold Removal				
S466	4/15/2015	4/17/2015	990 L	4.0 µg/m³	<4.0 µg/m³
341503716-0010	Site: (b)(4) Scaffold Removal				
S467	4/15/2015	4/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503716-0011	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/17/2015 14:39:17

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S459	11th Fl south by Scaffolding Dropoff	1000L	4/15/15 8:10am 4:30pm
S460	10th Fl below Critical Barrier	1080L	4/15/15 7:50am 4:50pm
S461	9th Fl below Critical Barrier	1080L	4/15/15 7:51am 4:51pm
S462	14th fl above the decon	954L	4/15/15 8:13am 4:10pm
S463	13th fl outside the decon	954L	4/15/15 8:14am 4:11pm

Client Sample #'s S459 - S467 SCGW/B5 SCGW/B6 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 4/15/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/17/15 **Time:** 9:11am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S464	12th fl below the decon	954L	4/15/15 8:15am 4:12pm
S465	(b)(4) Scaffold Removal	430L	4/15/15 8 15am 11:50pm
S466	(b)(4) Scaffold Removal	990L	4/15/15 8:15am 4:30pm
S467	Blank	0L	4/15/15
SCGW185	13th fl clean room		4/15/15
SCGW186	Outside 13th fl clean room		4/15/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

April 23, 2015

Reply to Attn of: **RA10**/15-0698CBS

Harry Pepper & Associates, Inc.
Attn: (b)(4)
9000 Regency Square Blvd
Suite 100
Jacksonville, FL 32256-1574

Subject: SL430WFB00-03 B2 WP# 3, Soft Core Painting
NASA Contract: NNS14AA30T

The following listed contractually required submittal is being returned to your office:

1. Transmittal 352:
Item 1 – Air Samples Collected 4-13-2015 – **Receipt Acknowledged.**
Item 2 – Wipe Samples Collected 4-15-2015 – **Receipt Acknowledged.**
Item 3 – Air Samples Collected 12TH Floor 4-15-2015 – **Receipt Acknowledged.**
Item 4 – Air Samples Collected 4-15-2015 – **Receipt Acknowledged.**

NOTE: ** "ANY COMMENT(S) THAT RESULT IN A CHANGE TO THE CONTRACT COST, SCOPE, OR SCHEDULE YOU MUST NOTIFY THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO IMPLEMENTATION OR ANY COSTS ARE INCURRED."

If you have any questions, give me a call at 228-688-3243.

Brennan Sanders
Contracting Officer's Representative

Enclosure

cc:
NASA/Mr. Maynard
/Mr. Mannion
/Dr. Rauch
Prime (b)(4)
Jacobs-FOSC/ (b)(4) Official file

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

RECEIVED
APR 20 2015
DOCUMENT CONTROL

CONTRACTOR TRANSMITTAL SHEET

DATE: April 18, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	HARRY PEPPER & ASSOCIATES, INC.	0	352

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33 .13 Air & Wipe Samples 4-13-15 & 4-15-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Air Samples Collected 4-13-15	OHC	3	3.4.1.1.c	-	-	F
2	Wipe Samples Collected 4-15-15	OHC	3	3.4.1.1.c	-	-	F
3	Air Samples Collected 12 th Floor 4-15-15	OHC	3	3.4.1.1.c	-	-	F
4	Air Samples Collected 4-15-15	OHC	3	3.4.1.1.c	-	-	F
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

Ref: 15-0698CBS

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE
1-4	C. Brennan Sanders, COR	4/28/15

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: April 29, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**358**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Air & Wipe Samples Collected OHC

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected 4-18-15	OHC	3	3.4.1.1.c	-	-	
-	Work in this area preformed by others	-	-	-	-	-	-
2	Soil Samples Collected 4-21-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected 4-22-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 4-23-15	OHC	3	3.4.1.1.c	-	-	-
-	Work in this area preformed by others	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/24/15 9:00 AM
Collected: 4/18/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-01 *341503964-0001*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core NW	10 µg/ft²	270 µg/ft²
BL-02 *341503964-0002*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core NC	10 µg/ft²	120 µg/ft²
BL-03 *341503964-0003*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core NE	10 µg/ft²	1100 µg/ft²
BL-04 *341503964-0004*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core NCW	10 µg/ft²	1600 µg/ft²
BL-05 *341503964-0005*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core NCE	10 µg/ft²	520 µg/ft²
BL-06 *341503964-0006*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core SCW	10 µg/ft²	1000 µg/ft²
BL-07 *341503964-0007*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core under Staircase	10 µg/ft²	180 µg/ft²
BL-08 *341503964-0008*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core SW	10 µg/ft²	540 µg/ft²
BL-09 *341503964-0009*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core SC	10 µg/ft²	180 µg/ft²
BL-10 *341503964-0010*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core SE	10 µg/ft²	1400 µg/ft²
BL-11 *341503964-0011*	4/18/2015	4/24/2015	144 in² Site: Inside 11th Fl Soft Core Top Handrail Stairs	10 µg/ft²	13 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/27/2015 08:58:23

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/24/15 9:00 AM
Collected: 4/18/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-12	4/18/2015	4/24/2015	144 in²	10 µg/ft²	67 µg/ft²
341503964-0012	Site: Inside 11th Fl Soft Core Bottom Handrail Stairs				
BL-13	4/18/2015	4/24/2015	144 in²	10 µg/ft²	540 µg/ft²
341503964-0013	Site: Inside 11th Fl Soft Core SE				
BL-13A	4/18/2015	4/24/2015	144 in²	10 µg/ft²	5300 µg/ft²
341503964-0014	Site: Inside 11th Fl Soft Core SE				
BL-13B	4/18/2015	4/24/2015	144 in²	10 µg/ft²	3100 µg/ft²
341503964-0015	Site: Inside 11th Fl Soft Core SC				
BL-13C	4/18/2015	4/24/2015	144 in²	10 µg/ft²	830 µg/ft²
341503964-0016	Site: Inside 11th Fl Soft Core SW				
BL-13D	4/18/2015	4/24/2015	994.5 in²	1.4 µg/ft²	86 µg/ft²
341503964-0017	Site: Inside 11th Fl Soft Light				

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 04/27/2015 08:58:23

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☒ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
BL-01	Inside 11th Fl Soft Core NW	12X12 Floor	4/18/15
BL-02	Inside 11th Fl Soft Core NC	9X16 Gusset	4/18/15
BL-03	Inside 11th Fl Soft Core NE	12X12 Floor	4/18/15
BL-04	Inside 11th Fl Soft Core NCW	12X12 Floor	4/18/15
BL-05	Inside 11th Fl Soft Core NCE	12X12 Floor	4/18/15

Client Sample #'s - **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 4/22/15 **Time:** 5:30 pm

Received (L(b)(4) **ate:** 4/24/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-06	Inside 11th Fl Soft Core SCW	12X12 Floor	4/18/15
BL-07	Inside 11th Fl Soft Core Under Staircase	12X12 Floor	4/18/15
BL-08	Inside 11th Fl Soft Core SW	12X12 Floor	4/18/15
BL-09	Inside 11th Fl Soft Core SC	12X12 Floor	4/18/15
BL-10	Inside 11th Fl Soft Core SE	12X12 Floor	4/18/15
BL-11	Inside 11th Fl Soft Core Top Hand Rail Stairs	1.25X115.25	4/18/15
BL-12	Inside 11th Fl Soft Core Bottom Hand Rail Stairs	1.25X115.25	4/18/15
BL-13	Inside 11th Fl Soft Core SE	12X12 I Beam	4/18/15
BL-13A	Inside 11th Fl Soft Core SE	9X16 Gusset	4/22/15
BL-13B	Inside 11th Fl Soft Core SC	9X16 Gusset	4/22/15
BL-13C	Inside 11th Fl Soft Core SW	9X16 Gusset	4/22/15
BL-13D	Inside 11th Fl Soft Core Light	8.5X17 West Elev.	4/22/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/24/15 9:00 AM
Collected: 4/21/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*RDL*	*Lead Concentration*
CB-01	4/21/2015	4/27/2015	40 mg/Kg	500 mg/Kg
341503967-0001	Site: Outside 11th Fl South West			
CB-02	4/21/2015	4/27/2015	40 mg/Kg	<40 mg/Kg
341503967-0002	Site: Outside 11th Fl North West			
CB-03	4/21/2015	4/27/2015	40 mg/Kg	210 mg/Kg
341503967-0003	Site: Outside 9th Fl South Side			

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/27/2015 14:17:37

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☑ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☑
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler (b)(4) **Signature of Sample** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
CB-01	Outside 11th Fl South West	Bulk	4/21/15
CB-02	Outside 11th Fl North West	Bulk	4/21/15
CB-03	Outside 9th Fl South Side	Bulk	4/21/15

Client Sample #'s CB-01 - CB-03 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 4/22/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 4/24/15 **Time:** 9am

Comments:
Composite blend each sample, Thanks

Page 1 of 2 pages

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/24/15 9:00 AM
Collected: 4/22/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S482	4/22/2015	4/24/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503968-0001	Site: (b)(4) Cleaning Around the Dumpster				
S483	4/22/2015	4/24/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341503968-0002	Site: Dowwind of Dumpster				
S484	4/22/2015	4/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341503968-0003	Site: (b)(4) Cleaning the 11th Floor SC Exterior Grit				
S485	4/22/2015	4/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341503968-0004	Site: Downwind of Grit Clean-up				
S486	4/22/2015	4/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341503968-0005	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/27/2015 08:56:59

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S482	(b)(4) /Cleaning around the dumpster	970L	4/22/15 8:40am 4:35pm
S483	Down Wind of Dumpster	970L	4/22/15 8:40am 4:45pm
S484	(b)(4) Cleaning the 11th floor SC exterior (Grit)	910L	4/22/15 8:55am 4:30pm
S485	Down Wind of Grit Clean Up	910L	4/22/15 8:55am 4:30pm
S486	Blank	0L	4/22/15

Client Sample #'s S482 - S486 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 4/22/15 **Time:** 5:30 pm

Received (L(b)(4)**ate:** 4/24/15 **Time:** 9am

Comments:

Page 1 of 1 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
Preserved with HNO_3 pH < 2 ☐	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-14	Inside 16th Fl Soft Core SE	9X16 Gusset	4/23/15
BL-15	Inside 16th Fl Soft Core SC	9X16 Gusset	4/23/15
BL-16	Inside 16th Fl Soft Core SW	9X16 Gusset	4/23/15
BL-17	Inside 16th Fl Soft Core SCW	9X16 Gusset	4/18/15
BL-18	Inside 16th Fl Soft Core SCE	9X16 Gusset	4/18/15

Client Sample #'s BL-14 THRU BC-23 **Total # of Samples:** 10

Relinquished (Client): (b)(4)	**Date:**	4/23/15	**Time:**	5:30 pm
Received (Lab):	**Date:**	4/24/15	**Time:**	8:58AM
Comments:				

Page 1 of 1 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-19	Inside 16th Fl Soft Core Top Hand Rail Stairs N.	1.25X115.25	4/183/15
BL-20	Inside 16th Fl Soft Core Bottom Hand Rail Stairs N.	1.25X115.25	4/18/15
BL-21	Inside 16th Fl Soft Core NE	9X16 Gusset	4/18/15
BL-22	Inside 16th Fl Soft Core NW	9X16 Gusset	4/18/15
BL-23	Inside 16th Fl Soft Core Light	8.5X17 West Elev	4/23/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 4, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**361**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 Air & Wipe Samples Collected 4-23 thu

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Air Samples Collected 4-23-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 4-25-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected 4-27-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 12th Floor 4-27-15	OHC	3	3.4.1.1.c	-	-	-
5	Wipe Samples Collected 13th Floor 4-27-15	OHC	3	3.4.1.1.c	-	-	-
6	Wipe Samples Collected 15th floor 4/25/15	OHC	3	3.4.1.1.c	-	-	-
7	Wipe Samples Collected 14th Floor 4-25-15	OHC	3	3.4.1.1.c	-	-	-
-	Items 4, 5, 6 & 7 work preformed by others.	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/28/15 8:58 AM
Collected: 4/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S487 *341504055-0005*	4/23/2015	4/28/2015	3420 L Site: 10th Fl Stairwell	1.2 µg/m³	<1.2 µg/m³
S488 *341504055-0006*	4/23/2015	4/28/2015	3440 L Site: 11th Fl Stairwell	1.2 µg/m³	<1.2 µg/m³
S489 *341504055-0007*	4/23/2015	4/28/2015	3496 L Site: 14th Fl Above the Decon	1.1 µg/m³	<1.1 µg/m³
S490 *341504055-0008*	4/23/2015	4/28/2015	3500 L Site: 13th Fl Outside the Decon	1.1 µg/m³	<1.1 µg/m³
S491 *341504055-0009*	4/23/2015	4/28/2015	3520 L Site: 12th Fl Below the Decon	1.1 µg/m³	<1.1 µg/m³
S492 *341504055-0010*	4/23/2015	4/28/2015	800 L Site: (b)(4) Prepping Inside South Containment	5.0 µg/m³	<5.0 µg/m³
S493 *341504055-0011*	4/23/2015	4/28/2015	800 L Site: (b)(4) Prepping Inside South Containment	5.0 µg/m³	<5.0 µg/m³
S494 *341504055-0012*	4/23/2015	4/28/2015	700 L Site: on the 15th Floor Below Where ADS is Cutting the G	5.7 µg/m³	<5.7 µg/m³
S495 *341504055-0013*	4/23/2015	4/28/2015	0 L Site: Blank	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/28/2015 14:05:14

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0 01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S487	10th Fl Stairwell	3420L	4/23-24/15 10.45am 3:15pm
S488	11th Fl Stairwell	3440L	4/23-24/15 10:36am 3:16pm
S489	14th Fl Above the Decon	3496L	4/23-24/15 10.12am 3 20pm
S490	13th Fl Outside the Decon	3500L	4/23-24/15 10:15am 3:25pm
S491	12th Fl Below the Decon	3520L	4/23-24/15 10:25am 3:45pm

Client Sample #'s S487 - S495 SCGW189 - SCGW192 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 4/24/15 **Time:** 5:30 pm

Received (Lab): **Date:** 4/28/15 **Time:** 8:58

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S492	(b)(4) Prepping Inside the South Containment	800L	4/23/15 9:25am 4:05pm
S493	(b)(4) Prepping Inside the South Containment	800L	4/23/15 9:25am 4:05pm
S494	On the 15th Floor below were ADS is cutting the Grating for Doleac	700L	4/23/15 10:10am 4 00pm
S495	Blank	0L	4/23/15
SCGW189	Inside 13th Fl Decon	12X12	4/23/15
SCGW190	Outside 13th Fl Decon	12x12	4/23/15
SCGW191	Inside 13th Fl Decon	12x12	4/24/15
SCGW192	Outside 13th Fl Decon	12x12	4/24/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/28/15 8:58 AM
Collected: 4/25/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
S496	4/25/2015	4/28/2015	902 L	4.4 µg/m³	<4.4 µg/m³
341504054-0003	Site: 10th Fl Stairwell				
S497	4/25/2015	4/28/2015	904 L	4.4 µg/m³	<4.4 µg/m³
341504054-0004	Site: 11th Fl Stairwell				
S498	4/25/2015	4/28/2015	770 L	5.2 µg/m³	<5.2 µg/m³
341504054-0005	Site: 14th Fl Above the Decon				
S499	4/25/2015	4/28/2015	790 L	5.1 µg/m³	<5.1 µg/m³
341504054-0006	Site: 13th Fl Outside the Decon				
S500	4/25/2015	4/28/2015	828 L	4.8 µg/m³	<4.8 µg/m³
341504054-0007	Site: 12th Fl Below the Decon				
S501	4/25/2015	4/28/2015	896 L	4.5 µg/m³	<4.5 µg/m³
341504054-0008	Site: (b)(4) Prepping Inside South Containment				
S502	4/25/2015	4/28/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504054-0009	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/28/2015 14:40:36

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S496	10th Fl Stairwell	902L	4/25/15 8:12am 3:43pm
S497	11th Fl Stairwell	904L	4/25/15 8:10am 3:42pm
S498	14th Fl Above the Decon	770L	4/25/15 8:40am 3:15pm
S499	13th Fl Outside the Decon	790L	4/25/15 8:43am 3:18pm
S500	12th Fl Below the Decon	828L	4/25/15 8.47am 3:41pm

Client Sample #'s - **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 4/25/15 **Time:** 5:30 pm

Received (Lab): **Date:** 4/28/15 **Time:** 8:58

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S501	(b)(4) Prepping Inside the South Containment	896L	4/25/15 7:50am 3:18pm
S502	Blank	0L	4/25/15
SCGW193	Inside 13th Fl Decon	12X12	4/25/15
SCGW194	Outside 13th Fl Decon	12X12	4/25/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/29/15 9:21 AM
Collected: 4/27/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S503 *341504125-0003*	4/27/2015	4/29/2015 Site: 10th Fl Stairwell	940 L	4.3 µg/m³	<4.3 µg/m³
S504 *341504125-0004*	4/27/2015	4/29/2015 Site: 11th Fl Stairwell	936 L	4.3 µg/m³	<4.3 µg/m³
S505 *341504125-0005*	4/27/2015	4/29/2015 Site: 14th Fl Above the Decon	900 L	4.4 µg/m³	<4.4 µg/m³
S506 *341504125-0006*	4/27/2015	4/29/2015 Site: 13th Fl Outside the Decon	914 L	4.4 µg/m³	<4.4 µg/m³
S507 *341504125-0007*	4/27/2015	4/29/2015 Site: 12th Fl Below the Decon	936 L	4.3 µg/m³	<4.3 µg/m³
S508 *341504125-0008*	4/27/2015	4/29/2015 Site: (b)(4) Prepping Inside South Containmen	380 L	11 µg/m³	<11 µg/m³
S509 *341504125-0009*	4/27/2015	4/29/2015 Site: (b)(4) Disconnecting Dust Collector Tubing	380 L	11 µg/m³	<11 µg/m³
S510 *341504125-0010*	4/27/2015	4/29/2015 Site: Blank	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/29/2015 13:05:44

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S503	10th Fl Stairwell	940L	4/27/15 8:15am 4:05pm
S504	11th Fl Stairwell	936L	4/27/15 8:14am 4:02pm
S505	14th Fl Above the Decon	900L	4/27/15 8:25am 3:55pm
S506	13th Fl Outside the Decon	914L	4/27/15 8:20am 3:57pm
S507	12th Fl Below the Decon	936L	4/27/15 8:12am 4:00pm

Client Sample #'s - **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/27/15 **Time:** 5:30 pm

Received ((b)(4) **Date:** 4/29/15 **Time:** 9:21 am

Comments

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S508	(b)(4) Prepping Inside the South Containment	380L	4/27/15 8,20am 11.30am
S509	(b)(4) /Disconnecting the dust collector tubing	380L	4/27/15 8:20am 11:30am
S510	Blank	0L	4/27/15
SCGW195	Inside 13th Fl Decon	12X12	4/27/15
SCGW196	Outside 13th Fl Decon	12X12	4/27/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/29/15 9:21 AM
Collected: 4/27/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
BL-42 *341504127-0001*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	340 µg/ft²
	Site: Inside 12th Fl Soft Core SC				
BL-43 *341504127-0002*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	500 µg/ft²
	Site: Inside 12th Fl Soft Core SW				
BL-44 *341504127-0003*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	93 µg/ft²
	Site: Inside 12th Fl Soft Core SCW				
BL-45 *341504127-0004*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	140 µg/ft²
	Site: Inside 12th Fl Soft Core Top Handrail Stairs				
BL-46 *341504127-0005*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	880 µg/ft²
	Site: Inside 12th Fl Soft Core Bottom Handrail Stairs				
BL-47 *341504127-0006*	4/27/2015	4/30/2015	144.5 in²	10 µg/ft²	600 µg/ft²
	Site: Inside 12th Fl Soft Core NE				
BL-48 *341504127-0007*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	68 µg/ft²
	Site: Inside 12th Fl Soft Core NCW				
BL-49 *341504127-0008*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	840 µg/ft²
	Site: Inside 12th Fl Soft Core NW				
BL-50 *341504127-0009*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	66 µg/ft²
	Site: Inside 12th Fl Soft Core NC				
BL-51 *341504127-0010*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	340 µg/ft²
	Site: Inside 12th Fl Soft Core NE				
BL-52 *341504127-0011*	4/27/2015	4/30/2015	144 in²	10 µg/ft²	200 µg/ft²
	Site: Inside 12th Fl Soft Core NCE				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/30/2015 11:29:52

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area /	Date/Time Sampled
BL-42	Inside 12th Fl Soft Core SC	9X16 Gusset	4/27/15
BL-43	Inside 12th Fl Soft Core SW	9X16 Gusset	4/27/15
BL-44	Inside 12th Fl Soft Core SCW	9X16 Gusset	4/27/15
BL-45	Inside 12th Fl Soft Core Top Hand Rail Stairs	1.25X115.25	4/27/15
BL-46	Inside 12th Fl Soft Core Bottom Hand Rail Stairs	1.25X115.25	4/27/15

Client Sample #'s BL-42 - BL-52 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 4/27/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 4/29/15 **Time:** 9:21 am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-47	Inside 12th Fl Soft Core NE	8.5X17 Light	4/27/15
BL-48	Inside 12th Fl Soft Core NCW	9X16 Gusset	4/27/15
BL-49	Inside 12th Fl Soft Core NW	9X16 Gusset	4/27/15
BL-50	Inside 12th Fl Soft Core NC	9X16 Gusset	4/27/15
BL-51	Inside 12th Fl Soft Core NE	9X16 Gusset	4/27/15
BL-52	Inside 12th Fl Soft Core NCE	9X16 Gusset	4/27/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/29/15 9:21 AM
Collected: 4/27/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW195	4/27/2015	4/29/2015	144 in²	10 µg/ft²	190 µg/ft²
341504125-0001	Site: Inside 13th Fl Decon				
SCGW196	4/27/2015	4/29/2015	144 in²	10 µg/ft²	1100 µg/ft²
341504125-0002	Site: Outside 13th Fl Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/29/2015 11:56:01

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hrs ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S503	10th Fl Stairwell	940L	4/27/15 8:15am 4:05pm
S504	11th Fl Stairwell	936L	4/27/15 8:14am 4:02pm
S505	14th Fl Above the Decon	900L	4/27/15 8:25am 3:55pm
S506	13th Fl Outside the Decon	914L	4/27/15 8:20am 3:57pm
S507	12th Fl Below the Decon	936L	4/27/15 8:12am 4:00pm

Client Sample #'s **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 4/27/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 4/29/15 **Time:** 9:2 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY | PRODUCTS | TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S508	(b)(4) Prepping Inside the South Containment	380L	4/27/15 8,20am 11.30am
S509	(b)(4) Disconnecting the dust collector tubing	380L	4/27/15 8:20am 11:30am
S510	Blank	0L	4/27/15
SCGW195	Inside 13th Fl Decon	12X12	4/27/15
SCGW196	Outside 13th Fl Decon	12X12	4/27/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: [redacted]
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: [redacted]
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/28/15 8:58 AM
Collected: 4/25/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-24 *341504060-0001*	4/25/2015	4/28/2015	144.5 in²	10 µg/ft²	8300 µg/ft²
	Site: Inside 15th Fl Soft Core Light				
BL-25 *341504060-0002*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	500 µg/ft²
	Site: Inside 15th Fl Soft Core SCW				
BL-26 *341504060-0003*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	11000 µg/ft²
	Site: Inside 15th Fl Soft Core SCE				
BL-27 *341504060-0004*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	14000 µg/ft²
	Site: Inside 15th Fl Soft Core SE				
BL-28 *341504060-0005*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	210 µg/ft²
	Site: Inside 15th Fl Soft Core Top Handrail Stairs NE				
BL-29 *341504060-0006*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	1100 µg/ft²
	Site: Inside 15th Fl Soft Core Bottom Handrail Stairs NE				
BL-30 *341504060-0007*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	3400 µg/ft²
	Site: Inside 15th Fl Soft Core NE				
BL-31 *341504060-0008*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	4700 µg/ft²
	Site: Inside 15th Fl Soft Core NE				
BL-32 *341504060-0009*	4/25/2015	4/28/2015	144 in²	10 µg/ft²	1100 µg/ft²
	Site: Inside 15th Fl Soft Core NCW				
BL-33 *341504060-0010*	4/25/2015	4/28/2015	145 in²	9.9 µg/ft²	4700 µg/ft²
	Site: Inside 15th Fl Soft Core NC				
BL-34 *341504060-0011*	4/25/2015	4/28/2015	145 in²	9.9 µg/ft²	9500 µg/ft²
	Site: Inside 15th Fl Soft Core SC				

[redacted]
[redacted] Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/29/2015 13:16:12

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same *If Bill to is Different note instructions in Comments***
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ **If no box is checked, non-ASTM Wipe is assumed*	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-24	Inside 15th Fl Soft Core Light	8.5X17 West Elev	4/25/15
BL-25	Inside 15th Fl Soft Core SCW	9X16 Gusset	4/25/15
BL-26	Inside 15th Fl Soft Core SCE	9X16 Gusset	4/25/15
BL-27	Inside 15th Fl Soft Core SE	12X12 I Beam	4/25/15
BL-28	Inside 15th Fl Soft Core Top Hand Rail Stairs NE	1.25X115.25	4/25/15

Client Sample #'s BL-24- BL-34 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 4/25/15 **Time:** 5:30 pm

Received (Lab): **Date:** 4/28/15 **Time:** 8:58

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-29	Inside 15th Fl Soft Core Bottom Hand Rail Stairs	1.25X115.25	4/25/15
BL-30	Inside 15th Fl Soft Core NE	12X12 I Beam	4/25/15
BL-31	Inside 15th Fl Soft Core NE	9X16 Gusset	4/25/15
BL-32	Inside 15th Fl Soft Core NCW	9X16 Gusset	4/25/15
BL-33	Inside 15th Fl Soft Core NC	10X14.5 I Beam	4/25/15
BL-34	Inside 15th Fl Soft Core SC	10X14.5 I Beam	4/25/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 04/28/15 8:58 AM
Collected: 4/25/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
BL-35	4/25/2015	4/28/2015	144 in²	10 µg/ft²	2100 µg/ft²
341504059-0001	Site: Inside 14th Fl Soft Core SCW				
BL-36	4/25/2015	4/28/2015	144 in²	10 µg/ft²	5500 µg/ft²
341504059-0002	Site: Inside 14th Fl Soft Core SCE				
BL-37	4/25/2015	4/28/2015	144 in²	10 µg/ft²	190 µg/ft²
341504059-0003	Site: Inside 14th Fl Soft Core Top Handrail Stairs SE				
BL-38	4/25/2015	4/28/2015	144 in²	10 µg/ft²	170 µg/ft²
341504059-0004	Site: Inside 14th Fl Soft Core Bottom Handrail Stairs SE				
BL-39	4/25/2015	4/28/2015	144.5 in²	10 µg/ft²	2300 µg/ft²
341504059-0005	Site: Inside 14th Fl Soft Core Center				
BL-40	4/25/2015	4/28/2015	144 in²	10 µg/ft²	1100 µg/ft²
341504059-0006	Site: Inside 14th Fl Soft Core NCE				
BL-41	4/25/2015	4/28/2015	144 in²	10 µg/ft²	240 µg/ft²
341504059-0007	Site: Inside 14th Fl Soft Core NCW				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 04/29/2015 13:14:46

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name (b)(4)		**Telephone #:** 813-626-8156	
Email Address:		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-35	Inside 14th Fl Soft Core SCW	9X16 Gusset	4/25/15
BL-36	Inside 14th Fl Soft Core SCE	9X16 Gusset	4/25/15
BL-37	Inside 14th Fl Soft Core Top Hand Rail Stairs SE	1.25X115.25	4/25/15
BL-38	Inside 14th Fl Soft Core Bottom Hand Rail Stairs SE	1.25X115.25	4/25/15
BL-39	Inside 14th Fl Soft Core Center	8.5X17 Light	4/25/15

Client Sample #'s BL-35 → BL-41 **Total # of Samples:** 7

Relinquished (Client): (b)(4) **Date:** 4/25/15 **Time:** 5:30 pm

Received (Lab): **Date:** 4/28/15 **Time:** 8:58

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only).*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-40	Inside 14th Fl Soft Core NCE	9X16 Gusset	4/25/15
BL-41	Inside 14th Fl Soft Core NCW	9X16 Gusset	4/25/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 6, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**362**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air & Wipe Samples Collected	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 5-1-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 5-2-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected 5-4-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 5-1-15	OHC	3	3.4.1.1.c	-	-	-
5	Wipe Samples Collected 5-2-15	OHC	3	3.4.1.1.c	-	-	-
6	Background Samples Collected for database only 4-30	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/05/15 8:53 AM
Collected: 5/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S517	5/1/2015	5/5/2015	816 L	4.9 µg/m³	<4.9 µg/m³
341504344-0003	Site: 14th Fl Above the Decon				
S518	5/1/2015	5/5/2015	816 L	4.9 µg/m³	<4.9 µg/m³
341504344-0004	Site: 13th Fl Outside the Decon				
S519	5/1/2015	5/5/2015	816 L	4.9 µg/m³	<4.9 µg/m³
341504344-0005	Site: 12th Fl Below the Decon				
S520	5/1/2015	5/5/2015	816 L	4.9 µg/m³	<4.9 µg/m³
341504344-0006	Site: 11th Fl Stairwell				
S521	5/1/2015	5/5/2015	816 L	4.9 µg/m³	<4.9 µg/m³
341504344-0007	Site: 10th Fl Stairwell				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 15:01:15

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Nam (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S517	14th Fl Above the Decon	816L	5/01/15 9:02am 3:50pm
S518	13th Fl Outside the Decon	816L	5/01/15 9:04am 3;52pm
S519	12th Fl Below the Decon	816L	5/01/15 9:06am 3:54pm
S520	11th Fl Stairwell	816L	5/01/15 9:08am 3:56pm
S521	10th Fl Stairwell	816L	5/01/15 9:10am 3:58pm

Client Sample #'s - **Total # of Samples:** 7

Relinquished (Client): (b)(4) **Date:** 5/01/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date:** 5/5/15 **Time:** 853am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW197	Inside the 13th Floor Decon	12x12	5/01/15
SCGW198	Outside the 13th Floor Decon	12x12	5/01/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/05/15 8:53 AM
Collected: 5/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S522	5/2/2015	5/5/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341504340-0003	Site: 14th Fl Above the Decon				
S523	5/2/2015	5/5/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341504340-0004	Site: 13th Fl Outside the Decon				
S524	5/2/2015	5/5/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341504340-0005	Site: 12th Fl Below the Decon				
S525	5/2/2015	5/5/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341504340-0006	Site: 11th Fl Stairwell				
S526	5/2/2015	5/5/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341504340-0007	Site: 10th Fl Stairwell				
S527	5/2/2015	5/5/2015	710 L	5.6 µg/m³	<5.6 µg/m³
341504340-0008	Site: (b)(4) RC/Grinding on Exterior of Corvette				
S528	5/2/2015	5/5/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504340-0009	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 14:46:41

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr ☑ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S522	14th Fl Above the Decon	800L	5/02/15 8:50am 3:30pm
S523	13th Fl Outside the Decon	800L	5/02/15 8:52am 3:32pm
S524	12th Fl Below the Decon	800L	5/02/15 8:54am 3:34pm
S525	11th Fl Stairwell	800L	5/02/15 8:56am 3:36pm
S526	10th Fl Stairwell	800L	5/02/15 8:58am 3.38pm

Client Sample #'s S522 - S528 / SC6W199 SC6W200 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 5/02/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date:** 5/5/15 **Time:** 953am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S527	(b)(4) (RC)/Grinding on Exterior of the Corvette	710L	5/02/15 9:45am 3.40pm
S528	Blank	0L	5/02/15
SCGW199	Inside the 13th Floor Decon	12x12	5/02/15
SCGW200	Outside the 13th Floor Decon	12x12	5/02/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/05/15 8:53 AM
Collected: 5/4/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S529	5/4/2015	5/5/2015	678 L	5.9 µg/m³	<5.9 µg/m³
341504353-0001	Site: 14th Fl Above the Decon				
S530	5/4/2015	5/5/2015	678 L	5.9 µg/m³	<5.9 µg/m³
341504353-0002	Site: 13th Fl Outside the Decon				
S531	5/4/2015	5/5/2015	678 L	5.9 µg/m³	<5.9 µg/m³
341504353-0003	Site: 12th Fl Below the Decon				
S532	5/4/2015	5/5/2015	678 L	5.9 µg/m³	<5.9 µg/m³
341504353-0004	Site: 11th Fl Stairwell				
S533	5/4/2015	5/5/2015	678 L	5.9 µg/m³	<5.9 µg/m³
341504353-0005	Site: 10th Fl Stairwell				
S534	5/4/2015	5/5/2015	750 L	5.3 µg/m³	<5.3 µg/m³
341504353-0006	Site: (b)(4) ADS/Spot Abatement 9th Fl SE Exter				
S535	5/4/2015	5/5/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504353-0007	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 15:02:25

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S529	14th Fl Above the Decon	678L	5/04/15 9:21am 3:00pm
S530	13th Fl Outside the Decon	678L	5/04/15 9:23am 3:02pm
S531	12th Fl Below the Decon	678L	5/04/15 9.25am 3:04pm
S532	11th Fl Stairwell	678L	5/04/15 9:27am 3:06pm
S533	10th Fl Stairwell	678L	5/04/15 9:29am 3:08pm

Client Sample #'s S529 - S535 **Total # of Samples:** 7

Relinquished (Client): (b)(4) **Date:** 5/04/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 5/5/15 **Time:** 8:53am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S534	(b)(4) (ADS)/Spot abatement 9th Floor SE Exterior Hand Rails	750 L	5/04/15 8:40am 2:55pm
S535	Blank	0L	5/04/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/05/15 8:53 AM
Collected: 5/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW197	5/1/2015	5/5/2015	144 in²	10 µg/ft²	42 µg/ft²
341504344-0001	Site: Inside 13th Floor Decon				
SCGW198	5/1/2015	5/5/2015	144 in²	10 µg/ft²	89 µg/ft²
341504344-0002	Site: Outside 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 11:32:23

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S517	14th Fl Above the Decon	816L	5/01/15 9:02am 3:50pm
S518	13th Fl Outside the Decon	816L	5/01/15 9:04am 3:52pm
S519	12th Fl Below the Decon	816L	5/01/15 9:06am 3:54pm
S520	11th Fl Stairwell	816L	5/01/15 9:08am 3:56pm
S521	10th Fl Stairwell	816L	5/01/15 9:10am 3:58pm

Client Sample #'s - **Total # of Samples:** 7

Relinquished (Client): (b)(4) **Date:** 5/01/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date:** 5/5/15 **Time:** 853am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
SCGW197	Inside the 13th Floor Decon	12x12	5/01/15
SCGW198	Outside the 13th Floor Decon	12x12	5/01/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/05/15 8:53 AM
Collected: 5/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW199	5/2/2015	5/5/2015	144 in²	10 µg/ft²	80 µg/ft²
341504340-0001	Site: Inside 13th Floor Decon				
SCGW200	5/2/2015	5/5/2015	144 in²	10 µg/ft²	220 µg/ft²
341504340-0002	Site: Outside 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 11:31:02

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S522	14th Fl Above the Decon	800L	5/02/15 8:50am 3:30pm
S523	13th Fl Outside the Decon	800L	5/02/15 8:52am 3:32pm
S524	12th Fl Below the Decon	800L	5/02/15 8:54am 3:34pm
S525	11th Fl Stairwell	800L	5/02/15 8:56am 3:36pm
S526	10th Fl Stairwell	800L	5/02/15 8:58am 3.38pm

Client Sample #'s S522 - S520 / SC6W199 SC6W200 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 5/02/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date:** 5/5/15 **Time:** 953am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S527	(b)(4) (RC)/Grinding on Exterior of the Corvette	710L	5/02/15 9:45am 3.40pm
S528	Blank	0L	5/02/15
SCGW199	Inside the 13th Floor Decon	12x12	5/02/15
SCGW200	Outside the 13th Floor Decon	12x12	5/02/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/04/15 9:31 AM
Collected: 4/30/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-53	4/30/2015	5/5/2015	144 in²	10 µg/ft²	440 µg/ft²
341504288-0001	Site: Inside 19th Fl Soft Core SCE				
BL-54	4/30/2015	5/5/2015	144 in²	10 µg/ft²	290 µg/ft²
341504288-0002	Site: Inside 19th Fl Soft Core SE				
BL-55	4/30/2015	5/5/2015	144 in²	10 µg/ft²	320 µg/ft²
341504288-0003	Site: Inside 19th Fl Soft Core SC				
BL-56	4/30/2015	5/5/2015	144 in²	10 µg/ft²	39 µg/ft²
341504288-0004	Site: Inside 19th Fl Soft Core SW				
BL-57	4/30/2015	5/5/2015	144 in²	10 µg/ft²	75 µg/ft²
341504288-0005	Site: Inside 19th Fl Soft Core SCW				
BL-58	4/30/2015	5/5/2015	144 in²	10 µg/ft²	150 µg/ft²
341504288-0006	Site: Inside 19th Fl Soft Core NCW				
BL-59	4/30/2015	5/5/2015	144 in²	10 µg/ft²	180 µg/ft²
341504288-0007	Site: Inside 19th Fl Soft Core NW				
BL-60	4/30/2015	5/5/2015	144 in²	10 µg/ft²	360 µg/ft²
341504288-0008	Site: Inside 19th Fl Soft Core NCE				
BL-61	4/30/2015	5/5/2015	144 in²	10 µg/ft²	2000 µg/ft²
341504288-0009	Site: Inside 19th Fl Soft Core NE				
BL-62	4/30/2015	5/5/2015	144 in²	10 µg/ft²	1700 µg/ft²
341504288-0010	Site: Inside 19th Fl Soft Core NCW				
BL-63	4/30/2015	5/5/2015	144 in²	10 µg/ft²	51 µg/ft²
341504288-0011	Site: Inside 19th Fl Soft Core Top Handrails Stairs				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 11:26:57

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/04/15 9:31 AM
Collected: 4/30/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-64	4/30/2015	5/5/2015	144 in²	10 µg/ft²	120 µg/ft²
341504288-0012	Site: Inside 19th Fl Soft Core Bottom Handrails Stairs				
BL-65	4/30/2015	5/5/2015	144.5 in²	10 µg/ft²	25 µg/ft²
341504288-0013	Site: Inside 19th Fl Soft Core SW				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/05/2015 11:26:57

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-53	Inside 19th Fl Soft Core SCE	9X16 Gusset	4/30/15
BL-54	Inside 19th Fl Soft Core SE	9X16 Gusset	4/30/15
BL-55	Inside 19th Fl Soft Core SC	8X18 Gusset	4/30/15
BL-56	Inside 19th Fl Soft Core SW	9X16 Gusset	4/30/15
BL-57	Inside 19th Fl Soft Core SCW	9X16 Gusset	4/30/15

Client Sample #'s BL-53 - BL-65 **Total # of Samples:** 13

Relinquished (Client): (b)(4) **Date:** 4/30/15 **Time:** 5:30 pm

Received (Lab): **Date:** 5/4/15 **Time:** 9:31 AM

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-58	Inside 19th Fl Soft Core NCW	9X16 Gusset	4/30/15
BL-59	Inside 19th Fl Soft Core NW	9X16 Gusset	4/30/15
BL-60	Inside 19th Fl Soft Core NCE	9X16 Gusset	4/30/15
BL-61	Inside 19th Fl Soft Core NE	9X16 Gusset	4/30/15
BL-62	Inside 19th Fl Soft Core NCW	9X16 Gusset	4/30/15
BL-63	Inside 19th Fl Soft Core Top Hand Rail Stairs	1.25X115.25	4/30/15
BL-64	Inside 19th Fl Soft Core Bottom Hand Rail Stairs	1.25X115.25	4/30/15
BL-65	Inside 19th Fl Soft Core SW	8.5X17 Light	4/30/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 11, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**365**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air & Wipe Samples Collected	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 5-5-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 5-6-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 5-6-15	OHC	3	3.4.1.1.c	-	-	-
4	Wipe Samples Collected 5-7-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/06/15 9:17 AM
Collected: 5/5/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S536	5/5/2015	5/7/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341504390-0003	Site: 14th Fl Above the Decon				
S537	5/5/2015	5/7/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341504390-0004	Site: 13th Fl Outside the Decon				
S538	5/5/2015	5/7/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341504390-0005	Site: 12th Fl Below the Decon				
S539	5/5/2015	5/7/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341504390-0006	Site: 11th Fl Stairwell				
S540	5/5/2015	5/7/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341504390-0007	Site: 10th Fl Stairwell				
S541	5/5/2015	5/7/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504390-0008	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/07/2015 12:59:40

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hrs. **ASTM** ☒ **non ASTM** ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0 075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S536	14th Fl Above the Decon	760L	5/05/15 7:20am 1:40pm
S537	13th Fl Outside the Decon	760L	5/05/15 7:22am 1:42pm
S538	12th Fl Below the Decon	760L	5/05/157:24am 1:44pm
S539	11th Fl Stairwell	760L	5/05/15 7:26am 1.46pm
S540	10th Fl Stairwell	760L	5/05/15 7:28am 1:48am

Client Sample #'s - **Total # of Samples:** 8

Relinquished (Client): (b)(4)	**Date:** 5/05/15	**Time:** 5:30 pm
Received (Lab):	**Date:** 5-6-15	**Time:** 9:17am
Comments:		

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S541	Blank	0L	5/05/15
SCGW201	Inside the 13th Floor Decon	12x12	5/04/15
SCGW202	Outside the 13th Floor Decon	12x12	5/04/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/07/15 8:41 AM
Collected: 5/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S542	5/6/2015	5/7/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341504431-0003	Site: 14th Fl Above the Decon				
S543	5/6/2015	5/7/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341504431-0004	Site: 13th Fl Outside the Decon				
S544	5/6/2015	5/7/2015	930 L	4.3 µg/m³	<4.3 µg/m³
341504431-0005	Site: 12th Fl Below the Decon				
S545	5/6/2015	5/7/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341504431-0006	Site: 11th Fl Stairwell				
S546	5/6/2015	5/7/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341504431-0007	Site: 10th Fl Stairwell				
S547	5/6/2015	5/7/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341504431-0008	Site: ADS (b)(4)				
S548	5/6/2015	5/7/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504431-0009	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/07/2015 13:35:27

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S542	14th Fl Above the Decon	930	5/06/15 1455
S543	13th Fl Outside the Decon	930	5/06/15 1500
S544	12th Fl Below the Decon	930	5/06/15 1505
S545	11th Fl Stairwell	940	5/06/15 1515
S546	10th Fl Stairwell	940	5/06/15 1520

Client Sample #'s S542 - S548 SCGW 203 + SCGW204 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 5/06/15 **Time:** 5:30 pm

Received (La (b)(4) **ate:** 5/7/15 **Time:** 8:41 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S547	(ADS)/ (b)(4)	910	5/06/15 1450
S548	Blank	0L	5/06/15
SCGW203	Inside the 13th Floor Decon	12x12	5/06/15
SCGW204	Outside the 13th Floor Decon	12x12	5/06/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/07/15 8:41 AM
Collected: 5/6/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW203	5/6/2015	5/7/2015	144 in²	10 µg/ft²	16 µg/ft²
341504431-0001	Site: Inside the 13th Floor Decon				
SCGW204	5/6/2015	5/7/2015	144 in²	10 µg/ft²	40 µg/ft²
341504431-0002	Site: Outside the 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/07/2015 11:03:07

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ■ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S542	14th Fl Above the Decon	930	5/06/15 1455
S543	13th Fl Outside the Decon	930	5/06/15 1500
S544	12th Fl Below the Decon	930	5/06/15 1505
S545	11th Fl Stairwell	940	5/06/15 1515
S546	10th Fl Stairwell	940	5/06/15 1520

Client Sample #'s S542 - S548 SCGW 203 + SCGW 204 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 5/06/15 **Time:** 5:30 pm

Received (La (b)(4) **ate:** 5/7/15 **Time:** 8:41 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S547	(ADS)/ (b)(4)	910	5/06/15 718 1450
S548	Blank	0L	5/06/15
SCGW203	Inside the 13th Floor Decon	12x12	5/06/15
SCGW204	Outside the 13th Floor Decon	12x12	5/06/15

Comments/Special Instructions:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/08/15 10:18 AM
Collected: 5/7/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW205	5/7/2015	5/8/2015	144 in²	10 µg/ft²	21 µg/ft²
341504495-0001	Site: Inside the 13th Floor Decon				
SCGW206	5/7/2015	5/8/2015	144 in²	10 µg/ft²	<10 µg/ft²
341504495-0002	Site: Outside the 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/08/2015 13:26:02

OrderID: (b)(4)

TRK # 7950 3273 8270

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1 0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S549	14TH Floor Above the decon	960	5-7-15 0700 / 1500
S550	13TH Floor Outside the decon	960	5-7-15 0705 / 1505
S551	12TH Floor Below the decon	960	5-7-15 0710 / 1510
S552	11TH Floor IN Stairwell	954	5-7-15 0715 / 1512
S553	10TH Floor IN Stairwell	950	5-7-15 0720 / 1515

Client Sample #'s **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 5/07/15 **Time:** 4:30 pm

Received (Lab): **Date:** 5-8-15 **Time:** 10:20am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S554	ADS (b)(4)	940	5-7-15 1405 1455
S555	BLANK		5-7-15
S556	ADS (b)(4)	260	5-7-15 1500 1510
SCGW 205	Inside the 13th Floor Decon	12x12	5-7-15
SCGW 206	Outside the 13th Floor Decon	12x12	5-7-15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 12, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**367**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 Air & Wipe Samples Collected 4-30--5-8	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 4-30-15 & Attached OHC Letter	OHC	3	3.4.1.1.C	-	-	
2	Air Samples Collected 5-7-15	OHC	3	-	-	-	-
3	Air Samples Collected 5-8-15	OHC	3	-	-	-	-
4	Wipe Samples Collected 5-8-15	OHC	3	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: #VALUE!

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/04/15 9:31 AM
Collected: 4/30/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S513	4/30/2015	5/4/2015	1070 L	3.7 µg/m³	420 µg/m³
341504287-0001	Site: (b)(4) HPS Man-lift Cutting Pipe Hanger East				
S514	4/30/2015	5/4/2015	990 L	4.0 µg/m³	<4.0 µg/m³
341504287-0002	Site: 15' Downwind of Dust Collector				
S515	4/30/2015	5/4/2015	186 L	22 µg/m³	<22 µg/m³
341504287-0003	Site: (b)(4) ADS Separating the Dust Collector				
S516	4/30/2015	5/4/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504287-0004	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/04/2015 16:57:51

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0 03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S513	(b)(4) (HPA)/Man-lift Cutting Pipe Hanger East Pier	1070L	4/30/15 7:35am 4:30pm
S514	15 feet down wind of Dust Collector	990L	4/30/15 7:40am 3:55pm
S515	(b)(4) (ADS) seperating the Dust Colletor	186L	4/30/15 2.22pm 3:55pm
S516	Blank	0L	4/30/15

Client Sample #'s S513 - S516 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 4/30/15 **Time:** 5:30 pm

Received (Lab): **Date:** 5/4/15 **Time:** 9:31 AM

Comments:

5420 Bay Center Dr. Suite 100
Tampa, FL 33609
Phone: 813.626.8156
Fax: 813.623.6702
www.ohcnet.com

May 6th, 2015

(b)(4)
Harry Pepper and Associates
Stennis Space Center

Re: (b)(4) **PPE**

Dear (b)(4)

On April 29 and 30, 2015 OHC collected personnel samples on (b)(4) (HPA) while he torch cut the interior radius of a pipe hanger on the East Pier. (b)(4) has a current pulmonary physical and a current fit test as well as lead awareness training. Before cutting the pipe, OHC requested (b)(4) to wear a half-face respirator and use a fan to blow fumes away from him while he was cutting the metal pipe. Before any torching activities began, OHC and (b)(4) determined that a Tyvek suit may catch fire and be too dangerous for use, therefore a Tyvek suit was not worn. OHC observed (b)(4) utilizing his half-face, then performed a positive and negative fit test on himself. (b)(4) was clean shaven at the time of this work.

Sincerely,

OHC Environmental Engineering Inc.

(b)(4)
Industrial Hygienist

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/08/15 10:18 AM
Collected: 5/7/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S549	5/7/2015	5/8/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341504495-0003	Site: 14th Floor Above the Decon				
S550	5/7/2015	5/8/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341504495-0004	Site: 13th Floor Outside the Decon				
S551	5/7/2015	5/8/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341504495-0005	Site: 12th Floor Below the Decon				
S552	5/7/2015	5/8/2015	954 L	4.2 µg/m³	<4.2 µg/m³
341504495-0006	Site: 11th Floor in Stairwell				
S553	5/7/2015	5/8/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341504495-0007	Site: 10th Floor in Stairwell				
S554	5/7/2015	5/8/2015	940 L	4.3 µg/m³	<4.3 µg/m³
341504495-0008	Site: ADS (b)(4)				
S555	5/7/2015	5/8/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341504495-0009	Site: Blank				
S556	5/7/2015	5/8/2015	260 L	15 µg/m³	640 µg/m³
341504495-0010	Site: ADS (b)(4)				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/08/2015 14:30:25

OrderID: (b)(4)

TRK # 7950 3273 8270

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	10 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S549	14th Floor Above the decon	960	5-7-15 0700
S550	13th Floor Outside the decon	960	5-7-15 1500 0705 1505
S551	12th Floor Below the decon	960	5-7-15 0710 1510
S552	11th Floor IN Stairwell	954	5-7-15 0715 1512
S555	10th Floor IN Stairwell	950	5-7-15 0720 1515

Client Sample #'s **Total # of Samples:** 10

Relinquished (Client): (b)(4)	**Date:** 5/07/15	**Time:** 4:30 pm		
Received (Lab):	**Date:** 5-8-15	**Time:** 10:20am		
Comments:				

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S554	ADS (b)(4)	940	5-7-15 1455
S555	BLANK		5-7-15
S556	ADS (b)(4)	260	5-7-15 1500 1510
SCGW 205	Inside the 13th Floor Decon	12x12	5-7-15
SCGW 206	Outside the 13th Floor Decon	12x12	5-7-15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/11/15 8:35 AM
Collected: 5/8/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
S557 *341504540-0003*	5/8/2015 Site: 14th Floor Above the Decon	5/11/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S558 *341504540-0004*	5/8/2015 Site: 13th Floor Outside the Decon	5/11/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S559 *341504540-0005*	5/8/2015 Site: 12th Floor Below the Decon	5/11/2015	962 L	4.2 µg/m³	<4.2 µg/m³
S560 *341504540-0006*	5/8/2015 Site: 11th Floor in Stairwell	5/11/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S561 *341504540-0007*	5/8/2015 Site: 10th Floor in Stairwell	5/11/2015	960 L	4.2 µg/m³	<4.2 µg/m³
S562 *341504540-0008*	5/8/2015 Site: ADS (b)(4)	5/11/2015	840 L	4.8 µg/m³	<4.8 µg/m³
S563 *341504540-0009*	5/8/2015 Site: Blank	5/11/2015	0 L	4.0 µg/filter	<4.0 µg/filter
S564 *341504540-0010*	5/8/2015 Site: ADS (b)(4)	5/11/2015	700 L	5.7 µg/m³	<5.7 µg/m³
S565 *341504540-0011*	5/8/2015 Site: Area Sample SE Corner B-2 Test Stand	5/11/2015	650 L	6.2 µg/m³	<6.2 µg/m³

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/11/2015 12:25:17

OrderID: (b)(4)

TRK# 7950 3273 8269

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S557	14TH Floor Above the decon	960	5-8-15 0645 1445
S558	13TH Floor outside the decon	960	5-8-15 0647 1447
S559	12TH Floor below the decon	962	5-8-15 0649 1450
S560	11TH Floor IN Stairwell	960	5-8-15 0652 1452
S561	10TH Floor IN Stairwell	960	5-8-15 0655 1455

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 5-8-15 **Time:** 4:30 pm

Received (Lab): (b)(4) **Date:** 5/11/15 **Time:** 0830 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S562	ADS (b)(4)	840	5-8-15 0700 1460
S563	BLANK		5-8-15
S564	ADS (b)(4)	700	5-8-15 0700 1350
SCGW207	Inside the 13th Floor Decon	12x12	5-8-15
SCGW208	Outside the 13th Floor Decon	12x12	5-8-15
S565	AREA SAMPLE SE Corner B-2 Test Stand	650	5-8-15 830 1555

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/11/15 8:35 AM
Collected: 5/8/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW207	5/8/2015	5/11/2015	144 in²	10 µg/ft²	<10 µg/ft²
341504540-0001	Site: Inside the 13th Floor Decon				
SCGW208	5/8/2015	5/11/2015	144 in²	10 µg/ft²	<10 µg/ft²
341504540-0002	Site: Outside the 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/11/2015 11:04:49

OrderID: (b)(4)

TRK# 7950 3273 8269

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S557	14TH Floor Above the decon	960	5-8-15 0645 1445
S558	13TH Floor outside the decon	960	5-8-15 0647 1447
S559	12TH Floor below the decon	962	5-8-15 0649 1450
S560	11TH Floor IN Stairwell	960	5-8-15 0652 1452
S561	10TH Floor IN Stairwell	960	5-8-15 0655 1455

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 5-8-15 **Time:** 4:30 pm

Received (Lab): (b)(4) **Date:** 5/11/15 **Time:** 0830 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S562	ADS (b)(4)	840	5-8-15 0700 1460
S563	BLANK		5-8-15
S564	ADS (b)(4)	700	5-8-15 0700 1550
SCGW207	Inside the 13th Floor Decon	12x12	5-8-15
SCGW208	Outside the 13th Floor Decon	12x12	5-8-15
S565	AREA SAMPLE SE Corner B-2 Test Stand	650	5-8-15 850 1555

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 19, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**375**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 20 Wipe Samples Collected 5-11 thru 5	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Wipe Samples Collected Background 5-11-15 9th FL	OHC	3	3.4.1.1.C	-	-	
2	Wipe Samples Collected Background 5-11-15 10 FL	OHC	3	3.4.1.1.C	-	-	-
3	Wipe Samples Collected Background 5-11-15 13th FL	OHC	3	3.4.1.1.C	-	-	-
4	Wipe Samples Collected 5-11-15 19th Floor	OHC	3	3.4.1.1.C	-	-	-
5	Wipe Samples Collected 5-12-15 8th floor	OHC	3	3.4.1.1.C	-	-	-
6	Wipe Samples Collected 5-12-15 13th floor	OHC	3	3.4.1.1.C	-	-	-
8	Wipe Samples Collected 5-14-15	OHC	3	3.4.1.1.C	-	-	-
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/15/15 9:00 AM
Collected: 5/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-125	5/12/2015	5/16/2015	144 in²	10 µg/ft²	85 µg/ft²
341504780-0001	Site: Outside 9th Fl Thrust Drum Area 5' from Wall NW				
BL-126	5/12/2015	5/16/2015	144 in²	10 µg/ft²	26 µg/ft²
341504780-0002	Site: Outside 9th Fl Thrust Drum Area 5' from Wall W Cen				
BL-127	5/12/2015	5/16/2015	144 in²	10 µg/ft²	120 µg/ft²
341504780-0003	Site: Outside 9th Fl Instrumentation Tunnel TDA SW				
BL-128	5/12/2015	5/16/2015	144 in²	10 µg/ft²	8700 µg/ft²
341504780-0004	Site: Outside 9th Fl 5' from Wall SE Corner				
BL-129	5/12/2015	5/16/2015	144 in²	10 µg/ft²	1300 µg/ft²
341504780-0005	Site: Outside 9th Fl 7' from Wall S Center				
BL-130	5/12/2015	5/16/2015	144 in²	10 µg/ft²	600 µg/ft²
341504780-0006	Site: Outside 9th Fl 9' from Wall SW Corner				
BL-131	5/12/2015	5/16/2015	144 in²	10 µg/ft²	67 µg/ft²
341504780-0007	Site: Outside 9th Fl 5' from Wall NW Center				
BL-132	5/12/2015	5/16/2015	144 in²	10 µg/ft²	2900 µg/ft²
341504780-0008	Site: Outside 9th Fl 5' from Wall at Doorway N Center				
BL-133	5/12/2015	5/16/2015	144 in²	10 µg/ft²	160 µg/ft²
341504780-0009	Site: Outside 9th Fl 5' from Wall NE Corner				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/16/2015 20:52:28

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☑ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-125	Outside 9th Fl Thrust Drum Area 5 ft from wall NW	12X12 Floor	5/12/15
BL-126	Outside 9th Fl Thrust Drum Area 5 ft from wall WCenter	12X12 Floor	5/12/15
BL-127	Outside 9th Fl Instrumentation Tunnel (TDA) SW	12X12 Floor	5/12/15
BL-128	Outside 9th Fl 5 ft from wall SECorner	12X12 Floor	5/12/15
BL-129	Outside 9th Fl 7 ft from wall SCenter	12X12 Floor	5/12/15

Client Sample #'s BL125 - BL753 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 5/13/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 5/15/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-130	Outside 9th Fl 9ft from wall SWCorner	12X12 Floor	5/12/15
BL-131	Outside 9th Fl 5ft from wall NWCenter	12X12 Floor	5/12/15
BL-132	Outside 9th Fl 5ft from wall at doorway NCenter	12X12 Floor	5/12/15
BL-133	Outside 9th Fl 5ft from wall NECorner	12X12 Floor	5/12/15

Comments/Special Instructions:

Page _____ of _____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/15/15 9:00 AM
Collected: 5/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-119	5/12/2015	5/16/2015	144 in²	10 µg/ft²	360 µg/ft²
341504778-0001	Site: Outside 10th Fl 5' from Blast Door S Center				
BL-120	5/12/2015	5/16/2015	144 in²	10 µg/ft²	210 µg/ft²
341504778-0002	Site: Outside 10th Fl 5' from Wall SW Corner				
BL-121	5/12/2015	5/16/2015	144 in²	10 µg/ft²	370 µg/ft²
341504778-0003	Site: Outside 10th Fl Instrumentation Tunnel 20' from Wa				
BL-122	5/12/2015	5/16/2015	144 in²	10 µg/ft²	160 µg/ft²
341504778-0004	Site: Outside 10th Fl West Support Booster Frame Center				
BL-123	5/12/2015	5/16/2015	144 in²	10 µg/ft²	230 µg/ft²
341504778-0005	Site: Outside 10th Fl West Support Booster Frame North				
BL-124	5/12/2015	5/16/2015	120 in²	12 µg/ft²	150 µg/ft²
341504778-0006	Site: Outside 10th Fl West Support Booster Frame East				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/16/2015 20:51:05

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-119	Outside 10th Fl 5 ft from blast door SCenter	12X12 Floor	5/12/15
BL-120	Outside 10th Fl 15 ft from wall SWCorner	12X12 Floor	5/12/15
BL-121	Outside 10th Fl instrumentation tunnel 20 ft from wall SCorner	12X12 Floor	5/12/15
BL-122	Outside 10th Fl West Support Booster Frame Center	12X12 Floor	5/12/15
BL-123	Outside 10th Fl West Support Booster Frame North	12X12 Floor	5/12/15

Client Sample #'s BL119 - BL124 **Total # of Samples:** 6

Relinquished (Client): (b)(4) **Date:** 5/13/15 **Time:** 5:30 pm

Received (L (b)(4) **ate:** 5/15/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX. (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-124	Outside 10th Fl West Support Booster Frame East	10X12 Floor	5/12/15

Comments/Special Instructions:

Page _____ of _____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/14/15 8:45 AM
Collected: 5/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW211	5/11/2015	5/14/2015	144 in²	10 µg/ft²	66 µg/ft²
341504705-0001	Site: Inside 13th Floor Decon				
SCGW212	5/11/2015	5/14/2015	144 in²	10 µg/ft²	55 µg/ft²
341504705-0002	Site: Outside 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/14/2015 12:35:03

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0 01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846 7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S574	14th Fl Above the Decon	2660L	5/11-12/15 9:20am 7:30am
S575	13th Fl Outside the Decon	2660L	5/11-12/15 9:22am 7:32am
S576	12th Fl Below the Decon	2660L	5/11-12/15 9:24am 7:34am
S577	11th Fl Stairwell	2660L	5/11-12/15 9:26am 7:36am
S578	10th Fl Stairwell	2660L	5/11-12/15 9:28am 7:38am

Client Sample #'s S574 - S580 SCGW211 - SCGW212 **Total # of Samples:** 9

Relinquished (Client): (b)(4)		**Date:**	5/12/15	**Time:**	5:30 pm
Received (Lab):		**Date:**	5/12/15	**Time:**	08:45

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S579	Blank	0L	5/11/15
S580	(b)(4) ADS)/16th fl grinding handrails in tent with Full face respirator	282L	5/11/15 10:20am 3:00pm
SCGW211	Inside the 13th Floor Decon	12x12	5/11/15
SCGW212	Outside the 13th Floor Decon	12x12	5/11/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/15/15 9:00 AM
Collected: 5/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-94	5/11/2015	5/16/2015	144 in²	10 µg/ft²	66 µg/ft²
341504748-0001	Site: Outside 19th Fl Soft Core 5' from Wall NWC				
BL-95	5/11/2015	5/16/2015	144 in²	10 µg/ft²	94 µg/ft²
341504748-0002	Site: Outside 19th Fl Soft Core 10' from Wall NWC				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/16/2015 20:55:16

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ■ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-94	Outside 19th Fl Soft Core 5ft from wall NWC	8X18 Beam	5/11/15
BL-95	Outside 19th Fl Soft Core 10 ft from wall NWC	8X18 Beam	5/11/15

Client Sample #'s BL-94 → BL-95 **Total # of Samples:** 2

Relinquished (Client): (b)(4) **Date:** 5/11/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 5/15/15 **Time:** 9am

Comments:

Page 1 of 1 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/15/15 9:00 AM
Collected: 5/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
BL-134 *341504782-0001*	5/12/2015 Site: Outside 8th Fl 2' from Wall NE Corner	5/16/2015	144 in²	10 µg/ft²	120 µg/ft²
BL-135 *341504782-0002*	5/12/2015 Site: Outside 8th Fl at Door Entrance N Center	5/16/2015	144 in²	10 µg/ft²	1100 µg/ft²
BL-136 *341504782-0003*	5/12/2015 Site: Outside 8th Fl 15' from NW Wall	5/16/2015	144 in²	10 µg/ft²	490 µg/ft²
BL-137 *341504782-0004*	5/12/2015 Site: Outside 8th Fl Engine Deck 2' from NW Wall	5/16/2015	144 in²	10 µg/ft²	1100 µg/ft²
BL-138 *341504782-0005*	5/12/2015 Site: Outside 8th Fl ED 25' from NW Wall	5/16/2015	144 in²	10 µg/ft²	28 µg/ft²
BL-139 *341504782-0006*	5/12/2015 Site: Outside 8th Fl ED 10' from W Center Wall	5/16/2015	144 in²	10 µg/ft²	150 µg/ft²
BL-140 *341504782-0007*	5/12/2015 Site: Outside 8th Fl ED 5' from SW Corner Wall	5/16/2015	144 in²	10 µg/ft²	480 µg/ft²
BL-141 *341504782-0008*	5/12/2015 Site: Outside 8th Fl ED 15' from SW Corner Wall	5/16/2015	144 in²	10 µg/ft²	290 µg/ft²
BL-142 *341504782-0009*	5/12/2015 Site: Outside 8th Fl 12' from SW Corner Wall	5/16/2015	144 in²	10 µg/ft²	30 µg/ft²
BL-143 *341504782-0010*	5/12/2015 Site: Outside 8th Fl 10' from S Center Wall	5/16/2015	144 in²	10 µg/ft²	97 µg/ft²
BL-144 *341504782-0011*	5/12/2015 Site: Outside 8th Fl 7' from SE Corner Wall	5/16/2015	144 in²	10 µg/ft²	370 µg/ft²

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/16/2015 20:54:00

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☒ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
BL-134	Outside 8th Fl 2 ft from wall NE Corner	12X12 Floor	5/12/15
BL-135	Outside 8th Fl at door entrance N Center	12X12 Floor	5/12/15
BL-136	Outside 8th Fl 15 ft from NW Wall	12X12 Floor	5/12/15
BL-137	Outside 8th Fl (Engine Deck) 2 ft from NW Wall	9X16 Floor	5/12/15
BL-138	Outside 8th Fl (ED)25 ft from NW Wall	12X12 Floor	5/12/15

Client Sample #'s BL-134 - BL-141 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 5/13/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 5/15/15 **Time:** 9am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
BL-139	Outside 8th Fl (ED)10ft from W Center Wall	12X12 Floor	5/12/15
BL-140	Outside 8th Fl (ED)5ft from SW Corner Wall	4X36 Floor	5/12/15
BL-141	Outside 8th Fl (ED) 15ft from SW Corner Wall	12X12 Floor	5/12/15
BL-142	Outside 8th Fl 12ft from SW Corner Wall	12X12 Floor	5/12/15
BL-143	Outside 8th Fl 10ft from S Center Wall	3X48 Floor	5/12/15
BL-144	Outside 8th Fl 7ft from SE Corner Wall	12X12 Floor	5/12/15

Comments/Special Instructions:

Page _____ of _____ pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/14/15 8:45 AM
Collected: 5/12/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW213	5/12/2015	5/14/2015	144 in²	10 µg/ft²	22 µg/ft²
341504707-0001	Site: Inside 13th Floor Decon				
SCGW214	5/12/2015	5/14/2015	144 in²	10 µg/ft²	24 µg/ft²
341504707-0002	Site: Outside 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/14/2015 12:36:27

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6 hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0 3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S581	14th Fl Above the Decon	1140L	5/12/15 7.30am 5:00pm
S582	13th Fl Outside the Decon	1140L	5/12/15 7:32am 5:02pm
S583	12th Fl Below the Decon	1140L	5/12/15 7:34am 5:04pm
S584	11th Fl Stairwell	1140L	5/12/15 7.36am 5:06pm
S585	10th Fl Stairwell	1140L	5/12/15 7:38am 5:08pm

Client Sample #'s S581 - S587 SCGW213 SCGW214 **Total # of Samples:** 9

Relinquished (Client): (b)(4)		**Date:**	5/12/15	**Time:**	5:30 pm
Received (Lab):		**Date:**	5/14/15	**Time:**	08:45

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S586	(b)(4) (ADS)/16th fl spot grinding handrails 1/2 face respirator	750L	5/12/15 8:30am 2:45pm
S587	Blank	0L	5/12/15
SCGW213	Inside the 13th Floor Decon	12x12	5/12/15
SCGW214	Outside the 13th Floor Decon	12x12	5/12/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/15/15 9:00 AM
Collected: 5/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW215	5/13/2015	5/15/2015	144 in²	10 µg/ft²	180 µg/ft²
341504743-0001	Site: Inside the 13th Floor Decon				
SCGW216	5/13/2015	5/15/2015	144 in²	10 µg/ft²	54 µg/ft²
341504743-0002	Site: Outside the 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/15/2015 12:13:33

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hrs ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S588	14th Fl Above the Decon	1080L	5/13/15 7:55am 4:55pm
S589	13th Fl Outside the Decon	1080L	5/13/15 7:57am 4.57pm
S590	12th Fl Below the Decon	1080L	5/13/15 7:59am 4:59pm
S591	11th Fl Stairwell	1080L	5/13/15 8:01am 5:01pm
S592	10th Fl Stairwell	1080L	5/13/15 8:03am 5:03pm

Client Sample #'s S588 - S593 **Total # of Samples:** 8

Relinquished (Client): (b)(4) **Date:** 5/13/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 5/15/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S593	Blank	0L	5/13/15
SCGW215	Inside the 13th Floor Decon	12x12	5/13/15
SCGW216	Outside the 13th Floor Decon	12x12	5/13/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/18/15 9:16 AM
Collected: 5/14/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW217	5/14/2015	5/18/2015	144 in²	10 µg/ft²	88 µg/ft²
341504818-0001	Site: Inside 13th Floor Decon				
SCGW218	5/14/2015	5/18/2015	144 in²	10 µg/ft²	130 µg/ft²
341504818-0002	Site: Outside 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/18/2015 12:30:52

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☒ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 6hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S594	14th Fl Above the Decon	790L	5/14/15 8:40am 3:15pm
S595	13th Fl Outside the Decon	790L	5/14/15 8:42am 3:17pm
S596	12th Fl Below the Decon	790L	5/14/15 8:44am 3:19pm
S597	11th Fl Stairwell	790L	5/14/15 8:46am 3:21pm
S598	10th Fl Stairwell	790L	5/14/15 8:48am 3:23pm

Client Sample #'s S594 → S600 SCGW217 - SCGW218 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 5/14/15 **Time:** 5:30 pm

Received (b)(4) **Date:** 5/18/15 **Time:** 9:10am

Comment

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S599	(b)(4) ADS)/ 16th fl spot abatement of hand rails in 1/2 face	628L	5/14/15 8:56am 2:10pm
S600	Blank	0L	5/14/15
SCGW217	Inside the 13th Floor Decon	12x12	5/14/15
SCGW218	Outside the 13th Floor Decon	12x12	5/14/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: May 28, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**n/a**	**385**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 20 Air Samples Collected 5-21 thru 5-23

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air Samples Collected 5-21-15	OHC	3	3.4.1.1.c	-	-	
2	Air Samples Collected 5-22-15	OHC	3	3.4.1.1.c	-	-	-
3	Air Samples Collected 5-23-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/27/15 9:40 AM
Collected: 5/21/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S624	5/21/2015	5/27/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341505095-0001	Site: (b)(4) ADS Spot Abatement Inside Corvette				
S625	5/21/2015	5/27/2015	760 L	5.3 µg/m³	<5.3 µg/m³
341505095-0002	Site: Outside the Corvette Work Area				
S626	5/21/2015	5/27/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505095-0003	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/27/2015 15:15:27

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S624	(b)(4) (ADS)/ spot abatement inside Corvette	760L	5/21/15 10:15am 2:40pm
S625	Outside the Corvette Work Area	760L	5/21/15 10:15am 2:40pm
S626	Blank	0L	5/21/15

Client Sample #'s S624 - S626 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 5/21/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 5/27/15 **Time:** 9:40am

Comments:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/27/15 9:40 AM
Collected: 5/22/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S627	5/22/2015	5/27/2015	680 L	5.9 µg/m³	<5.9 µg/m³
341505097-0001	Site: (b)(4) ADS Spot Abatement Inside/Outside				
S628	5/22/2015	5/27/2015	680 L	5.9 µg/m³	<5.9 µg/m³
341505097-0002	Site: Outside the Corvette Work Area				
S629	5/22/2015	5/27/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505097-0003	Site: Blank				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/27/2015 15:17:21

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	x
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S627	(b)(4) ADS) spot abatement inside/outside Corvette	680L	5/22/15 9:55am 3:35pm
S628	Outside the Corvette Work Area	680L	5/22/15 9:55am 3:35pm
S629	Blank	0L	5/22/15

Client Sample #'s S627 - S629 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 5/22/15 **Time:** 5:30 pm

Received (La (b)(4) **Date:** 5/27/15 **Time:** 9:40am

Comments:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 05/27/15 9:40 AM
Collected: 5/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S630	5/23/2015	5/27/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341505098-0001	Site: (b)(4) ADS Spot Abatement Outside SE Pier				
S631	5/23/2015	5/27/2015	1080 L	3.7 µg/m³	<3.7 µg/m³
341505098-0002	Site: Inside Lift During SE Pier Walkway Abatement				
S632	5/23/2015	5/27/2015	1080 L	3.7 µg/m³	8.9 µg/m³
341505098-0003	Site: (b)(4) ADS Spot Abatement Outside E Pier Wal				
S633	5/23/2015	5/27/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505098-0004	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 05/27/2015 15:18:27

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S630	(b)(4) ADS) spot abatement Outside south east pier walkway	1080L	5/23/15 8.15am 6:15pm
S631	Inside lift during South East Pier Walkway Abatement	1080L	5/23/15 8:15am 6.15pm
S632	(b)(4) ADS) spot abatement outside east pier wall pads	1080L	5/23/15 8:15am 6:55pm
S633	Blank	0L	5/23/15

Client Sample #'s S630 - S633 **Total # of Samples:** 4

Relinquished (Client): (b)(4) **Date:** 5/23/15 **Time:** 5:30 pm

Received (L: (b)(4) **Date:** 5/27/15 **Time:** 9:40am

Comments:

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: June 8, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**398**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Wipe Samples Collected 5-28-15	OHC	3	3.4.1.1.c	-	-	
2	Wipe Samples Collected 6-1-15	OHC	3	3.4.1.1.c	-	-	-
3	Wipe Samples Collected 6-3-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected 5-28-15	OHC	3	3.4.1.1.c	-	-	-
5	Air Samples Collected 6-1-15	OHC	3	3.4.1.1.c	-	-	-
6	Air Samples Collected 6-2-15	OHC	3	3.4.1.1.c	-	-	-
7	Air Samples Collected 6-3-15	-	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) , (b)(4) 06/08/2015 05:14 AM

Attached please find the daily wipe sample test results collected on May 28, 2015. All the samples are within acceptable levels .

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>

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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, June 01, 2015 12:35 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) ((b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:6f825cf1-ebb5-4559-8019-2c25e00362c2]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
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ATT00001.png [redacted] image001.png

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5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/01/15 9:05 AM
Collected: 5/28/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW225	5/28/2015	6/1/2015	144 in²	10 µg/ft²	130 µg/ft²
341505288-0007	Site: Inside the 13th Floor Decon				
SCGW226	5/28/2015	6/1/2015	144 in²	10 µg/ft²	35 µg/ft²
341505288-0008	Site: Outside the 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/01/2015 12:33:53

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S648	(b)(4) (ADS)/Inside South Containment Prepping	980L	5/28/15 8:00am 4:10pm
S649	Inside 13th Fl Decon	800L	5/28/15 9:30am 4:10pm
S650	Outside13th Fl Decon	804L	5/28/15 9:30am 4:12pm
S651	Below 13th Fl Decon	804L	5/28/15 9:32am 4:14pm
S652	Outside Exterior Fire Exit 9th Fl Below Neg Air Exhaust	742L	5/28/15 10:14am 4:25pm

Client Sample #'s S648 - S653 SCGW225 SCGW226 **Total # of Samples:** 6

Relinquished (Client): (b)(4) **Date:** 5/28/15 **Time:** 5:30 pm

Received (La (b)(4) **Date:** 6/1/15 **Time:** 9:05am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S653	Blank		5/28/15
SCGW225	Inside the 13th Floor Decon	12x12	5/28/15
SCGW226	Outside the 13th Floor Decon	12x12	5/28/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/08/2015 05:14 AM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test results for the wipe samples collected on June 1, 2015. The sample collected on the exterior of the decon is slightly elevated.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone:
Cell: (b)(4)
Email: (b)(4)
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Sent: Wednesday, June 03, 2015 12:20 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
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Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
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Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/03/15 9:05 AM
Collected: 6/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW231	6/1/2015	6/3/2015	144 in²	10 µg/ft²	190 µg/ft²
341505386-0008	Site: Inside The 13th Floor Decon				
SCGW232	6/1/2015	6/3/2015	144 in²	10 µg/ft²	900 µg/ft²
341505386-0009	Site: Outside The 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/03/2015 12:19:05

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 hr. ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S668	(b)(4) ADS)/Inside South Containment Prepping 19th thru 17th floors	1,030L	6/01/15 8:05am 4:40pm
S669	Inside 13th Fl Decon	918L	6/01/15 9:01am 4:40pm
S670	Outside13th Fl Decon	918L	6/01/15 9:01am 4:40pm
S671	Below 13th Fl Decon	944L	6/01/15 9:03am 4:55pm
S672	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	VOID	6/01/15 9:10am VOID

Client Sample #'s S668 - S675 SCGW231 SCGW232 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 6/01/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6/3/15 **Time:** 9:05am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S673	(b)(4) (ADS)/ Stair Treads SE Pier	824L	6/01/15 9.40am 4:32pm
S674	Inside Man Lift Stair Tread SE Pier	824L	6/01/15 9:40am 4:32pm
S675	Blank	0L	6/01/15
SCGW231	Inside the 13th Floor Decon	12x12	6/01/15
SCGW232	Outside the 13th Floor Decon	12x12	6/01/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/08/2015 05:14 AM

Attached please find the test results for the daily wipe samples collected on June 3, 2015. All the samples are within acceptable levels .

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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Sent: Friday, June 05, 2015 12:46 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
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EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/05/15 8:45 AM
Collected: 6/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW235	6/3/2015	6/5/2015	144 in²	10 µg/ft²	12 µg/ft²
341505477-0011	Site: Inside The 13th Floor Decon				
SCGW236	6/3/2015	6/5/2015	144 in²	10 µg/ft²	33 µg/ft²
341505477-0012	Site: Outside The 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/05/2015 12:44:52

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only): (b)(4)

Company: OHC Environmental Engineering, Inc.	EMSL-Bill to: ☐ Different ☑ Same If Bill to is Different note instructions in Comments"
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa State/Province: FL	Zip/Postal Code: 33609 Country: United States
Report To (Name): (b)(4)	Telephone #: 813-626-8156
Email Address: (b)(4)	Fax #: 813-623-6702 Purchase Order
Project Name/Number: Stennis B1 B2 Test Stand	Please Provide Results: ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846 6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846 1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) Signature of Sampler: (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S686	(b)(4) (ADS) Inside & Containment Prepping 13th thru 11th Floors	1,000L	6/03/15 8:35am 4:55pm
S687	Inside 13th Fl Decon	1,000L	6/03/15 8:35am 4:15pm
S688	Outside13th Fl Decon	1,000L	6/03/15 8:36am 4:16pm
S689	Below 13th Fl Decon	1,000L	6/03/15 8:38am 4:18pm
S690	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	910L	6/03/15 8:45am 4:20pm

Client Sample #'s: S686 - S695 SCGW 235 SCGW 236 Total # of Samples: 12

Relinquished (Client): (b)(4) Date: 6/03/15 Time: 5:30 pm

Received (Lab): Date: 6/5/15 Time: 8:45am

Comments:

OrderID: (b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only): (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S691	(b)(4) (ADS) Dumpster Clean - Up	900L	6/03/15 8:20am 3:50pm
S692	15' Down Wind of Dumpster Clean - Up	900L	6/03/15 8:20am 3:50pm
S693	(b)(4) (ADS) Inbeds East Pier Spot Abatement	440L	6/03/15 5:00pm 8:40pm
S694	Inside Man Lift East Pier Inbeds Spot Abatement	440L	6/03/15 5:00pm 8:40pm
S695	Blank		6/03/15
SCGW235	Inside the 13th Floor Decon	12x12	6/03/15
SCGW236	Outside the 13th Floor Decon	12x12	6/03/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/08/2015 05:14 AM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test results for the air samples collected on May 28, 2015. All the samples are below detection limit .

(b)(4), MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone:
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, June 01, 2015 4:51 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:0937e9aa-bb8f-4268-be84-5092533e7cb0]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical , Inc. offers to our clients:

LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/01/15 9:05 AM
Collected: 5/28/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S648	5/28/2015	6/1/2015	980 L	4.1 µg/m³	<4.1 µg/m³
341505288-0001	Site: (b)(4) ADS Inside South Containment Preppin				
S649	5/28/2015	6/1/2015	800 L	5.0 µg/m³	<5.0 µg/m³
341505288-0002	Site: Inside 13th Fl Decon				
S650	5/28/2015	6/1/2015	804 L	5.0 µg/m³	<5.0 µg/m³
341505288-0003	Site: Outside 13th Fl Decon				
S651	5/28/2015	6/1/2015	804 L	5.0 µg/m³	<5.0 µg/m³
341505288-0004	Site: Below 13th Fl Decon				
S652	5/28/2015	6/1/2015	742 L	5.4 µg/m³	<5.4 µg/m³
341505288-0005	Site: Outside Exterior Fire Exit 9th Fl Below Neg Air Ex				
S653	5/28/2015	6/1/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505288-0006	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/01/2015 16:50:45

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S648	(b)(4) ADS)/Inside South Containment Prepping	980L	5/28/15 8:00am 4:10pm
S649	Inside 13th Fl Decon	800L	5/28/15 9:30am 4:10pm
S650	Outside13th Fl Decon	804L	5/28/15 9:30am 4:12pm
S651	Below 13th Fl Decon	804L	5/28/15 9:32am 4:14pm
S652	Outside Exterior Fire Exit 9th Fl Below Neg Air Exhaust	742L	5/28/15 10:14am 4:25pm

Client Sample #'s S648 - S653 SCGW225 SCGW226 **Total # of Samples:** 6

Relinquished (Client): (b)(4) **Date:** 5/28/15 **Time:** 5:30 pm

Received (La (b)(4) **Date:** 6/1/15 **Time:** 9:05am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S653	Blank		5/28/15
SCGW225	Inside the 13th Floor Decon	12x12	5/28/15
SCGW226	Outside the 13th Floor Decon	12x12	5/28/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/08/2015 05:14 AM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test results for the air samples collected on June 1, 2015. All the samples are well within acceptable limits

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone:
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>

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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, June 03, 2015 12:57 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical , Inc. offers to our clients:

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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/03/15 9:05 AM
Collected: 6/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S668	6/1/2015	6/3/2015	1030 L	3.9 µg/m³	<3.9 µg/m³
341505386-0001	Site: (b)(4) (ADS) Inside South Containment				
S669	6/1/2015	6/3/2015	918 L	4.4 µg/m³	<4.4 µg/m³
341505386-0002	Site: Inside 13th Fl Decon				
S670	6/1/2015	6/3/2015	918 L	4.4 µg/m³	<4.4 µg/m³
341505386-0003	Site: Outside 13th Fl Decon				
S671	6/1/2015	6/3/2015	944 L	4.2 µg/m³	<4.2 µg/m³
341505386-0004	Site: Below 13th Fl Decon				
S673	6/1/2015	6/3/2015	824 L	4.9 µg/m³	<4.9 µg/m³
341505386-0005	Site: (b)(4) (ADS)/Stair Treads SE Pier				
S674	6/1/2015	6/3/2015	824 L	4.9 µg/m³	5.7 µg/m³
341505386-0006	Site: Inside Man Lift Stair Tread SE Pier				
S675	6/1/2015	6/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505386-0007	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/03/2015 12:56:47

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 hr. ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S668	(b)(4) ADS)/Inside South Containment Prepping 19th thru 17th floors	1,030L	6/01/15 8:05am 4:40pm
S669	Inside 13th Fl Decon	918L	6/01/15 9:01am 4:40pm
S670	Outside13th Fl Decon	918L	6/01/15 9:01am 4:40pm
S671	Below 13th Fl Decon	944L	6/01/15 9:03am 4:55pm
S672	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	VOID	6/01/15 9:10am VOID

Client Sample #'s S668 - S675 SCGW231 SCGW232 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 6/01/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6/3/15 **Time:** 9:05am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL Order ID (Lab Use Only): (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S673	(b)(4) (ADS)/ Stair Treads SE Pier	824L	6/01/15 9.40am 4:32pm
S674	Inside Man Lift Stair Tread SE Pier	824L	6/01/15 9:40am 4:32pm
S675	Blank	0L	6/01/15
SCGW231	Inside the 13th Floor Decon	12x12	6/01/15
SCGW232	Outside the 13th Floor Decon	12x12	6/01/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/08/2015 05:14 AM

Attached please find the test results for the air samples collected June 2, 2015. All the samples are below detection limit .

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone:
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, June 04, 2015 2:41 PM
To: James Rizk; Mark Fohn
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:f6d998d8-699f-4ed9-9453-c713b69c4ec4]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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ATT00001.png [redacted] image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/04/15 9:10 AM
Collected: 6/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S676	6/2/2015	6/4/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341505441-0001	Site: (b)(4) (ADS) Inside S Containment Prepping				
S677	6/2/2015	6/4/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341505441-0002	Site: Inside 13th Fl Decon				
S678	6/2/2015	6/4/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341505441-0003	Site: Outside 13th Fl Decon				
S679	6/2/2015	6/4/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341505441-0004	Site: Below 13th Fl Decon				
S680	6/2/2015	6/4/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341505441-0005	Site: Outside Ext. Fire Exit 10th Fl				
S681	6/2/2015	6/4/2015	902 L	4.4 µg/m³	<4.4 µg/m³
341505441-0006	Site: (b)(4) (ADS) Stair Treads SE Pier				
S682	6/2/2015	6/4/2015	902 L	4.4 µg/m³	<4.4 µg/m³
341505441-0007	Site: Down Wind Stair Tread SE Pier Spot Abat.				
S683	6/2/2015	6/4/2015	736 L	5.4 µg/m³	<5.4 µg/m³
341505441-0008	Site: (b)(4) (ADS) Inbeds East Pier Spot Abatement				
S684	6/2/2015	6/4/2015	736 L	5.4 µg/m³	<5.4 µg/m³
341505441-0009	Site: Inside Man Lift East Pier Inbeds Spot Abatement				
S685	6/2/2015	6/4/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505441-0010	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/04/2015 14:40:05

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/04/15 9:10 AM
Collected: 6/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW233	6/2/2015	6/4/2015	144 in²	10 µg/ft²	55 µg/ft²
341505441-0011	Site: Inside The 13th Floor Decon				
SCGW234	6/2/2015	6/4/2015	144 in²	10 µg/ft²	96 µg/ft²
341505441-0012	Site: Outside The 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 06/04/2015 14:40:05

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S676	(b)(4) ADS) Inside S Containment Prepping 19th thru 17th floors	960L	6/02/15 8:15am 4:15pm
S677	Inside 13th Fl Decon	960L	6/02/15 8:15am 4:15pm
S678	Outside13th Fl Decon	960L	6/02/15 8:16am 4:16pm
S679	Below 13th Fl Decon	960L	6/02/15 8:18am 4:18pm
S680	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	960L	6/02/15 8:20am 4.20pm

Client Sample #'s S676 - S685 SCGW233 SCGW234 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 6/02/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6/4/15 **Time:** 9:10am

Comments:

OrderID: 341505441

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: 341305441

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S681	(b)(4) (ADS) Stair Treads SE Pier	902L	6/02/15 8:50am 4:21pm
S682	Down Wind Stair Tread SE Pier Spot Abatement	902L	6/02/15 8:50am 4:21pm
S683	(b)(4) (ADS) Inbeds East Pier Spot Abatement	736L	6/02/15 5.32pm 11:40pm
S684	Inside Man Lift East Pier Inbeds Spot Abatement	736L	6/02/15 5 32pm 11:40pm
S685	Blank	0L	6/02/15
SCGW233	Inside the 13th Floor Decon	12x12	6/02/15
SCGW234	Outside the 13th Floor Decon	12x12	6/02/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/08/2015 05:14 AM

Attached please find the test results for the air samples collected on June 3, 2015. All the samples are below detection limit .

[redacted], MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc .
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell:
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>

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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, June 05, 2015 3:04 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/05/15 8:45 AM
Collected: 6/3/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S686	6/3/2015	6/5/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341505477-0001	Site: (b)(4) (ADS) Inside S Containment Prepping				
S687	6/3/2015	6/5/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341505477-0002	Site: Inside 13th Fl Decon				
S688	6/3/2015	6/5/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341505477-0003	Site: Outside 13th Fl Decon				
S689	6/3/2015	6/5/2015	1000 L	4.0 µg/m³	<4.0 µg/m³
341505477-0004	Site: Below 13th Fl Decon				
S690	6/3/2015	6/5/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341505477-0005	Site: Outside Exterior Fire Exit 10th Fl Below Neg Air				
S691	6/3/2015	6/5/2015	900 L	4.4 µg/m³	<4.4 µg/m³
341505477-0006	Site: (b)(4) (ADS) Dumpser Clean-Up				
S692	6/3/2015	6/5/2015	900 L	4.4 µg/m³	<4.4 µg/m³
341505477-0007	Site: 15' Down Wind Of Dumpster Clean-Up				
S693	6/3/2015	6/5/2015	440 L	9.1 µg/m³	<9.1 µg/m³
341505477-0008	Site: (b)(4) (ADS) Inbeds E Pier Spot Abatement				
S694	6/3/2015	6/5/2015	440 L	9.1 µg/m³	<9.1 µg/m³
341505477-0009	Site: Inside Man Lift E Pier Inbeds Spot Abatement				
S695	6/3/2015	6/5/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505477-0010	Site: Blank				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/05/2015 12:44:59

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5687
FAX: (407) 599-9063

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City. Tampa **State/Province** FL	**Zip/Postal Code** 33609 **Country** United States
Report To (Name): (b)(4)	**Telephone #** 813-626-8156
Email Address (b)(4)	**Fax #** 813-623-6702 **Purchase Order**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24hr. ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846 6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846 1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler. (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S686	(b)(4) (ADS) Inside S Containment Prepping 19th thru 17th Floors	1,000L	6/03/15 8:35am 4:55pm
S687	Inside 13th Fl Decon	1,000L	6/03/15 8:35am 4:15pm
S688	Outside13th Fl Decon	1,000L	6/03/15 8:36am 4:16pm
S689	Below 13th Fl Decon	1,000L	6/03/15 8:38am 4:18pm
S690	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	910L	6/03/15 8:45am 4:20pm

Client Sample #'s S696 - S695 SCGW 235 SCGW 236 **Total # of Samples:** 12

Relinquished (Client) (b)(4) **Date:** 6/03/15 **Time** 5:30 pm

Received (Lab): **Date:** 6/5/15 **Time:** 8:45am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S691	(b)(4) (ADS) Dumpster Clean - Up	900L	6/03/15 8:20am 3:50pm
S692	15' Down Wind of Dumpster Clean - Up	900L	6/03/15 8:20am 3:50pm
S693	(b)(4) (ADS) Inbeds East Pier Spot Abatement	440L	6/03/15 5:00pm 8:40pm
S694	Inside Man Lift East Pier Inbeds Spot Abatement	440L	6/03/15 5:00pm 8:40pm
S695	Blank		6/03/15
SCGW235	Inside the 13th Floor Decon	12x12	6/03/15
SCGW236	Outside the 13th Floor Decon	12x12	6/03/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: June 16, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**401**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Samples Collected 6-8-15	OHC	3	3.4.1.1.c	-	-	
2	Air & Wipe Samples Collected 6-9-15	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe Samples Collected 6-10-15	OHC	3	3.4.1.1.c	-	-	-
4	Air Samples Collected 6-11-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/15/2015 02:53 PM

Attached please find the test results for the air and wipe samples collected on June 8, 2015. The Blaster exposure was above the PEL. the blaster was wearing a supplied air respirator and proper protective equipment. All the other air samples were below detection limit. The wipe samples were well within acceptable limits.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell:
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, June 10, 2015 1:05 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:f208d392-406c-4ebd-8c3b-d72be0eccea7]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<

http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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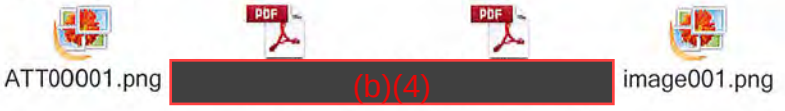

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/10/15 8:40 AM
Collected: 6/8/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S717	6/8/2015	6/10/2015	930 L	4.3 µg/m³	420 µg/m³
341505612-0001	Site: (b)(4) ADS Inside S Containment Blasting 19th				
S718	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0002	Site: Inside 13th Fl Decon				
S719	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0003	Site: Outside 13th Fl Decon				
S720	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0004	Site: Below 13th Fl Decon				
S721	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0005	Site: Outside Exterior Fire Exit 10th Fl Below Neg Air				
S722	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0006	Site: Outside Exterior 10th Fl East				
S723	6/8/2015	6/10/2015	970 L	4.1 µg/m³	<4.1 µg/m³
341505612-0007	Site: Outside Exterior 10th Fl West				
S724	6/8/2015	6/10/2015	880 L	4.5 µg/m³	<4.5 µg/m³
341505612-0008	Site: 18th Floor at Critical Barrier				
S725	6/8/2015	6/10/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341505612-0009	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/10/2015 13:04:02

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/10/15 8:40 AM
Collected: 6/8/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW243	6/8/2015	6/10/2015	144 in²	10 µg/ft²	<10 µg/ft²
341505612-0010	Site: Inside the 13th Floor Decon				
SCGW244	6/8/2015	6/10/2015	144 in²	10 µg/ft²	<10 µg/ft²
341505612-0011	Site: Outside the 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 06/10/2015 13:04:02

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 hr ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846 1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	*Graphite Furnace AA*	*0.3 mg/kg (ppm)*	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other.				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S717	(b)(4) ADS) Inside S Containment Blasting 19th thru 17th floors	930L	6/08/15 9:05am 4:50pm
S718	Inside 13th Fl Decon	970L	6/08/15 8:40am 4:45pm
S719	Outside13th Fl Decon	970L	6/08/15 8:40am 4:45pm
S720	Below 13th Fl Decon	970L	6/08/15 8:41am 4:46pm
S721	*Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust*	970L	*6/08/15 8:50am 4:55pm*

Client Sample #'s: **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 6/08/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6-10-15 **Time:** 9:40a

Comments: BLASTER WAS WEARING A BLASTING HOOD. ALL OTHER WORKERS IN FULL FACE ALL SAMPLES RUN AT 2.0 l/m.

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only).*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S722	Outside Exterior 10th Fl East	970L	6/08/15 8:50am 4:55pm
S723	Outside Exterior 10th Fl West	970L	6/08/15 8:50am 4:55pm
S724	18th Floor at Critical Barrier	880L	6/08/15 9:15am 4:35pm
S725	Blank	0L	6/08/15
SCGW243	Inside the 13th Floor Decon	12x12	6/08/15
SCGW244	Outside the 13th Floor Decon	12x12	6/08/15

Comments/Special Instructions

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/15/2015 02:51 PM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test air and wipe sample results for samples collected on June 9. The air samples are all below detection limit. The wipe samples are within acceptable limits.

(b)(4), MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, June 11, 2015 1:05 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/11/15 8:42 AM
Collected: 6/9/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S726 *Lab ID* 341505660-0001 *Collected:* 6/9/2015
(b)(4) ADS Inside S Contai

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	886 L	<4.5 µg/m³

Client Sample Description S727 *Lab ID* 341505660-0002 *Collected:* 6/9/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	886 L	<4.5 µg/m³

Client Sample Description S728 *Lab ID* 341505660-0003 *Collected:* 6/9/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	886 L	<4.5 µg/m³

Client Sample Description S729 *Lab ID* 341505660-0004 *Collected:* 6/9/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	886 L	<4.5 µg/m³

Client Sample Description S730 *Lab ID* 341505660-0005 *Collected:* 6/9/2015
Outside Exterior Fire Exit 10th Fl Below

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	900 L	<4.4 µg/m³

Client Sample Description S731 *Lab ID* 341505660-0006 *Collected:* 6/9/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	900 L	<4.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/11/2015 13:04:36

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/11/15 8:42 AM
Collected: 6/9/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S732 *Lab ID* 341505660-0007 *Collected:* 6/9/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	900 L	<4.4 µg/m³

Client Sample Description S733 *Lab ID* 341505660-0008 *Collected:* 6/9/2015
18th Floor at Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	870 L	<4.6 µg/m³

Client Sample Description S734 *Lab ID* 341505660-0009 *Collected:* 6/9/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/11/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW245 *Lab ID* 341505660-0010 *Collected:* 6/9/2015
Inside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/11/2015	144 in²	110 µg/ft²

Client Sample Description SCGW246 *Lab ID* 341505660-0011 *Collected:* 6/9/2015
Outside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/11/2015	144 in²	72 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/11/2015 13:04:36

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different add instructions in Comments * *Third Party Billing requires written authorization from third party*
Street, 5420 Bay Center Drive Suite 100	
City Tampa **State/Province,** FL	**Zip/Postal Code** 33609 **Country:** United States
Report To (Name), (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #** 813-623-6702 **Purchase Order:**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results.** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24-hr ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other*				☐

Name of Sampler (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S726	(b)(4) (OS) Inside S Containment Clean-up 19th thru 17th floors	886L	6/09/15 8:52am 4:15pm
S727	Inside 13th Fl Decon	886L	6/09/15 8:52am 4:15pm
S728	Outside13th Fl Decon	886L	6/09/15 8:52am 4:15pm
S729	Below 13th Fl Decon	886L	6/09/15 8:43am 4:17pm
S730	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	900L	6/09/15 8:50am 4:20pm

Client Sample #'s S726 -S734 SCGW245 SCGW246 **Total # of Samples:** 11

Relinquished (Client) (b)(4) **Date:** 6/09/15 **Time** 5:30 pm

Received ((b)(4) **Date.** 6/11/15 **Time:** 8:42am

Comments

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S731	Outside Exterior 10th Fl East	900L	6/09/15 8:50am 4:20pm
S732	Outside Exterior 10th Fl West	900L	6/09/15 8:50am 4:20pm
S733	18th Floor at Critical Barrier	870L	6/09/15 8:40am 4:05pm
S734	Blank		6/09/15
SCGW245	Inside the 13th Floor Decon	12x12	6/09/15
SCGW246	Outside the 13th Floor Decon	12x12	6/09/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/15/2015 02:45 PM

Attached please find test results for air and wipe samples collected on June 10, 2015. The personnel sample indicated exposure level above the PEL, this individual is a helper and was wearing a full face respiratory protection which is adequate for the exposure level . All area air samples are below the detection limit. The wipe sample are all well within acceptable.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone:
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, June 12, 2015 1:54 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:f572d16f-c5d0-45cb-93c9-2a0fdb66f5ba]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<

http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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ATT00001.png (b)(4) image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/12/15 8:45 AM
Collected: 6/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S735 *Lab ID* 341505711-0001 *Collected:* 6/10/2015
(b)(4) *ADS Inside S Containme*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1360 L	280 µg/m³

Client Sample Description S736 *Lab ID* 341505711-0002 *Collected:* 6/10/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1360 L	<2.9 µg/m³

Client Sample Description S737 *Lab ID* 341505711-0003 *Collected:* 6/10/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1360 L	<2.9 µg/m³

Client Sample Description S738 *Lab ID* 341505711-0004 *Collected:* 6/10/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1360 L	<2.9 µg/m³

Client Sample Description S739 *Lab ID* 341505711-0005 *Collected:* 6/10/2015
Outside Exterior Fire Exit 10th Fl Below

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1146 L	<3.5 µg/m³

Client Sample Description S740 *Lab ID* 341505711-0006 *Collected:* 6/10/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1146 L	<3.5 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/12/2015 13:52:42

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/12/15 8:45 AM
Collected: 6/10/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S741 *Lab ID* 341505711-0007 *Collected:* 6/10/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1146 L	<3.5 µg/m³

Client Sample Description S742 *Lab ID* 341505711-0008 *Collected:* 6/10/2015
18th Floor at Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	1078 L	<3.7 µg/m³

Client Sample Description S743 *Lab ID* 341505711-0009 *Collected:* 6/10/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/12/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW247 *Lab ID* 341505711-0010 *Collected:* 6/10/2015
Inside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/12/2015	144 in²	83 µg/ft²

Client Sample Description SCGW248 *Lab ID* 341505711-0011 *Collected:* 6/10/2015
Outside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/12/2015	144 in²	27 µg/ft²

For Project Stennis B1 B2 Test Stand Sample S735 Filter Shredded with Embedded Debris on Backing Pad, Filter S735 Analyzed

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/12/2015 13:52:42

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to.** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code.** 33609 **Country** United States
Report To (Name). (b)(4)	**Telephone #** 813-626-8156
Email Address (b)(4)	**Fax #.** 813-623-6702 **Purchase Order:**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results** ☐ FAX ☑ E-mail ☐ Mail
U S. State Samples Taken MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 hr ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846 7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846 1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846 7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S735	(b)(4) (ADS) Inside S Containment Clean-up 19th ,Prv 17th floors	1360L	6/10/15 5:40am 5:00pm
S736	Inside 13th Fl Decon	1360L	6/10/15 5:40am 5:00pm
S737	Outside13th Fl Decon	1360L	6/10/15 5:40am 5:00pm
S738	Below 13th Fl Decon	1360L	6/10/15 5:42am 5:02pm
S739	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	1146L	6/10/15 6:02am 5:35pm

Client Sample #'s S735 -S743 SCGW247 SCGW248 **Total # of Samples:** 11

Relinquished (Client) (b)(4)		**Date**	6/10/15	**Time**	5:30 pm
Received (Lab).		**Date:**	6/11/15	**Time.**	8:45am

Comments

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S740	Outside Exterior 10th Fl East	1146L	6/10/15 6:02am 5:35pm
S741	Outside Exterior 10th Fl West	1146L	6/10/15 6:02am5:35pm
S742	18th Floor at Critical Barrier	1078L	6/10/15 5:51am 4:50pm
S743	Blank		6/10/15
SCGW247	Inside the 13th Floor Decon	12x12	6/10/15
SCGW248	Outside the 13th Floor Decon	12x12	6/10/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/15/2015 02:31 PM

4 attachments

ATT00001.png [redacted] mage001.png

Attached please find the test results for the air samples collected on June 11, 2015. All the samples are well within acceptable ranges.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, June 15, 2015 2:54 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:5fbd7b5b-2c4e-4c6b-855b-c4596e6aa406]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/15/15 8:49 AM
Collected: 6/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S744 *Lab ID* 341505751-0001 *Collected:* 6/11/2015
18th Floor at Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1474 L	<2.7 µg/m³

Client Sample Description S745 *Lab ID* 341505751-0002 *Collected:* 6/11/2015
(b)(4) *ADS Inside S Containment*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1308 L	4.8 µg/m³

Client Sample Description S746 *Lab ID* 341505751-0003 *Collected:* 6/11/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1308 L	<3.1 µg/m³

Client Sample Description S747 *Lab ID* 341505751-0004 *Collected:* 6/11/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1308 L	<3.1 µg/m³

Client Sample Description S748 *Lab ID* 341505751-0005 *Collected:* 6/11/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1308 L	<3.1 µg/m³

Client Sample Description S749 *Lab ID* 341505751-0006 *Collected:* 6/11/2015
Outside Exterior Fire Exit 10th Fl Below

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1274 L	<3.1 µg/m³

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/15/2015 14:52:47

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/15/15 8:49 AM
Collected: 6/11/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S750 *Lab ID* 341505751-0007 *Collected:* 6/11/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1274 L	<3.1 µg/m³

Client Sample Description S751 *Lab ID* 341505751-0008 *Collected:* 6/11/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	1274 L	<3.1 µg/m³

Client Sample Description S752 *Lab ID* 341505751-0009 *Collected:* 6/11/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/15/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW249 *Lab ID* 341505751-0010 *Collected:* 6/11/2015
Inside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/15/2015	144 in²	140 µg/ft²

Client Sample Description SCGW250 *Lab ID* 341505751-0011 *Collected:* 6/11/2015
Outside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/15/2015	144 in²	76 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/15/2015 14:52:47

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments" *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City Tampa **State/Province** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address (b)(4)	**Fax #:** 813-623-6702 **Purchase Order**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S744	18th Floor at Critical Barrier	1474L	6/11/15 6:15am 6:32pm
S745	(b)(4) (ADS) Inside S Containment Clean-up 19th thru 17th floors	1308L	6/11/15 6:21am 5:15pm
S746	Inside 13th Fl Decon	1308L	6/11/15 6:21am 5:15pm
S747	Outside13th Fl Decon	1308L	6/11/15 6:21am 5:15pm
S748	Below 13th Fl Decon	1308L	6/11/15 6:23am 5:17pm

Client Sample #'s S744 - S752 SCBW249 SCBW250 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 6/11/15 **Time** 5:30 pm

Received (Lab): **Date:** 6/15/15 **Time:** 1:45pm

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S749	Outside Exterior Fire Exit 10th Fl Below Neg Air Exhaust	1,274L	6/11/15 6:28am 5:05pm
S750	Outside Exterior 10th Fl East	1,274L	6/11/15 6:28am 5:05pm
S751	Outside Exterior 10th Fl West	1,274L	6/11/15 6:28am 5:05pm
S752	Blank		6/11/15
SCGW249	Inside the 13th Floor Decon	12x12	6/11/15
SCGW250	Outside the 13th Floor Decon	12x12	6/11/15

Comments/Special Instructions

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: July 1, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**411**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13 20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Samples Collected 6-19-15	OHC	3	3.4.1.1.c	-	-	
2	Air & Wipe Samples Collected 6-20-15	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe Samples Collected 6-22-15	OHC	3	3.4.1.1.c	-	-	-
4	Air & Wipe Samples Collected 6-23-15	OHC	3	3.4.1.1.c	-	-	-
5	Air & Wipe Samples Collected 6-24-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/29/2015 03:55 AM

4 attachments

ATT00001.png (b)(4) pdf image001.png

Attached please find the test results for the air and wipe samples collected on June 19, 2015. All the air samples are below detection limit. All the wipe samples are within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, June 23, 2015 1:34 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:ab3ae174-4f3b-4e90-aafa-b20017fc29a5]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/23/15 9:19 AM
Collected: 6/19/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S806 *Lab ID* 341506072-0001 *Collected:* 6/19/2015
18th Floor At Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	882 L	<4.5 µg/m³

Client Sample Description S807 *Lab ID* 341506072-0002 *Collected:* 6/19/2015
(b)(4) *(ADS) Inside The Work*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	890 L	<4.5 µg/m³

Client Sample Description S808 *Lab ID* 341506072-0003 *Collected:* 6/19/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	890 L	<4.5 µg/m³

Client Sample Description S809 *Lab ID* 341506072-0004 *Collected:* 6/19/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	890 L	<4.5 µg/m³

Client Sample Description S810 *Lab ID* 341506072-0005 *Collected:* 6/19/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	890 L	<4.5 µg/m³

Client Sample Description S811 *Lab ID* 341506072-0006 *Collected:* 6/19/2015
10th Floor Exterior Center

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	890 L	<4.5 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/23/2015 13:33:03

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/23/15 9:19 AM
Collected: 6/19/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S812 *Lab ID* 341506072-0007 *Collected:* 6/19/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW263 *Lab ID* 341506072-0008 *Collected:* 6/19/2015
Outside 9th Floor Exterior Tunnel Roof

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/23/2015	144 in²	580 µg/ft²

Client Sample Description SCGW264 *Lab ID* 341506072-0009 *Collected:* 6/19/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/23/2015	144 in²	35 µg/ft²

Client Sample Description SCGW265 *Lab ID* 341506072-0010 *Collected:* 6/19/2015
Outside The 13h Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/23/2015	144 in²	46 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 06/23/2015 13:33:03

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company QHC Environmental Engineering, Inc.	**EMSL-Bill to** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City Tampa **State/Province** FL	**Zip/Postal Code** 33609 **Country** United States
Report To (Name) (b)(4)	**Telephone #** 813-626-8156
Email Address (b)(4)	**Fax #** 813-623-6702 **Purchase Order:**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U S State Samples Taken: MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* 24 ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other.				☐

Name of Sampler (b)(4) **Signature of Sampler.** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S806	18th Floor at Critical Barrier	882L	6/19/15 8:40am 4:01pm
S807	(b)(4) (ADS)Inside the work area under repair	890L	6/19/15 8:45am 4:10pm
S808	Inside 13th Fl Decon	890L	6/19/15 8:45am 4:10pm
S809	Outside13th Fl Decon	890L	6/19/15 8:45am 4:10pm
S810	Below 13th Fl Decon	890L	6/19/15 8:46am 4:11pm

Client Sample #'s S806 - S812 SC6W263 → SC6W265 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date** 6/19/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date** 6/23/15 **Time:** 9:19am

Comments

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S811	10th Floor Exterior Center	890L	6/19/15 8:50am 4:15pm
S812	Blank	0L	6/19/15
SCGW263	Outside 9th Fl Exterior Tunnel Roof	12x12	6/19/15
SCGW264	Inside the 13th Floor Decon	12x12	6/19/15
SCGW265	Outside the 13th Floor Decon	12x12	6/19/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/29/2015 03:57 AM

4 attachments

ATT00001.png [redacted] pdf image001.png

Attached please find the test results for the air and wipe samples collected on June 20, 2015. All the air are below detection limit. All the wipe samples are well within acceptable limits.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, June 23, 2015 1:32 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:9677d7de-b87e-48c3-bb18-7fd206c95b07]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/23/15 9:19 AM
Collected: 6/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S813 *Lab ID* 341506071-0001 *Collected:* 6/20/2015
18th Floor At Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	922 L	<4.3 µg/m³

Client Sample Description S814 *Lab ID* 341506071-0002 *Collected:* 6/20/2015
Inside The Work Area Under Repair

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	908 L	<4.4 µg/m³

Client Sample Description S815 *Lab ID* 341506071-0003 *Collected:* 6/20/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	908 L	<4.4 µg/m³

Client Sample Description S816 *Lab ID* 341506071-0004 *Collected:* 6/20/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	908 L	<4.4 µg/m³

Client Sample Description S817 *Lab ID* 341506071-0005 *Collected:* 6/20/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	908 L	<4.4 µg/m³

Client Sample Description S818 *Lab ID* 341506071-0006 *Collected:* 6/20/2015
10th Fl Exterior Center

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	900 L	<4.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/23/2015 13:31:28

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/23/15 9:19 AM
Collected: 6/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S819 *Lab ID* 341506071-0007 *Collected:* 6/20/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/23/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW266 *Lab ID* 341506071-0008 *Collected:* 6/20/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/23/2015	144 in²	110 µg/ft²

Client Sample Description SCGW267 *Lab ID* 341506071-0009 *Collected:* 6/20/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/23/2015	144 in²	42 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/23/2015 13:31:28

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5867
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments *Third Party Billing requires written authorization from third party*	
Street 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U S State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S813	18th Floor at Critical Barrier	922L	6/20/15 7:50am 3:31pm
S814	Inside the work area under repair	908L	6/20/15 8:01am 3:35pm
S815	Inside 13th Fl Decon	908L	6/20/15 8:01am 3:35pm
S816	Outside13th Fl Decon	908L	6/20/15 8:01am 3:35pm
S817	Below 13th Fl Decon	908L	6/20/15 8:02am 3:36pm

Client Sample #'s S813 - S819 SCBW266 SCBW267 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 6/20/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 6/23/15 **Time:** 9:19 am

Comments Sample # S814 (b)(4) WENT TO AREA SAMPLE. FOUND SITTING INSIDE CONT

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S818	10th Floor Exterior Center	900L	6/20/15 8:10am 3:40pm
S819	Blank	0L	6/20/15
SCGW266	Inside the 13th Floor Decon	12x12	6/20/15
SCGW267	Outside the 13th Floor Decon	12x12	6/20/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 06/29/2015 03:53 AM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test results for the wipe and air samples collected on June 22, 2015. All the air samples are below detection limit. All the wipe samples are well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, June 24, 2015 4:44 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:3ff995c4-aa00-48ce-ab09-b79cf71d308c]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/24/15 8:51 AM
Collected: 6/22/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S820	6/22/2015	6/24/2015	910 L	4.4 µg/m³	<4.4 µg/m³
341506111-0001	Site: 18th Floor at Critical Barrier				
S821	6/22/2015	6/24/2015	872 L	4.6 µg/m³	<4.6 µg/m³
341506111-0002	Site: (b)(4) (ADS) Inside the Work Area Under Repair				
S822	6/22/2015	6/24/2015	872 L	4.6 µg/m³	<4.6 µg/m³
341506111-0003	Site: Inside 13 Fl Decon				
S823	6/22/2015	6/24/2015	872 L	4.6 µg/m³	<4.6 µg/m³
341506111-0004	Site: Inside 13th Fl Decon				
S824	6/22/2015	6/24/2015	872 L	4.6 µg/m³	<4.6 µg/m³
341506111-0005	Site: Below 13th Fl Decon				
S825	6/22/2015	6/24/2015	850 L	4.7 µg/m³	<4.7 µg/m³
341506111-0006	Site: 10th Floor Exterior Center				
S826	6/22/2015	6/24/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341506111-0007	Site: Blank				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/24/2015 16:43:33

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/24/15 8:51 AM
Collected: 6/22/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW268	6/22/2015	6/24/2015	144 in²	10 µg/ft²	36 µg/ft²
341506111-0008	Site: Inside the 13th Floor Decon				
SCGW269	6/22/2015	6/24/2015	144 in²	10 µg/ft²	41 µg/ft²
341506111-0009	Site: Outside the 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 06/24/2015 16:43:33

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to.** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City Tampa	**State/Province.** FL	**Zip/Postal Code** 33609	**Country** United States
Report To (Name) (b)(4)		**Telephone #** 813-626-8156	
Email Address. (b)(4)		**Fax #:** 813-623-6702	**Purchase Order**
Project Name/Number Stennis B1 B2 Test Stand		**Please Provide Results** ☐ FAX ☑ E-mail ☐ Mail	
U S State Samples Taken MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler.** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S820	18th Floor at Critical Barrier	910L	6/22/15 9:05am 4:40pm
S821	(b)(4) (ADS)Inside the work area under repair	872L	6/22/15 9:10am 4:26pm
S822	Inside 13th Fl Decon	872L	6/22/15 9:10am 4:26pm
S823	Outside13th Fl Decon	872L	6/22/15 9:10am 4:26pm
S824	Below 13th Fl Decon	872L	6/22/15 9:12am 4:28pm

Client Sample #'s S820 - S826 SCBW 268 SCBW 269 **Total # of Samples** 9

Relinquished (Client). (b)(4) **Date:** 6/22/15 **Time:** 5:30 pm

Received (L (b)(4) **Date:** 6/24/15 **Time** 8:15am

Comments

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S825	10th Floor Exterior Center	850L	6/22/15 9:15am 4:20pm
S826	Blank	0L	6/22/15
SCGW268	Inside the 13th Floor Decon	12x12	6/22/15
SCGW269	Outside the 13th Floor Decon	12x12	6/22/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/29/2015 03:51 AM

4 attachments

ATT00001.png

[redacted]

pdf

image001.png

Attached please find the test results for the wipe and air samples collected on June 23, 2015. All the samples are below detection limit.

[redacted], MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell:
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, June 25, 2015 2:37 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:d510f860-a692-40ad-ad80-c6891cee6368]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

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5125 Adanson Street, Suite 900, Orlando, FL 32804
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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/25/15 9:37 AM
Collected: 6/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S827 *Lab ID* 341506167-0001 *Collected:* 6/23/2015
18th Floor at Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1174 L	<3.4 µg/m³

Client Sample Description S828 *Lab ID* 341506167-0002 *Collected:* 6/23/2015
Inside the Work Area Under Repair

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1122 L	<3.6 µg/m³

Client Sample Description S829 *Lab ID* 341506167-0003 *Collected:* 6/23/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1122 L	<3.6 µg/m³

Client Sample Description S830 *Lab ID* 341506167-0004 *Collected:* 6/23/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1122 L	<3.6 µg/m³

Client Sample Description S831 *Lab ID* 341506167-0005 *Collected:* 6/23/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1108 L	<3.6 µg/m³

Client Sample Description S832 *Lab ID* 341506167-0006 *Collected:* 6/23/2015
10th Floor Exterior Center

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	1086 L	<3.7 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/25/2015 14:36:52

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/25/15 9:37 AM
Collected: 6/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S833 *Lab ID* 341506167-0007 *Collected:* 6/23/2015
(b)(4) *(ADS) NE Pier 7th Level I*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	770 L	<5.2 µg/m³

Client Sample Description S834 *Lab ID* 341506167-0008 *Collected:* 6/23/2015
NE Pier 7th Level Inbed Spot Abateme

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	770 L	<5.2 µg/m³

Client Sample Description S835 *Lab ID* 341506167-0009 *Collected:* 6/23/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/25/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW270 *Lab ID* 341506167-0010 *Collected:* 6/23/2015
Inside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/25/2015	144 in²	170 µg/ft²

Client Sample Description SCGW271 *Lab ID* 341506167-0011 *Collected:* 6/23/2015
Outside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/25/2015	144 in²	75 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/25/2015 14:36:52

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City Tampa	**State/Province** FL	**Zip/Postal Code** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #** 813-623-6702	**Purchase Order**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S827	18th Floor at Critical Barrier	1174L	6/23/15 7:15am 5:02pm
S828	Inside the work area under repair	1122L	6/23/15 7:19am 4:40pm
S829	Inside 13th Fl Decon	1122L	6/23/15 7:19am 4:40pm
S830	Outside13th Fl Decon	1122L	6/23/15 7:19am 4:40pm
S831	Below 13th Fl Decon	1108L	6/23/15 7:21am 4:35pm

Client Sample #'s: S827 - S835 SCGW270 SCGW271 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 6/23/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6/25/15 **Time:** 9:37am

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*.

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S832	10th Floor Exterior Center	1086L	6/23/15 7.30am 4.33pm
S833	(b)(4) ADS)NE Pier 7th level inbed spot abatement	770L	6/23/15 8:05am 2:30pm
S834	N E Pier 7th level inbed spot abatement	770L	6/23/15 8:05am 2:30pm
S835	Blank		6/23/15
SCGW270	Inside the 13th Floor Decon	12x12	6/23/15
SCGW271	Outside the 13th Floor Decon	12x12	6/23/15

Comments/Special Instructions.

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/29/2015 03:49 AM

4 attachments

ATT00001.png

[redacted]

pdf

image001.png

Attached please find the test results for the air and wipe samples collected on June 24. All the air samples are below detection limit. All the wipe samples are well within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell:
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, June 26, 2015 1:28 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:8e139b77-6ef3-497c-bda5-687f6e11ab64]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/26/15 8:59 AM
Collected: 6/24/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S836 *Lab ID* 341506210-0001 *Collected:* 6/24/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/26/2015	850 L	<4.7 µg/m³

Client Sample Description S837 *Lab ID* 341506210-0002 *Collected:* 6/24/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/26/2015	850 L	<4.7 µg/m³

Client Sample Description S838 *Lab ID* 341506210-0003 *Collected:* 6/24/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/26/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW272 *Lab ID* 341506210-0004 *Collected:* 6/24/2015
Inside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/26/2015	144 in²	49 µg/ft²

Client Sample Description SCGW273 *Lab ID* 341506210-0005 *Collected:* 6/24/2015
Outside the 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/26/2015	144 in²	54 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/26/2015 13:27:38

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company	OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments*	
Street	5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846 6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S836	Inside 13th Fl Decon	850L	6/24/15 1:20pm 8:25pm
S837	Outside13th Fl Decon	850L	6/24/15 1:20pm 8:25pm
S838	Blank	0L	6/24/15
SCGW272	Inside the 13th Floor Decon	12x12	6/24/15
SCGW273	Outside the 13th Floor Decon	12x12	6/24/15

Client Sample #'s: S836 - S838 SCGW 272 SCGW273 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 6/24/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6-26-15 **Time:** 8:59am

Comments: THESE WILL BE THE LAST SET OF SAMPLES TILL JUNE 30TH, 2015 THANKS !! (b)(4)

Page 1 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: July 17, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**N/A**	**422**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13.20 Air & Wipe Samples 6-12 thru 7-13-

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9 (h)
1	Air & Wipe Samples Collected 6-12-15 & 6-13-15	OHC	3	3.4.1.1.c	-	-	
2	Air & Wipe Samples Collected 7-1-15	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe Samples Collected 7-2-15	OHC	3	3.4.1.1.c	-	-	-
4	Air & Wipe Samples Collected 7-10-15	OHC	3	3.4.1.1.c	-	-	-
5	Air & Wipe Samples Collected 7-11-15	OHC	3	3.4.1.1.c	-	-	-
6	Air & Wipe Samples Collected 7-13-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

SSC-581 (08/2006) (MS WORD 2003) C.G. (08/2006) PC

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 06/17/2015 04:41 AM

4 attachments

ATT00001.png [redacted] pdf image001.png

Attached please find the test results for the air and wipe samples collected on June 12 and 13, 2015. All the air samples are below detection level. All the wipe samples are well within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell:
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, June 16, 2015 1:10 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:f6a5e1ae-8abc-4fc3-8b53-3b1cdb9e9c55]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/16/15 8:48 AM
Collected: 6/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S753 *Lab ID* 341505823-0001 *Collected:* 6/12/2015
18th Floor At Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1180 L	<3.4 µg/m³

Client Sample Description S754 *Lab ID* 341505823-0002 *Collected:* 6/12/2015
(b)(4) *(ADS) Inside S Contain*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S755 *Lab ID* 341505823-0003 *Collected:* 6/12/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S756 *Lab ID* 341505823-0004 *Collected:* 6/12/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S757 *Lab ID* 341505823-0005 *Collected:* 6/12/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S758 *Lab ID* 341505823-0006 *Collected:* 6/12/2015
Outside Exterior Fire Exit 10 Fl Below

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/16/2015 13:09:10

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/16/15 8:48 AM
Collected: 6/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S759 *Lab ID* 341505823-0007 *Collected:* 6/12/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S760 *Lab ID* 341505823-0008 *Collected:* 6/12/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	1048 L	<3.8 µg/m³

Client Sample Description S761 *Lab ID* 341505823-0009 *Collected:* 6/12/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW251 *Lab ID* 341505823-0010 *Collected:* 6/12/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/16/2015	144 in²	52 µg/ft²

Client Sample Description SCGW252 *Lab ID* 341505823-0011 *Collected:* 6/12/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/16/2015	144 in²	30 µg/ft²

Client Sample Description S762 *Lab ID* 341505823-0012 *Collected:* 6/13/2015
18th Floor At Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	872 L	<4.6 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/16/2015 13:09:10

EMSL Analytical, Inc.
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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
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ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/16/15 8:48 AM
Collected: 6/13/2015

Project: Stennis B1 B2 Test Stand

Test Report

Client Sample Description S763 *Lab ID* 341505823-0013 *Collected:* 6/13/2015
(b)(4) *(ADS) Inside Corvett*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	840 L	<4.8 µg/m³

Client Sample Description S764 *Lab ID* 341505823-0014 *Collected:* 6/13/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	840 L	<4.8 µg/m³

Client Sample Description S765 *Lab ID* 341505823-0015 *Collected:* 6/13/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	840 L	<4.8 µg/m³

Client Sample Description S766 *Lab ID* 341505823-0016 *Collected:* 6/13/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	840 L	<4.8 µg/m³

Client Sample Description S767 *Lab ID* 341505823-0017 *Collected:* 6/13/2015
Outside The Corvette

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	840 L	<4.8 µg/m³

Client Sample Description S768 *Lab ID* 341505823-0018 *Collected:* 6/13/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	850 L	<4.7 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 06/16/2015 13:09:10

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EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
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5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 06/16/15 8:48 AM
Collected: 6/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S769 *Lab ID* 341505823-0019 *Collected:* 6/13/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	850 L	<4.7 µg/m³

Client Sample Description S770 *Lab ID* 341505823-0020 *Collected:* 6/13/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	6/16/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW253 *Lab ID* 341505823-0021 *Collected:* 6/13/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/16/2015	144 in²	200 µg/ft²

Client Sample Description SCGW254 *Lab ID* 341505823-0022 *Collected:* 6/13/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	6/16/2015	144 in²	41 µg/ft²

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 06/16/2015 13:09:10

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5867
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same *If Bill to is Different note instructions in Comments***
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ **If no box is checked, non-ASTM Wipe is assumed*	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S762	18th Floor at Critical Barrier	872L	6/13/15 8:46am 4:02pm
S763	(b)(4) ADS) Inside Corvette Spot Abatement	840L	6/13/15 8:55am 3:20pm
S764	Inside 13th Fl Decon	840L	6/13/15 9:05am 3:30pm
S765	Outside13th Fl Decon	840L	6/13/15 9:05am 3:30pm
S766	Below 13th Fl Decon	840L	6/13/15 9:07am 3:32pm

Client Sample #'s: S762 - S770 SCGW253 SCGW254 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 6/13/15 **Time:** 5:30 pm

Received (Lab): **Date:** 6/16/15 **Time:** 9:48

Comments:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S767	Outside the Corvette	840L	6/13/15 8:55am 3:20pm
S768	Outside Exterior 10th Fl East	850L	6/13/15 9:10am 3:50pm
S769	Outside Exterior 10th Fl West	850L	6/13/15 9:10am 3:50pm
S770	Blank		6/13/15
SCGW253	Inside the 13th Floor Decon	12x12	6/13/15
SCGW254	Outside the 13th Floor Decon	12x12	6/13/15

Comments/Special Instructions

Page 2 of 2 pages

FW: EMSL report for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/04/2015 05:44 AM

Attached please find the test results for air and wipe samples collected on July 1, 2014. All the air samples were below detection limit except for the blaster which was above the PEL. the blaster is wearing proper PPE for this exposure level. The wipe samples are well within acceptable ranges.

(b)(4), MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, July 03, 2015 3:30 PM
To: (b)(4)
Subject: EMSL report for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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ATT00001.png [redacted] image001.png

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EMSL Order: (b)(4)
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Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/03/15 8:45 AM
Collected: 7/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S848	7/1/2015	7/3/2015	1090 L	3.7 µg/m³	<3.7 µg/m³
341506455-0001	Site: 18th Floor At Critical Barrier				
S849	7/1/2015	7/3/2015	1030 L	3.9 µg/m³	420 µg/m³
341506455-0002	Site: (b)(4) (ADS) Blasting Inside The 18th Fl. S C				
S850	7/1/2015	7/3/2015	1030 L	3.9 µg/m³	<3.9 µg/m³
341506455-0003	Site: Inside 13th Fl Decon				
S851	7/1/2015	7/3/2015	1030 L	3.9 µg/m³	<3.9 µg/m³
341506455-0004	Site: Outside 13th Fl Decon				
S852	7/1/2015	7/3/2015	1030 L	3.9 µg/m³	<3.9 µg/m³
341506455-0005	Site: Below 13th Fl Decon				
S853	7/1/2015	7/3/2015	1002 L	4.0 µg/m³	<4.0 µg/m³
341506455-0006	Site: Outside Exterior 10th Fl Center				
S854	7/1/2015	7/3/2015	1002 L	4.0 µg/m³	<4.0 µg/m³
341506455-0007	Site: Outside Exterior 10th Fl East				
S855	7/1/2015	7/3/2015	1002 L	4.0 µg/m³	<4.0 µg/m³
341506455-0008	Site: Outside Exterior 10th Fl West				
S856	7/1/2015	7/3/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341506455-0009	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 07/03/2015 15:28:52

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Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/03/15 8:45 AM
Collected: 7/1/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW276	7/1/2015	7/3/2015	144 in²	10 µg/ft²	81 µg/ft²
341506455-0010	Site: Inside The 13th Floor Decon				
SCGW277	7/1/2015	7/3/2015	144 in²	10 µg/ft²	150 µg/ft²
341506455-0011	Site: Outside The 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/03/2015 15:28:52

OrderID: (b)(4)

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FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province** FL	**Zip/Postal Code** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846 1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846 7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other*				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S848	18th Floor at Critical Barrier	1090L	7/01/15 6:55am 4:00pm
S849	(b)(4) (ADS) Blasting Inside the 18th Fl S Containment	1030L	7/01/15 7:10am 3:45pm
S850	Inside 13th Fl Decon	1030L	7/01/15 7:10am 3:45pm
S851	Outside13th Fl Decon	1030L	7/01/15 7:10am 3:45pm
S852	Below 13th Fl Decon	1030L	7/01/15 7:11am 3:46pm

Client Sample #'s S848 - S852 SCGW276 SCGW277 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 7/01/15 **Time:** 5:30 pm

Received (Lab): (b)(4) **Date:** 7/3/15 **Time:** 8:45

Comments

No. 7/3/15

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S853	Outside Exterior 10th Fl Center	1002L	7/01/15 7:14am 3:35pm
S854	Outside Exterior 10th Fl East	1002L	7/01/15 7:14am 3:35pm
S855	Outside Exterior 10th Fl West	1002L	7/01/15 7:14am 3:35pm
S856	Blank	0L	7/01/15
SCGW276	Inside the 13th Floor Decon	12x12	7/01/15
SCGW277	Outside the 13th Floor Decon	12x12	7/01/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 07/07/2015 04:53 PM

Attached please find the test results for the air and wipe samples collected on July 2, 2015. All the samples are well within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, July 07, 2015 1:20 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:a109f774-84a6-4ac7-b440-b6ce88ef8e8c]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/07/15 8:42 AM
Collected: 7/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S857 *Lab ID* 341506508-0001 *Collected:* 7/2/2015
18th Floor At Critical Barrier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	1126 L	<3.6 µg/m³

Client Sample Description S858 *Lab ID* 341506508-0002 *Collected:* 7/2/2015
(b)(4) *(ADS) Blasting Inside 18th*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	1060 L	<3.8 µg/m³

Client Sample Description S859 *Lab ID* 341506508-0003 *Collected:* 7/2/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	1060 L	<3.8 µg/m³

Client Sample Description S860 *Lab ID* 341506508-0004 *Collected:* 7/2/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	1060 L	<3.8 µg/m³

Client Sample Description S861 *Lab ID* 341506508-0005 *Collected:* 7/2/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	1010 L	<4.0 µg/m³

Client Sample Description S862 *Lab ID* 341506508-0006 *Collected:* 7/2/2015
Outside Exterior 10th Fl Center

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	960 L	<4.2 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/07/2015 13:18:39

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (b)(4)
Fax: (813) 623-6702
Received: 07/07/15 8:42 AM
Collected: 7/2/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S863 *Lab ID* 341506508-0007 *Collected:* 7/2/2015
Outside Exterior 10th Fl East

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	960 L	<4.2 µg/m³

Client Sample Description S864 *Lab ID* 341506508-0008 *Collected:* 7/2/2015
Outside Exterior 10th Fl West

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	960 L	<4.2 µg/m³

Client Sample Description S865 *Lab ID* 341506508-0009 *Collected:* 7/2/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/7/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW278 *Lab ID* 341506508-0010 *Collected:* 7/2/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/7/2015	144 in²	<10 µg/ft²

Client Sample Description SCGW279 *Lab ID* 341506508-0011 *Collected:* 7/2/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/7/2015	144 in²	23 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/07/2015 13:18:39

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments*
Street 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #** 813-626-8156
Email Address (b)(4)	**Fax #.** 813-623-6702 **Purchase Order.**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other.				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S857	18th Floor at Critical Barrier	1126L	7/02/15 7:02am 4:25pm
S858	(b)(4) AQS) Blasting Inside the 18th Fl S Containment	1060L	7/02/15 7:25am 4:15pm
S859	Inside 13th Fl Decon	1060L	7/02/15 7:25am 4:15pm
S860	Outside13th Fl Decon	1060L	7/02/15 7:25am 4:15pm
S861	Below 13th Fl Decon	1010L	7/02/15 7:35am 4:00pm

Client Sample #'s S857 - S865 SCCW278 SCCW279 **Total # of Samples** 11

Relinquished (Client): (b)(4) **Date:** 7/02/15 **Time** 5:30 pm

Received (Lab): **Date:** 7/7/15 **Time** 8:42am

Comments

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S862	Outside Exterior 10th Fl Center	960L	7/02/15 7:50am 3:50pm
S863	Outside Exterior 10th Fl East	960L	7/02/15 7:50am 3:50pm
S864	Outside Exterior 10th Fl West	960L	7/02/15 7:50am 3:50pm
S865	Blank	0L	7/02/15
SCGW278	Inside the 13th Floor Decon	12x12	7/02/15
SCGW279	Outside the 13th Floor Decon	12x12	7/02/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/17/2015 05:33 AM

Attached please find the test results for the air and wipe samples collected on July 10, 2015. All the air samples were within acceptables levels. One of the wipe sample collected outside the decon on level 13 was elevated. ADS was instructed to clean up the area.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, July 15, 2015 12:00 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/14/15 9:30 AM
Collected: 7/10/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
S884 *341506767-0001*	7/10/2015 Site: 18th Fl Inside Soft Core	7/14/2015	180 L	22 µg/m³	<22 µg/m³
S885 *341506767-0002*	7/10/2015 Site: (b)(4) ADS) Inside South Side Containment	7/14/2015	750 L	5.3 µg/m³	12 µg/m³
S886 *341506767-0003*	7/10/2015 Site: Inside 13th Fl Decon	7/14/2015	750 L	5.3 µg/m³	<5.3 µg/m³
S887 *341506767-0004*	7/10/2015 Site: Outside 13th Fl Decon	7/14/2015	750 L	5.3 µg/m³	<5.3 µg/m³
S888 *341506767-0005*	7/10/2015 Site: Below 13th Fl Decon	7/14/2015	746 L	5.4 µg/m³	<5.4 µg/m³
S889 *341506767-0006*	7/10/2015 Site: Outside 10th Fl Center Exterior	7/14/2015	720 L	5.6 µg/m³	<5.6 µg/m³
S890 *341506767-0007*	7/10/2015 Site: Outside 10th Fl East Exterior	7/14/2015	720 L	5.6 µg/m³	<5.6 µg/m³
S891 *341506767-0008*	7/10/2015 Site: Outside 10th Fl West Exterior	7/14/2015	720 L	5.6 µg/m³	<5.6 µg/m³
S892 *341506767-0009*	7/10/2015 Site: Blank	7/14/2015	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Report Amended: 07/15/2015 11:58:50 Replaces the Inital Report 07/14/2015 16:21:56. Reason Code: Client-Change to Sample ID

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/14/15 9:30 AM
Collected: 7/10/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
SCGW284	7/10/2015	7/14/2015	144 in²	10 µg/ft²	61 µg/ft²
341506767-0010	Site: Inside The 13th Floor Decon				
SCGW285	7/10/2015	7/14/2015	144 in²	10 µg/ft²	380 µg/ft²
341506767-0011	Site: Outside The 13th Floor Decon				

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/14/2015 16:21:56

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country** United States
Report To (Name): (b)(4)		**Telephone #** 813-626-8156	
Email Address (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis BT B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1 0 µg/wipe	☐
	SW846 7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S844	18th floor Inside Soft Core	180L	7/10/15 1:20pm 2:50pm
S845	(b)(4) (ADS) Inside the South Side Containment	750L	7/10/15 8:35am 2:50pm
S846	Inside 13th Fl Decon	750L	7/10/15 8:35am 2:50pm
S847	Outside13th Fl Decon	750L	7/10/15 8:35am 2:50pm
S848	Below 13th Fl Decon	746L	7/10/15 8:36am 2:49pm

Client Sample #'s S844 ~~S845~~ SCGW284 SCGW285 **Total # of Samples** #11

Relinquished (Client): (b)(4) **Date:** 7/10/15 **Time** 5:30 pm

Received (Lab): **Date:** 7/11/15 **Time:** 9:30

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S849	Outside 10th Fl Center Exterior	720L	7/10/15 8:40pm 2:40pm
S850	Outside 10th Fl East Exterior	720L	7/10/15 8:40pm 2:40pm
S851	Outside 10th Fl West Exterior	720L	7/10/15 8:40pm 2:40pm
S852	Blank	0L	7/10/15
SCGW284	Inside the 13th Floor Decon	12x12	7/10/15
SCGW285	Outside the 13th Floor Decon	12x12	7/10/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 07/17/2015 05:36 AM

Attached please find the test results for the samples collected on July 11, 2015. All the air and wipe samples are within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, July 15, 2015 11:58 AM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:2cb0f55b-a357-4126-bb7d-f59b48e303ad]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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ATT00001.png [redacted] pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/14/15 9:30 AM
Collected: 7/11/2015

Project: Stennis B1 B2 Test Stand

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
S893 341506765-0001	7/11/2015	7/14/2015	1090 L Site: 18th Floor Inside Soft Core	3.7 µg/m³	<3.7 µg/m³
S894 341506765-0002	7/11/2015	7/14/2015	896 L Site: (b)(4) (ADS) Blasting Inside S. Containme	4.5 µg/m³	43 µg/m³
S895 341506765-0003	7/11/2015	7/14/2015	1016 L Site: Inside 13th Fl Decon	3.9 µg/m³	<3.9 µg/m³
S896 341506765-0004	7/11/2015	7/14/2015	1016 L Site: Outside 13th Fl Decon	3.9 µg/m³	<3.9 µg/m³
S897 341506765-0005	7/11/2015	7/14/2015	1016 L Site: Below 13th Fl Decon	3.9 µg/m³	<3.9 µg/m³
S898 341506765-0006	7/11/2015	7/14/2015	1000 L Site: Outside 10th Fl Center Exterior	4.0 µg/m³	<4.0 µg/m³
S899 341506765-0007	7/11/2015	7/14/2015	1000 L Site: Outside 10th Fl East Exterior	4.0 µg/m³	<4.0 µg/m³
S900 341506765-0008	7/11/2015	7/14/2015	750 L Site: Outside 10th Fl West Exterior	5.3 µg/m³	<5.3 µg/m³
S901 341506765-0009	7/11/2015	7/14/2015	750 L Site: (b)(4) (Natal) Inside S. Side Containment	5.3 µg/m³	<5.3 µg/m³
S902 341506765-0010	7/11/2015	7/14/2015	0 L Site: Blank	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Report Amended: 07/15/2015 11:56:34 Replaces the Inital Report 07/14/2015 16:20:21. Reason Code: Client-Change to Sample ID

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846 7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846 1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846 1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other*				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S853	18th floor Inside Soft Core	1090L	7/11/15 8:00am 3:05pm
S854	(b)(4) (ADS) Blasting Inside the S. Containment	896L	7/11/15 6:12am 1:40pm
S855	Inside13th Fl Decon	1016L	7/11/15 6:12am 2:40pm
S856	Outside13th Fl Decon	1016L	7/11/15 6:12am 2:40pm
S857	Below 13th Fl Decon	1016L	7/11/15 6:13am 2:41pm

Client Sample #'s: S853 -S862 SCGW286 SCGW287 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 7/11/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7/14/15 **Time:** 9:30AM

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S858	Outside 10th Fl Center Exterior	1000L	7/11/15 6:15am 2:35pm
S859	Outside 10th Fl East Exterior	1000L	7/11/15 6:15am 2:35pm
S860	Outside 10th Fl West Exterior	750L	7/11/15 6:15am 1:30pm
S861	(b)(4) (Natal) Inside the S. Side Containment/Priming	750L	7/11/15 1:40pm 7:55pm
S862	Blank		7/11/15
SCGW286	Inside the 13th Floor Decon	12x12	7/11/15
SCGW287	Outside the 13th Floor Decon	12x12	7/11/15

Comments/Special Instructions

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/17/2015 05:28 AM

Attached please find the test results for air and wipe samples collected on July 13. All the air samples were below detection limit except for the blaster. The blaster was wearing proper protective equipment for the exposure level detected. The wipe samples were all within acceptable limits.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, July 15, 2015 2:11 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:5d75ab80-2c71-4809-979c-cc7f4518f390]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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ATT00001.png [redacted] (b)(4) [redacted] pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/15/15 8:45 AM
Collected: 7/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S903 *Lab ID* 341506823-0001 *Collected:* 7/13/2015
17th Fl Inside Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1120 L	<3.6 µg/m³

Client Sample Description S904 *Lab ID* 341506823-0002 *Collected:* 7/13/2015
(b)(4) *(ADS) Blasting 17th*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	480 L	60 µg/m³

Client Sample Description S905 *Lab ID* 341506823-0003 *Collected:* 7/13/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1180 L	<3.4 µg/m³

Client Sample Description S906 *Lab ID* 341506823-0004 *Collected:* 7/13/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1180 L	<3.4 µg/m³

Client Sample Description S907 *Lab ID* 341506823-0005 *Collected:* 7/13/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1180 L	<3.4 µg/m³

Client Sample Description S908 *Lab ID* 341506823-0006 *Collected:* 7/13/2015
Outside 10th Fl Center Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1090 L	<3.7 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/15/2015 14:10:39

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/15/15 8:45 AM
Collected: 7/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S909 *Lab ID* 341506823-0007 *Collected:* 7/13/2015
Outside 10th Fl East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	1090 L	<3.7 µg/m³

Client Sample Description S910 *Lab ID* 341506823-0008 *Collected:* 7/13/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	630 L	<6.3 µg/m³

Client Sample Description S911 *Lab ID* 341506823-0009 *Collected:* 7/13/2015
(b)(4) *Natal) Primer Paint 17th*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	320 L	<13 µg/m³

Client Sample Description S912 *Lab ID* 341506823-0010 *Collected:* 7/13/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/15/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW288 *Lab ID* 341506823-0011 *Collected:* 7/13/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/15/2015	144 in²	<10 µg/ft²

Client Sample Description SCGW28 *Lab ID* 341506823-0012 *Collected:* 7/13/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/15/2015	144 in²	50 µg/ft²

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 07/15/2015 14:10:39

OrderID: (b)(4)

Revised COC from 7/15/15

(b)(4) (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 80
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only): (b)(4)

Company: OHC Environmental Engineering, Inc.	EMSL-Bill to: ☐ Different ☑ Same If Bill to is Different note instructions in Comments* *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa State/Province: FL	Zip/Postal Code: 33609 Country: United States
Report To (Name): (b)(4)	Telephone #: 813-626-8156
Email Address: (b)(4)	Fax #: 813-623-6702 Purchase Order
Project Name/Number: Stennis B1 B2 Test Stand	Please Provide Results: ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) Signature of Sampler:

Sample #	Location	Volume/Area	Date/Time Sampled
S903 S863	17th floor Inside Soft Core	1120L	7/13/15 8:05am 5:25pm
S904 S864	(b)(4) ADS) Blasting 17th floor Inside S. Containment	480L	7/13/15 9:20am 1:20pm
S905 S865	Inside 13th Fl Decon	1180L	7/13/15 7:30am 5:20pm
S906 S866	Outside13th Fl Decon	1180L	7/13/15 7:30am 5:20pm
S907 S867	Below 13th Fl Decon	1180L	7/13/15 7:31am 5:21pm

Client Sample #'s

Total # of Samples: 12

Relinquished (Client): (b)(4) Date: 7/13/15 Time: 5:30 pm

Received (Lab): Date: 7/15/15 Time: 845 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S868	Outside 10th Fl Center Exterior	1090L	7/13/15 8:10am 5:15pm
S869	Outside 10th Fl East Exterior	1090L	7/13/15 8:10am 5:15pm
S870	Outside 10th Fl West Exterior	630L	7/13/15 8:10am 1:25pm
S871	(b)(4) Metal)Primer Paint 12th fl Inside S. Containment	320L	7/13/15 1:40pm 4:20pm
S872	Blank	0L	7/13/15
SCGW288	Inside the 13th Floor Decon	12x12	7/13/15
SCGW289	Outside the 13th Floor Decon	12x12	7/13/15

Comments/Special Instructions.

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: July 29, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**N/A**	**428**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*
200H0-GA04 02 82 33.13.20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION
SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Air & Wipe Samples Collected 7-14-15	OHC	3	3.4.1.1.C	-	-	
2	Air & Wipe Samples Collected 7-15-15	OHC	3	3.4.1.1.C	-	-	-
-	-	-	3	3.4.1.1.C	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) Stennis B1 B2 Test Stand)

(b)(4) to (b)(4) 07/19/2015 01:49 AM

Attached please find the test results for the air and wipe samples collected on July 15, 2015. All the samples were well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, July 17, 2015 3:25 PM
To:
Cc: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:10bf6b08-5ccf-4963-b0b5-aa3d05fb7d93]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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ATT00001.png [redacted] .pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/17/15 8:50 AM
Collected: 7/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S923 *341506915-0001*	7/15/2015 Site: 14th Floor Inside Soft Core	7/17/2015	1110 L	3.6 µg/m³	<3.6 µg/m³
S924 *341506915-0002*	7/15/2015 Site: (b)(4) (ADS) Clean Up Inside S. Cont.	7/17/2015	1114 L	3.6 µg/m³	5.2 µg/m³
S925 *341506915-0003*	7/15/2015 Site: Inside 13th Fl Decon	7/17/2015	1130 L	3.5 µg/m³	<3.5 µg/m³
S926 *341506915-0004*	7/15/2015 Site: Outside 13th Fl Decon	7/17/2015	1130 L	3.5 µg/m³	<3.5 µg/m³
S927 *341506915-0005*	7/15/2015 Site: Below 13th Fl Decon	7/17/2015	1130 L	3.5 µg/m³	<3.5 µg/m³
S928 *341506915-0006*	7/15/2015 Site: Outside 10th Fl Exterior Center	7/17/2015	1122 L	3.6 µg/m³	<3.6 µg/m³
S929 *341506915-0007*	7/15/2015 Site: Blank	7/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/17/2015 15:24:32

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed*	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S923	14th floor Inside Soft Core	1110L	7/15/15 6:30am 3:45pm
S924	(b)(4) ADS)Clean up Inside S. Cont.	1114L	7/15/15 6:45am 4:02pm
S925	Inside13th Fl Decon	1130L	7/15/15 6:25am 3:50pm
S926	Outside13th Fl Decon	1130L	7/15/15 6:25am 3:50pm
S927	Below 13th Fl Decon	1130L	7/15/15 6:26am 3:51pm

Client Sample #'s: S923 - S929 SCBW292 SCBW293 **Total # of Samples:** 9

Relinquished (Client): (b)(4) **Date:** 7/15/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7-17-15 **Time:** 8:30a

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S928	Outside 10th Fl Exterior Center	1122L	7/15/15 6:30am 3:51pm
S929	Blank	0L	7/15/15
SCGW292	Inside the 13th Floor Decon	12x12	7/15/15
SCGW293	Outside the 13th Floor Decon	12x12	7/15/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/19/2015 01:52 AM

Attached please find the test results for the air and wipe samples collected on July 14, 2015. All the samples were within acceptable levels. Personal samples collected for the blaster exceeded the PEL, the blaster was wearing adequate protection for the level of exposure detected.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, July 17, 2015 3:23 PM
To:
Cc: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/17/15 8:50 AM
Collected: 7/14/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S913	7/14/2015	7/17/2015	1260 L	3.2 µg/m³	<3.2 µg/m³
341506913-0001	Site: 16th Floor Inside Soft Core				
S914	7/14/2015	7/17/2015	620 L	6.5 µg/m³	82 µg/m³
341506913-0002	Site: (b)(4) ADS) Blasting Inside S. Cont.				
S915	7/14/2015	7/17/2015	1250 L	3.2 µg/m³	38 µg/m³
341506913-0003	Site: (b)(4) ADS) Clean Up Inside S. Cont.				
S916	7/14/2015	7/17/2015	1220 L	3.3 µg/m³	<3.3 µg/m³
341506913-0004	Site: Inside 13th Fl Decon				
S917	7/14/2015	7/17/2015	1220 L	3.3 µg/m³	<3.3 µg/m³
341506913-0005	Site: Outside 13th Fl Decon				
S918	7/14/2015	7/17/2015	1220 L	3.3 µg/m³	<3.3 µg/m³
341506913-0006	Site: Below 13th Fl Decon				
S919	7/14/2015	7/17/2015	1200 L	3.3 µg/m³	<3.3 µg/m³
341506913-0007	Site: Outside 10th Fl East Exterior				
S920	7/14/2015	7/17/2015	1200 L	3.3 µg/m³	<3.3 µg/m³
341506913-0008	Site: Outside 10th Fl West Exterior				
S921	7/14/2015	7/17/2015	250 L	16 µg/m³	<16 µg/m³
341506913-0009	Site: (b)(4) Natal) Primer Paint 16th Fl Inside S.				
S922	7/14/2015	7/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341506913-0010	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/17/2015 15:19:53

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/17/15 8:50 AM
Collected: 7/14/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW290	7/14/2015	7/17/2015	144 in²	10 µg/ft²	14 µg/ft²
341506913-0011	Site: Inside The 13th Floor Decon				
SCGW291	7/14/2015	7/17/2015	144 in²	10 µg/ft²	47 µg/ft²
341506913-0012	Site: Outside The 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/17/2015 15:19:53

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company OHC Environmental Engineering, Inc.	**EMSL-Bill to** ☐ Different ☑ Same If Bill to is Different note instructions in Comments *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City Tampa **State/Province** FL	**Zip/Postal Code:** 33609 **Country** United States
Report To (Name) (b)(4)	**Telephone #** 813-626-8156
Email Address (b)(4)	**Fax #** 813-623-6702 **Purchase Order:**
Project Name/Number Stennis B1 B2 Test Stand	**Please Provide Results** ☐ FAX ☑ E-mail ☐ Mail
U.S State Samples Taken MS	**CT Samples** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler (b)(4) **Signature of Sampler** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S913	16th floor Inside Soft Core	1260L	7/14/15 6:25am 4:55pm
S914	(b)(4) (ADS)Blasting Inside S. Containment	620L	7/14/15 6:55am 12:05pm
S915	(b)(4) (ADS) Clean up Inside S. Containment	1250L	7/14/15 6:55am 4:20pm
S916	Inside13th Fl Decon	1220L	7/14/15 6:35am 4:45pm
S917	Outside13th Fl Decon	1220L	7/14/15 6:35am 4:45pm

Client Sample #'s 5913 -5922 SCGW290 SCGW291 **Total # of Samples** 12

Relinquished (Client) (b)(4) **Date** 7/14/15 **Time** 5:30 pm

Received (Lab) **Date** 7-17-15 **Time** 8:50

Comments

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S918	Below 13th Fl Decon	1220L	7/14/15 6:36am 4:46pm
S919	Outside 10th Fl East Exterior	1200L	7/14/15 7:10am 4:50pm
S920	Outside 10th Fl West Exterior	1200L	7/14/15 7:10am 4:50pm
S921	(b)(4) (Natal)Primer Paint 16th fl Inside S. Containment	250L	7/14/15 4:15pm 6:20pm
S922	Blank	0L	7/14/15
SCGW290	Inside the 13th Floor Decon	12x12	7/14/15
SCGW291	Outside the 13th Floor Decon	12x12	7/14/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: August 4, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*

CONTRACT NO. NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**N/A**	**429**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*

200H0-GA04 02 82 33.13.20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION

SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Wipe Samples Collected 7-20-15	OHC	3	3.4.1.1.C	-	-	
2	Air Samples Collected 7-23-15	OHC	3	3.4.1.1.C	-	-	-
3	Air & Wipe Samples Collected 7-25-15	OHC	3	3.4.1.1.C	-	-	-
4	Air & Wipe Samples Collected 7-27-15	OHC	3	3.4.1.1.C	-	-	-
5	Air & Wipe Samples Collected 7-28-15	OHC	3	3.4.1.1.C	-	-	-
6	Air Samples Collected 7-29-15	OHC	3	3.4.1.1.C	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/29/2015 12:18 PM

Cc: (b)(4)

Attached please find the results of the wipe samples collected on July 20, 2015. All the samples are within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, July 23, 2015 1:39 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:3e9677c4-d241-4d0d-ab48-5ed6e5d1b3bf]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/23/15 8:55 AM
Collected: 7/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S952 *Lab ID* 341507129-0001 *Collected:* 7/20/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/23/2015	990 L	<4.0 µg/m³

Client Sample Description S953 *Lab ID* 341507129-0002 *Collected:* 7/20/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/23/2015	990 L	<4.0 µg/m³

Client Sample Description S954 *Lab ID* 341507129-0003 *Collected:* 7/20/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/23/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW300 *Lab ID* 341507129-0004 *Collected:* 7/20/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/23/2015	144 in²	120 µg/ft²

Client Sample Description SCGW301 *Lab ID* 341507129-0005 *Collected:* 7/20/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/23/2015	144 in²	46 µg/ft²

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/23/2015 13:29:02

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S952	Inside13th Fl Decon	990L	7/20/15 7:35am 3:50pm
S953	Outside13th Fl Decon	990L	7/20/15 7:35am 3:50pm
S954	Blank	0L	7/20/15
SCGW300	Inside the 13th Floor Decon	12x12	7/20/15
SCGW301	Outside the 13th Floor Decon	12x12	7/20/15

Client Sample #'s: S952 - S954 SCGW300 SCGW301 **Total # of Samples:** 5

Relinquished (Client): (b)(4) **Date:** 7/20/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7/23/15 **Time:** 8:55AM

Comments:

HO 7/23/15

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/29/2015 11:31 AM

Cc: (b)(4)

Attached please find the test results for samples collected on July 23, 2015. The blaster exposure level is 1,200 ug/m3. Anyone working in the vicinity of the blast operation must use a full face respirator as a minimum. All other air samples are below detection limit.

(b)(4), MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, July 27, 2015 1:12 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:d24ea81b-a999-4f08-8adb-6ed70222f0c3]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
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http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
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ATT00001.png [redacted] (b)(4) .pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/27/15 9:20 AM
Collected: 7/23/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S974	7/23/2015	7/27/2015	1460 L	2.7 µg/m³	<2.7 µg/m³
341507224-0001	Site: 14th Floor Inside Soft Core				
S975	7/23/2015	7/27/2015	1090 L	3.7 µg/m³	1200 µg/m³
341507224-0002	Site: (b)(4) (ADS) Blasting 14th Fl S. Containmen				
S977	7/23/2015	7/27/2015	1416 L	2.8 µg/m³	<2.8 µg/m³
341507224-0003	Site: Inside 13th Fl Decon				
S978	7/23/2015	7/27/2015	1416 L	2.8 µg/m³	<2.8 µg/m³
341507224-0004	Site: Outside 13th Fl Decon				
S979	7/23/2015	7/27/2015	1416 L	2.8 µg/m³	<2.8 µg/m³
341507224-0005	Site: Below 13th Fl Decon				
S980	7/23/2015	7/27/2015	1426 L	2.8 µg/m³	<2.8 µg/m³
341507224-0006	Site: Outside 10th Fl East Exterior				
S981	7/23/2015	7/27/2015	1426 L	2.8 µg/m³	<2.8 µg/m³
341507224-0007	Site: Outside 10th Fl West Exterior				
S982	7/23/2015	7/27/2015	142 L	28 µg/m³	<28 µg/m³
341507224-0008	Site: (b)(4) (Natal) Primer Paint 14th Fl Inside S.				
S983	7/23/2015	7/27/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341507224-0009	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 07/27/2015 13:11:44

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S974	14th floor Inside Soft Core	1460L	7/23/15 5:10am 5:00pm
S975	(b)(4) ADS)Blasting 14th fl S. Containment	1090L	7/23/15 7:15am 1:20pm
S976	VOID	VOID	
S977	Inside13th Fl Decon	1416L	7/23/15 5:13am 5:01pm
S978	Outside13th Fl Decon	1416L	7/23/15 5:13am 5:01pm

Client Sample #'s S974 - S983 SC6W307 - SC6W308 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 7/23/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7-27-15 **Time:** 9:20 am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S979	Below 13th Fl Decon	1416L	7/23/15 5:14am 5:02pm
S980	Outside 10th Fl East Exterior	1426L	7/23/15 5:17am 5:10pm
S981	Outside 10th Fl West Exterior	1426L	7/23/15 5:17am 5:10pm
S982	(b)(4) (Natal)Primer Paint 14th fl Inside S. Containment	142L	7/23/15 3:44pm 4 55pm
S983	Blank	0L	7/23/15
SCGW307	Inside the 13th Floor Decon	12x12	7/23/15
SCGW308	Outside the 13th Floor Decon	12x12	7/23/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 07/30/2015 05:10 AM

4 attachments

ATT00001.png (b)(4) 001.pdf image001.png

Attached please find the test results for the samples collected on July 25, 2015. The air and wipe samples are within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, July 29, 2015 6:07 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:ea2c71f8-9bf6-4137-8608-2ccdd06bd598]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/28/15 9:05 AM
Collected: 7/25/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S993 *Lab ID* 341507344-0001 *Collected:* 7/25/2015
14th Floor Inside Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	850 L	<4.7 µg/m³

Client Sample Description S994 *Lab ID* 341507344-0002 *Collected:* 7/25/2015
(b)(4) *(ADS) Blasting 13th Fl S. Co*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	442 L	<9.0 µg/m³

Client Sample Description S995 *Lab ID* 341507344-0003 *Collected:* 7/25/2015
(b)(4) *(ADS) Clean Up 13th Fl S*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	442 L	17 µg/m³

Client Sample Description S996 *Lab ID* 341507344-0004 *Collected:* 7/25/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	844 L	<4.7 µg/m³

Client Sample Description S997 *Lab ID* 341507344-0005 *Collected:* 7/25/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	844 L	<4.7 µg/m³

Client Sample Description S998 *Lab ID* 341507344-0006 *Collected:* 7/25/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	844 L	<4.7 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/29/2015 18:06:06

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/28/15 9:05 AM
Collected: 7/25/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S999 *Lab ID* 341507344-0007 *Collected:* 7/25/2015
Outside 10th Fl East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	840 L	<4.8 µg/m³

Client Sample Description S1000 *Lab ID* 341507344-0008 *Collected:* 7/25/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	840 L	<4.8 µg/m³

Client Sample Description S1001 *Lab ID* 341507344-0009 *Collected:* 7/25/2015
(b)(4) *(Natal) Primer Paint 14t*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	320 L	<13 µg/m³

Client Sample Description S1002 *Lab ID* 341507344-0010 *Collected:* 7/25/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW312 *Lab ID* 341507344-0011 *Collected:* 7/25/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/29/2015	144 in²	<10 µg/ft²

Client Sample Description SCGW313 *Lab ID* 341507344-0012 *Collected:* 7/25/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	7/29/2015	144 in²	75 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/29/2015 18:06:06

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S993	14th floor Inside Soft Core	850L	7/25/15 7.05am 2:10pm
S994	(b)(4) ADS)Blasting 13th fl S. Containment	442L	7/25/15 7:09am 10:50am
S995	(b)(4) ADS)Clean up 13th fl S. Containment	442L	7/25/15 7:09am 10:50am
S996	Inside13th Fl Decon	844L	7/25/15 7:10am 2:12pm
S997	Outside13th Fl Decon	844L	7/25/15 7:10am 2:12pm

Client Sample #'s S993 - S1002 SCGW312 SCGW313 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 7/25/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7/29/15 **Time:** 9:30 Sam

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S998	Below 13th Fl Decon	844L	7/25/15 7:11am 2:13pm
S999	Outside 10th Fl East Exterior	840L	7/25/15 7:15am 2:15pm
S1000	Outside 10th Fl West Exterior	840L	7/25/15 7:15am 2:15pm
S1001	(b)(4) Natal)Primer Paint 14th fl Inside S. Containment	320L	7/25/15 11:20am 2 00pm
S1002	Blank	0L	7/25/15
SCGW312	Inside the 13th Floor Decon	12x12	7/25/15
SCGW313	Outside the 13th Floor Decon	12x12	7/25/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 07/30/2015 05:08 AM

4 attachments

ATT00001.png [redacted].pdf image003.png

Attached please find the test results for samples collected on April 27, 2015. The personal air samples are within acceptable levels. The area air samples are below detection limit. The wipe samples are all within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, July 29, 2015 6:08 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:03eeaa5c-f7dd-4369-ba9b-93d4d20e836a]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/29/15 10:00 AM
Collected: 7/27/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1003 *Lab ID* 341507348-0001 *Collected:* 7/27/2015
14th Floor Inside Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	1200 L	<3.3 µg/m³

Client Sample Description S1004 *Lab ID* 341507348-0002 *Collected:* 7/27/2015
(b)(4) *(ADS) Blasting 13th Fl*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	770 L	150 µg/m³

Client Sample Description S1005 *Lab ID* 341507348-0003 *Collected:* 7/27/2015
(b)(4) *(ADS) Clean Up 13th Fl S.*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	680 L	580 µg/m³

Client Sample Description S1006 *Lab ID* 341507348-0004 *Collected:* 7/27/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	1194 L	<3.4 µg/m³

Client Sample Description S1007 *Lab ID* 341507348-0005 *Collected:* 7/27/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	1194 L	<3.4 µg/m³

Client Sample Description S1008 *Lab ID* 341507348-0006 *Collected:* 7/27/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	7/29/2015	1194 L	<3.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 07/29/2015 18:07:47

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0 5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1003	14th floor Inside Soft Core	1200L	7/27/15 6:00am 4:00pm
S1004	(b)(4) ADS)Blasting 13th fl S Containment	770L	7/27/15 6:30am 12:55pm
S1005	(b)(4) ADS)Clean up 13th fl S Containment	680L	7/27/15 6:30am 12:10am
S1006	Inside13th Fl Decon	1194L	7/27/15 6:05am 4:02pm
S1007	Outside13th Fl Decon	1194L	7/27/15 6:05am 4:02pm

Client Sample #'s S1003 - S1012 SCGW314 SCGW315 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 7/27/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7/29/15 **Time:** 10:00am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE. (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1008	Below 13th Fl Decon	1194L	7/27/15 6:06am 4:03pm
S1009	Outside 10th Fl East Exterior	1148L	7/27/15 6:35am 4:09pm
S1010	Outside 10th Fl West Exterior	1148L	7/27/15 6:35am 4:09pm
S1011	(b)(4) latal)Primer Paint 14th fl Inside S Containment	490L	7/27/15 12 07pm 4.12pm
S1012	Blank	0L	7/27/15
SCGW314	Inside the 13th Floor Decon	12x12	7/27/15
SCGW315	Outside the 13th Floor Decon	12x12	7/27/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to [redacted] 07/31/2015 05:59 AM

4 attachments

ATT00001.png [redacted] 001.pdf image001.png

Attached please find the test results for July 28, 2015. All the air and wipe samples are within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, July 30, 2015 3:22 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.tv>

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Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/30/15 9:10 AM
Collected: 7/28/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S1013	7/28/2015	7/30/2015	1022 L	3.9 µg/m³	<3.9 µg/m³
341507403-0001	Site: 14th Floor Inside Soft Core				
S1014	7/28/2015	7/30/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341507403-0002	Site: Blank				
S1015	7/28/2015	7/30/2015	976 L	4.1 µg/m³	23 µg/m³
341507403-0003	Site: (b)(4) (ADS) Clean Up 13th Fl S. Containment				
S1016	7/28/2015	7/30/2015	1112 L	3.6 µg/m³	6.7 µg/m³
341507403-0004	Site: Inside 13th Fl decon				
S1017	7/28/2015	7/30/2015	1112 L	3.6 µg/m³	<3.6 µg/m³
341507403-0005	Site: Outside 13th Fl Decon				
S1018	7/28/2015	7/30/2015	1112 L	3.6 µg/m³	<3.6 µg/m³
341507403-0006	Site: Below 13th Fl Decon				
S1019	7/28/2015	7/30/2015	1036 L	3.9 µg/m³	<3.9 µg/m³
341507403-0007	Site: Outside 10th Fl East Exterior				
S1020	7/28/2015	7/30/2015	1036 L	3.9 µg/m³	<3.9 µg/m³
341507403-0008	Site: Outside 10th Fl West Exterior				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/30/2015 15:20:41

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/30/15 9:10 AM
Collected: 7/28/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW316	7/28/2015	7/30/2015	144 in²	10 µg/ft²	97 µg/ft²
341507403-0009	Site: Inside The 13th Floor Decon				
SCGW317	7/28/2015	7/30/2015	144 in²	10 µg/ft²	81 µg/ft²
341507403-0010	Site: Outside The 13th Floor Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 07/30/2015 15:20:41

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1013	14th floor Inside Soft Core	1,022L	7/28/15 5:50am 2:21pm
S1014	Blank	0L	7/28/15
S1015	(b)(4) ADS)Clean up 13th fl S Containment	976L	7/28/15 6:15am 2:23pm
S1016	Inside13th Fl Decon	1,112L	7/28/15 5:55am 2:23pm
S1017	Outside13th Fl Decon	1,112L	7/28/15 5:55am 2:23pm

Client Sample #'s S1013 - S1020 SCGW316 SCGW317 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 7/28/15 **Time:** 5:30 pm

Received (Lab): **Date:** 7/29/15 **Time:** 9:10

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1018	Below 13th Fl Decon	1,112L	7/28/15 5:55am 2:24pm
S1019	Outside 10th Fl East Exterior	1,036L	7/28/15 6:02am 2:40pm
S1020	Outside 10th Fl West Exterior	1,036L	7/28/15 6:02am 2:40pm
SCGW316	Inside the 13th Floor Decon	12x12	7/28/15
SCGW317	Outside the 13th Floor Decon	12x12	7/28/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 08/03/2015 05:12 PM

Attached please find the test results for samples collected on July 29, 2015. All the air samples are below detection limit except the blaster. The blaster was wearing adequate respiratory protection for the exposure level.

[redacted], MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone [redacted]
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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Sent: Monday, August 03, 2015 3:02 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/03/15 8:35 AM
Collected: 7/29/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1021 *Lab ID* 341507547-0001 *Collected:* 7/29/2015
14th Floor Inside Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	978 L	<4.1 µg/m³

Client Sample Description S1022 *Lab ID* 341507547-0002 *Collected:* 7/29/2015
(b)(4) *(ADS) Blasting 13th Fl S. Co*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	660 L	990 µg/m³

Client Sample Description S1023 *Lab ID* 341507547-0003 *Collected:* 7/29/2015
(b)(4) *(ADS) Spot Abatement On 1*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	860 L	<4.7 µg/m³

Client Sample Description S1024 *Lab ID* 341507547-0004 *Collected:* 7/29/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	976 L	<4.1 µg/m³

Client Sample Description S1025 *Lab ID* 341507547-0005 *Collected:* 7/29/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	976 L	<4.1 µg/m³

Client Sample Description S1026 *Lab ID* 341507547-0006 *Collected:* 7/29/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	976 L	<4.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/03/2015 15:00:30

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/03/15 8:35 AM
Collected: 7/29/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1027 *Lab ID* 341507547-0007 *Collected:* 7/29/2015
Outside 10th Fl East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	976 L	<4.1 µg/m³

Client Sample Description S1028 *Lab ID* 341507547-0008 *Collected:* 7/29/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	976 L	<4.1 µg/m³

Client Sample Description S1029 *Lab ID* 341507547-0009 *Collected:* 7/29/2015
(b)(4) *(Natal) Primer Paint Fl I*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	270 L	<15 µg/m³

Client Sample Description S1030 *Lab ID* 341507547-0010 *Collected:* 7/29/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/3/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW318 *Lab ID* 341507547-0011 *Collected:* 7/29/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/3/2015	144 in²	160 µg/ft²

Client Sample Description SCGW319 *Lab ID* 341507547-0012 *Collected:* 7/29/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/3/2015	144 in²	69 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/03/2015 15:00:30

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0 4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1021	14th floor Inside Soft Core	978L	7/29/15 7:25am 3:34pm
S1022	(b)(4) ADS)Blasting 13th fl S. Containment	660L	7/29/15 7:40am 1:10pm
S1023	(b)(4) ADS)Spot Abatement on 15th Fl Corvette Exterior	860L	7/29/15 7:40am 2:50pm
S1024	Inside13th Fl Decon	976L	7/29/15 7:32am 3:36pm
S1025	Outside13th Fl Decon	976L	7/29/15 7:32am 3:36pm

Client Sample #'s S1021 - S1030 SCGW318 SCGW319 **Total # of Samples:** 12

Relinquished (Client): (b)(4) **Date:** 7/29/15 **Time:** 5:30 pm

Received (Lab): **Date:** 8/3/15 **Time:** 8:35Am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX. (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1026	Below 13th Fl Decon	976L	7/29/15 7:33am 3:37pm
S1027	Outside 10th Fl East Exterior	976L	7/29/15 7:38am 3:30pm
S1028	Outside 10th Fl West Exterior	976L	7/29/15 7:38am 3:30pm
S1029	(b)(4) (Natal)Primer Paint 13th fl Inside S Containment	270L	7/29/15 1:15pm 3:30pm
S1030	Blank	0L	7/29/15
SCGW318	Inside the 13th Floor Decon	12x12	7/29/15
SCGW319	Outside the 13th Floor Decon	12x12	7/29/15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: August 19, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	HARRY PEPPER & ASSOCIATES, INC.	N/A	441

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 02 82 33.13 20 Air & Wipe Samples Collected

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Samples collected on Negative air machine 7-31-15	OHC	3	3.4.1.1.c	-	-	
2	Samples collected on 7-31-15	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe Samples collected on 8-13-15	OHC	3	3.4.1.1.c	-	-	-
4	Air & Wipe Samples collected on 8-15-15	OHC	3	3.4.1.1.c	-	-	-
5	Air & Wipe Samples collected on 8-17-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

(b)(4) to: (b)(4) 08/04/2015 05:24 AM

3 attachments

ATT00001.png (b)(4) _002.pdf

Attached please find the test results for the sample collected of the exhaust tube of the negative air machine. The sample indicated a low level of Lead dust at 210 ug/wipe. Since this was discovered ADS has replaced all the HEPA filters and exhaust tubing in all the negative air machines and are instructed to check the clips on the HEPA filters daily along with checking the containment.

(b)(4) MS, CIH
President

OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com
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-----Original Message-----
From: Mark Fohn
Sent: Saturday, August 01, 2015 3:10 PM
To: (b)(4)
Subject: FW: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

(b)(4)

This is the e mail I received from EMSL.

(b)(4)

OHC Environmental Engineering, Inc.
5420 Bay Center Drive, Suite 100
Tampa, Florida 33609
(b)(4) office
cell

From: EMSL (Baton Rouge) [batonrougelab@emsl.com]

Sent: Friday, July 31, 2015 5:47 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

Report, COC for order(s):
(b)(4) - Stennis 140063

Please tell us how we are doing.

Click here to fill out our Customer Survey<
http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://emsl.com/>[cid:e3abd6b4-457b-4deb-b507-1ee97a61a95e]<
http://www.emsl.com/> (b)(4) | Lead Laboratory Supervisor
EMSL Analytical, Inc. | 11931 Industriplex Boulevard, Suite 100 | Baton Rouge, LA 70809
Phone: 225-755-1920 | Fax: 225-755-1989 | Toll Free: 866-318-3920
Lab Hours: Monday - Friday 8AM - 5PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
11931 Industriplex, Suite 100, Baton Rouge, LA 70809
Phone/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com batonrougelab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 07/31/15 11:30 AM
Collected: 7/31/2015

Project: **Stennis 140063**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
DW-01 ***	7/31/2015	7/31/2015	n/a	10 µg/wipe	210 µg/wipe
251505069-0001	Site: Neg Air Tubing				

*** Dust wipe sample collected from bulk sample by EMSL personnel per client's request.Sample collection is outside of the laboratory's scope of accreditation; lab is not responsible for the accuracy of results when requested to sample in the lab.

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA LELAP 01950, A2LA Accredited Environmental Testing Cert #2845.03

Initial report from 07/31/2015 16:24:15

OrderID: (b)(4)

EMSL Analytical, Inc.
11931 Industriplex Boulevard,
Baton Rouge, LA 70809
PHONE: (225) 755-1920
FAX: (225) 755-1989

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): ~~Accounts Payable~~ (b)(4) (b)(4)	**Telephone #:** 813-626-8156
Email Address: ohcaccountant@ohcnet.com	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis 140063	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MI	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour (b)(4) ☑ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air Dust % by wt (b)(4)	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

(b)(4)

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
DW-01	NEG AIR TUBING		7/31/15 5:30AM

Client Sample #'s DW-01 - **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 7/31/15 **Time:** 5:30AM

Received (Lab): **Date:** 7/31/15 **Time:** 11:30 AM

Comments:
Jim Rizk at jrizk@ohcnet.com and mfohn@ohcnet.com Thanks

Couriers

OrderID: (b)(4)

EMSL Analytical, Inc.
11931 Industriplex Boulevard,
Baton Rouge, LA 70809
PHONE: (225) 755-1920
FAX: (225) 755-1989

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL (b)(4)	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): ~~Accounts Payable~~ (b)(4) (b)(4)	**Telephone #:** 813-626-8156
Email Address: ohcaccountant@ohcnet.com	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis 140063	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MI	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hou (b)(4) ☑ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air Dust % by WG (b)(4)	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

(b)(4)

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
DW-01	NEG AIR TUBING		7/31/15 5:30AM

Client Sample #'s DW-01 - **Total # of Samples:**

Relinquished (Client): (b)(4) **Date:** 7/31/15 **Time:** 5:30AM

Received (Lab): **Date:** 7/31/15 **Time:** 11:30 AM

Comments:
Jim Rizk at jrizk@ohcnet.com and mfohn@ohcnet.com Thanks

Page 1 of ____ pages

Couriers

FW: EMSL report, COC for order(s) (b)(4) Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 08/04/2015 05:45 PM

Attached please fin the test result for samples collected on July 31, 2015.
All the samples are within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, August 04, 2015 2:14 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:53b30e97-9571-4a45-a65f-175ba85c6713]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
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(b)(4)

001.pdf

image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/04/15 8:40 AM
Collected: 7/31/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1031 *Lab ID* 341507603-0001 *Collected:* 7/31/2015
14th Floor Inside Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1308 L	<3.1 µg/m³

Client Sample Description S1032 *Lab ID* 341507603-0002 *Collected:* 7/31/2015
(b)(4) *(ADS) Clean Up/Prep S.*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1298 L	7.2 µg/m³

Client Sample Description S1033 *Lab ID* 341507603-0003 *Collected:* 7/31/2015
(b)(4) *(ADS) Clean Up/Prep S.*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1298 L	3.8 µg/m³

Client Sample Description S1034 *Lab ID* 341507603-0004 *Collected:* 7/31/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1312 L	<3.0 µg/m³

Client Sample Description S1035 *Lab ID* 341507603-0005 *Collected:* 7/31/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1312 L	<3.0 µg/m³

Client Sample Description S1036 *Lab ID* 341507603-0006 *Collected:* 7/31/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1312 L	<3.0 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/04/2015 14:13:42

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/04/15 8:40 AM
Collected: 7/31/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1037 *Lab ID* 341507603-0007 *Collected:* 7/31/2015
Outside 10th Fl East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1214 L	<3.3 µg/m³

Client Sample Description S1038 *Lab ID* 341507603-0008 *Collected:* 7/31/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	1214 L	<3.3 µg/m³

Client Sample Description S1039 *Lab ID* 341507603-0009 *Collected:* 7/31/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/4/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW320 *Lab ID* 341507603-0010 *Collected:* 7/31/2015
Inside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/4/2015	144 in²	37 µg/ft²

Client Sample Description SCGW321 *Lab ID* 341507603-0011 *Collected:* 7/31/2015
Outside The 13th Floor Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/4/2015	144 in²	26 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/04/2015 14:13:42

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
Preserved with HNO_3 pH < 2 ☐	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
S1031	14th floor Inside Soft Core	1308L	7/31/15 5:45am 4:45pm
S1032	(b)(4) ADS)Clean up/ prep S. Containment	1298L	7/31/15 6:00am 4:49pm
S1033	(b)(4) ADS)Clean up/ prep S. Containment	1298L	7/31/15 6:00am 4:49pm
S1034	Inside13th Fl Decon	1312L	7/31/15 5:51am 4:47pm
S1035	Outside13th Fl Decon	1312L	7/31/15 5:51am 4:47pm

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 7/31/15 **Time:** 5:30 pm

Received (Lab): **Date:** 8/4/15 **Time:** 8:40

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90

Orlando, FL 32804
PHONE (407) 599-5887
FAX: (407) 599-9063

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1036	Below 13th Fl Decon	1312L	7/31/15 5:52am 4:47pm
S1037	Outside 10th Fl East Exterior	1214L	7/31/15 6:15am 4:22pm
S1038	Outside 10th Fl West Exterior	1214L	7/31/15 6:15am 4:22pm
S1039	Blank	0L	7/31/15
SCGW320	Inside the 13th Floor Decon	12x12	7/31/15
SCGW321	Outside the 13th Floor Decon	12x12	7/31/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to: [redacted] 08/19/2015 05:32 AM

Attached please find the test results for samples collected on August 13, 2015. All the air samples are below detection limit. All the wipe samples are well within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, August 14, 2015 5:41 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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<http://www.emsl.com/>[cid:de24f493-da2c-4f57-8215-d60cdbdb86dc]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
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http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<

http://www.emsl.tv>

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5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/14/15 8:50 AM
Collected: 8/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S1079	8/13/2015	8/14/2015	860 L	4.7 µg/m³	<4.7 µg/m³
341508036-0001	Site: Inside Decon Level 13				
S1080	8/13/2015	8/14/2015	860 L	4.7 µg/m³	<4.7 µg/m³
341508036-0002	Site: Outside Decon Level 13				
S1081	8/13/2015	8/14/2015	860 L	4.7 µg/m³	<4.7 µg/m³
341508036-0003	Site: Below Decon Level 12				
S1082	8/13/2015	8/14/2015	720 L	5.6 µg/m³	<5.6 µg/m³
341508036-0004	Site (b)(4) Working In Containment				
S1083	8/13/2015	8/14/2015	740 L	5.4 µg/m³	<5.4 µg/m³
341508036-0005	Site: Outside The Work Area 10th Level Below Enclosure				
S1084	8/13/2015	8/14/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341508036-0006	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 08/14/2015 17:40:26

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/14/15 8:50 AM
Collected: 8/13/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW331	8/13/2015	8/14/2015	144 in²	10 µg/ft²	<10 µg/ft²
341508036-0007	Site: Inside The Decon				
SCGW332	8/13/2015	8/14/2015	144 in²	10 µg/ft²	<10 µg/ft²
341508036-0008	Site: Outside The Decon				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 08/14/2015 17:40:26

OrderID: (b)(4)

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):*

(b)(4)

PHONE:
FAX:

Company :	**EMSL-Bill to:** ☐ Different ☐ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street:	
City: **State/Province:**	**Zip/Postal Code:** **Country:**
Report To (Name):	**Telephone #:**
Email Address:	**Fax #:** **Purchase Order:**
Project Name/Number:	**Please Provide Results:** ☐ FAX ☐ E-mail ☐ Mail
U.S. State Samples Taken:	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour | ☐ 6 Hour | ☒ 24 Hour | ☐ 48 Hour | ☐ 72 Hour | ☐ 96 Hour | ☐ 1 Week | ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1079	Inside Decon level 13	860	8-13-15 8:00
S1080	Outside Decon level 13	860	8-13-15 8:00
S1081	Below Decon level 12	860	8-13-15 8:05
S1082	(b)(4) Working in Containment	720	8-13-15 9:00
S1083	Outside the work area 10 th level below enclsure	740	8-13-15 9:10

Client Sample #'s - **Total # of Samples:** 6

Relinquished (Client): (b)(4) **Date:** **Time:**

Received (Lab): (b)(4) **Date:** 8/14/15 **Time:** 850am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

PHONE:
FAX:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1084	Blank		8-13-15
SCGW331	Inside the Decon	12"x12"	8-13-15
SCGW332	outside the Decon	12" 12"	8-13-15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

(b)(4) to: (b)(4) 08/19/2015 05:20 AM

Attached please find the test results for samples collected on August 15, 2015. The personal air samples are above the PEL, employees were wearing adequate protection based on the exposure level. All other air and wipe samples were well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: (b)(4)
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, August 18, 2015 2:07 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B1 B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B1 B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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ATT00001.png [redacted] pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/18/15 8:40 AM
Collected: 8/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1095 *Lab ID* 341508162-0001 *Collected:* 8/15/2015
Inside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	960 L	<4.2 µg/m³

Client Sample Description S1096 *Lab ID* 341508162-0002 *Collected:* 8/15/2015
Outside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	960 L	<4.2 µg/m³

Client Sample Description S1097 *Lab ID* 341508162-0003 *Collected:* 8/15/2015
Below Decon Level 12

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	960 L	<4.2 µg/m³

Client Sample Description S1098 *Lab ID* 341508162-0004 *Collected:* 8/15/2015
(b)(4) *Blasting Levels 13, 12*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	850 L	2200 µg/m³

Client Sample Description S1099 *Lab ID* 341508162-0005 *Collected:* 8/15/2015
(b)(4) *Blast Helper*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	850 L	430 µg/m³

Client Sample Description S1100 *Lab ID* 341508162-0006 *Collected:* 8/15/2015
Below the Containment Level 10

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	920 L	<4.3 µg/m³

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/18/2015 14:06:26

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/18/15 8:40 AM
Collected: 8/15/2015

Project: **Stennis B1 B2 Test Stand**

Test Report

Client Sample Description S1101 *Lab ID* 341508162-0007 *Collected:* 8/15/2015
(b)(4) Ground Level Spot Ab

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	180 L	<22 µg/m³

Client Sample Description S1102 *Lab ID* 341508162-0008 *Collected:* 8/15/2015
Ground Level South Side B-2 Test Sta

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	180 L	<22 µg/m³

Client Sample Description S1103 *Lab ID* 341508162-0009 *Collected:* 8/15/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW332 *Lab ID* 341508162-0010 *Collected:* 8/15/2015
Inside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/18/2015	144 in²	16 µg/ft²

Client Sample Description SCGW333 *Lab ID* 341508162-0011 *Collected:* 8/15/2015
Outside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/18/2015	144 in²	13 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/18/2015 14:06:26

OrderID: (b)(4)

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

PHONE:
FAX:

Company: OHC Environmental Engineering,Inc.	**EMSL-Bill to:** ☐ Different ☐ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand	**Please Provide Results:** ☐ FAX ☐ E-mail ☐ Mail
U.S. State Samples Taken: Ms	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1095	INSIDE DECON LEVEL 13	960	8-15-15 630
S1096	outside Decon LEVEL 13	960	630
S1097	Below Decon LEVEL 12	~~920~~ 960	635
S1098	(b)(4) Blasting Levels 13, 12	850	640
S1099	BLAST Helper	850	640

Client Sample #'s - **Total # of Samples:** 11

Relinquished (Client): (b)(4)	**Date:**	8-15-15	**Time:**	1600
Received (Lab):	**Date:**	8/18/15	**Time:**	0810

Comments:

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only).*

(b)(4)

PHONE:
FAX:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1100	Below the Containment Level 10	920	8-13-15 0945
S1101	(b)(4) Spot Abatement Ground Level	180	
S1102	Ground Level South side B-2 Test Stand East of Main Entrance	180	
S1103	BLANK		
SCGW332	WS106 Decon Level 13	12"x12"	8-15-15
SCGW 333	outside Decon Level 13	12"x 12"	8-15-15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

(b)(4) to: (b)(4) 08/19/2015 05:31 AM

4 attachments

ATT00001.png (b)(4) image001.png

Attached please find the test results for samples collected on August 17, 2015. All the air samples are below detection limit. All the wipe samples are well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, August 18, 2015 2:06 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

Report, COC for order(s):
(b)(4) - Stennis 140063

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Click here to fill out our Customer Survey<
http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:5f2797ac-21e0-4830-8247-0df3448a2540]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/18/15 8:40 AM
Collected: 8/17/2015

Project: **Stennis 140063**

Test Report

Client Sample Description S1104 *Lab ID* 341508161-0001 *Collected:* 8/17/2015
Inside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	840 L	<4.8 µg/m³

Client Sample Description S1105 *Lab ID* 341508161-0002 *Collected:* 8/17/2015
Outside Decon Level 13

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	840 L	<4.8 µg/m³

Client Sample Description S1106 *Lab ID* 341508161-0003 *Collected:* 8/17/2015
Below Decon Level 12

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	840 L	<4.8 µg/m³

Client Sample Description S1107 *Lab ID* 341508161-0004 *Collected:* 8/17/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	0 L	<4.0 µg/filter

Client Sample Description S1108 *Lab ID* 341508161-0005 *Collected:* 8/17/2015
(b)(4) *Repairing Containment*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/18/2015	810 L	<4.9 µg/m³

Client Sample Description SCGW334 *Lab ID* 341508161-0006 *Collected:* 8/17/2015
Inside the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/18/2015	144 in²	<10 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/18/2015 14:04:37

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/18/15 8:40 AM
Collected: 8/17/2015

Project: **Stennis 140063**

Test Report

Client Sample Description SCGW335 *Lab ID* 341508161-0007 *Collected:* 8/17/2015
Outside the Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/18/2015	144 in²	26 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/18/2015 14:04:37

OrderID: (b)(4)

EMSL Analytical, Inc.
11931 Industriplex Boulevard,
Baton Rouge, LA 70809
PHONE: (225) 755-1920
FAX: (225) 755-1989

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): Accounts Payable	**Telephone #:** 813-626-8156
Email Address: ohcaccountant@ohcnet.com	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis 140063	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MI	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1104	INSIDE Decon LEVEL 13	840	8-17-15 0715
S1105	Outside Decon Level 13	840	0715
S1106	Below Decon Level 12	840	0720
S1107	BLANK		
S1108	(b)(4) Re-Entering Containment	810	0720

Client Sample #'s - **Total # of Samples:** 7

Relinquished (Client): (b)(4) **Date:** 8-17-15 **Time:**

Received (Lab): **Date:** 8/18/15 **Time:** 08:40

Comments:
Jim Rizk at jrizk@ohcnet.com and mfohn

OrderID: (b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

(b)(4)

PHONE:
FAX:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
	Inside the Decon	12" x 12"	8-17-15
	Outside the Decon	12" x 12"	8-17-15

Comments/Special Instructions:

Page 2 of 2 pages

National Aeronautics and Space Administration

John C. Stennis Space Center

Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE September 3, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(See Instructions on Reverse)*	CONTRACT NO. NNS14AA30T	X NEW SUBMITTAL / 0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**N/A**	**450**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*	PROJECT TITLE AND LOCATION
200H0-GA04 02 82 33.13 20 Air & Wipe Samples Collected	SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	COLLECTED 8-31-15	OHC	3	3.4.1.1C	-	-	
2	COLLECTED 8-29-15	OHC	3	3.4.1.1C	-	-	-
3	COLLECTED 8-26-15	OHC	3	3.4.1.1C	-	-	-
4	COLLECTED 8-25-15	OHC	3	3.4.1.1C	-	-	-
5	COLLECTED 8-20-15	OHC	3	3.4.1.1C	-	-	-
6	COLLECTED 8-18-15	OHC	3	3.4.1.1C	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies included.

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)
[redacted]
to:
[redacted]
09/03/2015 04:18 AM
Hide Details
From: [redacted] Sort List...
To: [redacted]
[redacted]

2 Attachments

[redacted]

Attached please find the test results for samples collected on August 31, 2015. All the samples are well within acceptable levels.

[redacted] MS, CIH
President
OHC ENVIRONMENTAL
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell: [redacted]
Email: [redacted]
www.OHCNET.com
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, September 02, 2015 6:15 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] Stennis B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B2 Test Stand

Please tell us how we are doing.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/02/15 9:00 AM
Collected: 8/31/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1196 *Lab ID* 341508838-0001 *Collected:* 8/31/2015
(b)(4) (ADS) Blasting Helper 11th

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	1100 L	310 µg/m³

Client Sample Description S1197 *Lab ID* 341508838-0002 *Collected:* 8/31/2015
(b)(4) (ADS) Spot Abatement L

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	300 L	<13 µg/m³

Client Sample Description S1198 *Lab ID* 341508838-0003 *Collected:* 8/31/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	1146 L	<3.5 µg/m³

Client Sample Description S1199 *Lab ID* 341508838-0004 *Collected:* 8/31/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	1140 L	<3.5 µg/m³

Client Sample Description S1200 *Lab ID* 341508838-0005 *Collected:* 8/31/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	1140 L	<3.5 µg/m³

Client Sample Description S1201 *Lab ID* 341508838-0006 *Collected:* 8/31/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	1140 L	<3.5 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 09/02/2015 18:13:16

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/02/15 9:00 AM
Collected: 8/31/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1202 *Lab ID* 341508838-0007 *Collected:* 8/31/2015
Area Sample Level 6 1/2

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	300 L	<13 µg/m³

Client Sample Description S1203 *Lab ID* 341508838-0008 *Collected:* 8/31/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/2/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW355 *Lab ID* 341508838-0009 *Collected:* 8/31/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/2/2015	144 in²	85 µg/ft²

Client Sample Description SCGW356 *Lab ID* 341508838-0010 *Collected:* 8/31/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/2/2015	144 in²	47 µg/ft²

Cassette sample number S1196 was sampled backward and forward in the field so particulate matter collected on the filter pad and on the filter. Filter w analyzed.

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/02/2015 18:13:16

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX (203) 284-5978

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☒
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1196	(b)(4) ADS)Blasting Helper 11th Fl S Containment(Hood)	1100L	8/31/15 9:30am 6:40pm
S1197	(b)(4) ADS)Spot Abatement level 6 1/2 (1/2 Face)	300L	8/31/15 9:02am 11:32pm
S1198	Inside 13th Fl Decon	1146L	8/31/15 9:02am 6:35pm
S1199	Outside 13th Fl Decon	1140L	8/31/15 9:05am 6:35pm
S1200	Below 13th Fl Decon	1140L	8/31/15 9:06am 6:36pm

Client Sample #'s: S1196 -S1203 SC6W 355 /356 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 8/31/15 **Time:** 5:30pm

Received (Lab): **Date:** 9/2/15 **Time:** 9:00 Am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE. (203) 284-5948
FAX: (203) 284-5978

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1201	11th Fl South West Corner Soft Core	1140L	8/31/15 9:08am 6:38pm
S1202	Area sample Level 6 1/2	300L	8/31/15 9:02am 11:32pm
S1203	Blank	0L	8/31/15
SCGW355	Inside the 13th Fl Decon	12X12	8/31/15
SCGW356	Outside the 13th Fl Decon	12X12	8/31/15

Comments/Special Instructions:

Page 2 of 2 pages

Untitled

FW: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)
[redacted]
to:
[redacted]
09/02/2015 05:24 AM
Hide Details
From [redacted] Sort List...
To [redacted]
[redacted]

2 Attachments

[redacted]

Attached please find the test results for samples collected on August 29, 2015. All the personal, area and wipe samples are well within acceptable levels.

[redacted] MS, CIH
President
OHC ENVIRONMENTAL
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell: [redacted]
Email [redacted]
www.OHCNET.com
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, September 01, 2015 6:21 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)

Report, COC for order(s):
[redacted] Stennis B2 Test Stand

Please tell us how we are doing.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/01/15 8:50 AM
Collected: 8/29/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1187 *Lab ID* 341508777-0001 *Collected:* 8/29/2015
(b)(4) *(ADS) Blasting Helper 1*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1170 L	43 µg/m³

Client Sample Description S1188 *Lab ID* 341508777-0002 *Collected:* 8/29/2015
(b)(4) *(HPA) Torch Cutting SE Pie*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	830 L	8.5 µg/m³

Client Sample Description S1189 *Lab ID* 341508777-0003 *Collected:* 8/29/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1170 L	<3.4 µg/m³

Client Sample Description S1190 *Lab ID* 341508777-0004 *Collected:* 8/29/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1170 L	<3.4 µg/m³

Client Sample Description S1191 *Lab ID* 341508777-0005 *Collected:* 8/29/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1170 L	<3.4 µg/m³

Client Sample Description S1192 *Lab ID* 341508777-0006 *Collected:* 8/29/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1190 L	<3.4 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/01/2015 18:20:46

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/01/15 8:50 AM
Collected: 8/29/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1193 *Lab ID* 341508777-0007 *Collected:* 8/29/2015
Inside 11th FL East Ext Test Patch

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	900 L	17 µg/m³

Client Sample Description S1194 *Lab ID* 341508777-0008 *Collected:* 8/29/2015
Inside B-2 Flame Bucket Test Patch

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	1040 L	49 µg/m³

Client Sample Description S1195 *Lab ID* 341508777-0009 *Collected:* 8/29/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/1/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW353 *Lab ID* 341508777-0010 *Collected:* 8/29/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/1/2015	144 in²	20 µg/ft²

Client Sample Description SCGW354 *Lab ID* 341508777-0011 *Collected:* 8/29/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/1/2015	144 in²	33 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/01/2015 18:20:46

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4
Wallingford, CT 06492
PHONE. (203) 284-5948
FAX. (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name): (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0 03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sample(r): (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1187	(b)(4) (ADS)Blasting Helper 11th Fl S. Containment(Hood)	1170L	8/29/15 8:05am 6:20pm
S1188	(b)(4) HPA)Torch Cutting SE Pier under Flame Bucket (Full Face)	830L	8/29/15 7:50am 2:45pm
S1189	Inside 13th Fl Decon	1170L	8/29/15 8:10am 6:25pm
S1190	Outside 13th Fl Decon	1170L	8/29/15 8:10am 6:25pm
S1191	Below 13th Fl Decon	1170L	8/29/15 8:11am 6:26pm

Client Sample #'s: S1187 - S1195 SCGW 353 SCGW **Total # of Samples:** 11

Relinquished (Clie: (b)(4) **Date:** 8/29/15 **Time:** 5:30pm

Received (Lab): **Date:** 9/1/15 **Time:** 8:10a

Comments:

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX. (203) 284-5978

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1192	11th Fl South West Corner Soft Core	1190L	8/29/15 8:25am 6:30pm
S1193	Inside 11th Fl East Exterior Test Patch	900L	8/29/15 8:25am 4:55pm
S1194	Inside B-2 Flame Bucket Test Patch	1040L	8/29/15 8:35am 5:15pm
S1195	Blank	0L	8/29/15
SCGW353	Inside the 13th Fl Decon	12X12	8/29/15
SCGW354	Outside the 13th Fl Decon	12X12	8/29/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)
(b)(4)
to:
(b)(4)
09/01/2015 03:53 AM
Hide Details
From: (b)(4) Sort List...
To: (b)(4)
(b)(4)
2 Attachments
PDF PDF
(b)(4)

Attached please find the test results for samples collected on August 26, 2015. All the samples are well within acceptable limits.

(b)(4) MS, CIH
President
OHC ENVIRONMENTAL
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell: (b)(4)
Email: (b)(4)
www.OHCNET.com
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, August 31, 2015 7:08 PM
To (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B2 Test Stand

Please tell us how we are doing.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
[illegible]

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/31/15 9:05 AM
Collected: 8/26/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1161 ***Lab ID*** 341508697-0001 ***Collected:*** 8/26/2015
(b)(4) *ADS) Re-Blasting 13th/12*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	990 L	95 µg/m³

Client Sample Description S1162 ***Lab ID*** 341508697-0002 ***Collected:*** 8/26/2015
(b)(4) *(Natal) Priming Paint 12th*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	400 L	<10 µg/m³

Client Sample Description S1163 ***Lab ID*** 341508697-0003 ***Collected:*** 8/26/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	1280 L	<3.1 µg/m³

Client Sample Description S1164 ***Lab ID*** 341508697-0004 ***Collected:*** 8/26/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	1280 L	<3.1 µg/m³

Client Sample Description S1165 ***Lab ID*** 341508697-0005 ***Collected:*** 8/26/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	1280 L	<3.1 µg/m³

Client Sample Description S1166 ***Lab ID*** 341508697-0006 ***Collected:*** 8/26/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	1290 L	<3.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 08/31/2015 19:07:49

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com customerservice@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/31/15 9:05 AM
Collected: 8/26/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1167 *Lab ID* 341508697-0007 *Collected:* 8/26/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	1290 L	<3.1 µg/m³

Client Sample Description S1168 *Lab ID* 341508697-0008 *Collected:* 8/26/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/31/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW347 *Lab ID* 341508697-0009 *Collected:* 8/26/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/31/2015	144 in²	73 µg/ft²

Client Sample Description SCGW348 *Lab ID* 341508697-0010 *Collected:* 8/26/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/31/2015	144 in²	68 µg/ft²

Client Sample Description LPC20 *Lab ID* 341508697-0011 *Collected:* 8/26/2015
White Paint Chips (River City) Fallen T

Test	*Method*	*Parameter*	*Analyzed*	*Concentration*
Pb-FLAA	7000B	Lead	8/31/2015	<0.010 % wt

Client Sample Description LPC20 *Lab ID* 341508697-0012 *Collected:* 8/26/2015
White Paint Chips (River City) Needle

Test	*Method*	*Parameter*	*Analyzed*	*Concentration*
Pb-FLAA	7000B	Lead	8/31/2015	<0.010 % wt

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 08/31/2015 19:07:49

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4
Wallingford, CT 06492
PHONE (203) 284-5948
FAX (203) 284-5978

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only): (b)(4)

Company: OHC Environmental Engineering, Inc.	EMSL-Bill to: ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa State/Province: FL	Zip/Postal Code: 33609 Country: United States
Report To (Name): (b)(4)	Telephone #: 813-626-8156
Email Address: (b)(4)	Fax #: 813-623-6702 Purchase Order:
Project Name/Number: Stennis B2 Test Stand	Please Provide Results: ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ■ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	■
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) Signature of Sampler: (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1161	(b)(4) ADS)Re-Blasting 13th/12th Fl S. Containment(Hood)	990L	8/26/15 6:25am 2:40pm
S1162	(b)(4) atal)Priming Paint 12th Fl S. Containment(1/2 Face)	400L	8/26/15 3:10pm 6:30pm
S1163	Inside 13th Fl Decon	1280L	8/26/15 6:30am 5:10pm
S1164	Outside 13th Fl Decon	1280L	8/26/15 6:30am 5:10pm
S1165	Below 13th Fl Decon	1280L	8/26/15 6:31am 5:11pm

Client Sample #'s: S1161 - S1168 SCGW347 SCGW348 LPC 20/21 Total # of Samples: 12

Relinquished (Client): (b)(4) Date: 8/26/15 Time: 5:30pm

Received (Lab): Date: 8/31/15 Time: 9:05 Am

Comments:

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1166	11th Fl South West Corner Soft Core	1290L	8/26/15 6:35am 5:20pm
S1167	Outside 10th Fl West Exterior	1290L	8/26/15 6:40am 5:25pm
S1168	Blank	0L	8/26/15
SCGW347	Inside the 13th Fl Decon		8/26/15
SCGW348	Outside the 13th Fl Decon		8/26/15
LPC20	White Paint Chips (River City) Fallen to 11th Floor SE Corner Exterior		8/26/15
LPC21	White Paint Chips (River City) Needle Gun on Structural Steel Exterior		8/26/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)
[redacted]
to:
Marketing, [redacted]
[redacted]
08/27/2015 07:24 PM
Hide Details
From: [redacted] Sort List...
To: Marketing <Marketing@ohcnet.com> [redacted]
[redacted]

2 Attachments

[redacted]

Attached please find the test results for samples collected on August 25, 2015. All the samples are within acceptable limits.

[redacted] **MS, CIH**
President
OHC ENVIRONMENTAL ENGINEERING
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell: [redacted]
Ema[redacted]
www.OHCNET.com
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, August 27, 2015 2:40 PM
To: [redacted]
Subject: EMSL report, COC for order(s) 341508590 (341508590 - Stennis B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B2 Test Stand

Please tell us how we are doing.

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 5420 Bay Center Drive Suite 100		*Third Party Billing requires written authorization from third party*	
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1152	(b)(4) ADS)Blasting 12th Fl S. Containment(FullFace)	990L	8/25/15 7:45am 4.00pm
S1153	ADS)Spot Abatement of Inbeds on E Pier(1/2Face)	406L	8/25/15 10:47am 2:10pm
S1154	Inside 13th Fl Decon	980L	8/25/15 7:50am 4:00pm
S1155	Outside 13th Fl Decon	980L	8/25/15 7:50am 4:00pm
S1156	Below 13th Fl Decon	980L	8/25/15 7:51am 4:01pm

Client Sample #'s S1152 - S1160 SC6W345 SC6W346 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 8/25/15 **Time:** 5:30pm

Received (Lab): **Date:** 8-27-15 **Time:** 9:50a

Comments:

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE (203) 284-5948
FAX (203) 284-5978

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1157	11th Fl South West Corner Soft Core	984L	8/25/15 7:53am 4:05pm
S1158	Outside 10th Fl West Exterior	890L	8/25/15 7:55am 3:20pm
S1159	Area sample Spot Abatement of Inbeds on E Pier	406L	8/25/15 10:47am 2.10pm
S1160	Blank	0L	8/25/15
SCGW345	Inside the 13th Fl Decon		8/25/15
SCGW346	Outside the 13th Fl Decon		8/25/15

Comments/Special Instructions:

Page 2 of 2 pages

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/27/15 8:50 AM
Collected: 8/25/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1152 *Lab ID* 341508590-0001 *Collected:* 8/25/2015
(b)(4) *(ADS) Blasting 12th Fl S.*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	990 L	310 µg/m³

Client Sample Description S1153 *Lab ID* 341508590-0002 *Collected:* 8/25/2015
(b)(4) *(ADS) Spot Abatement O*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	406 L	<9.9 µg/m³

Client Sample Description S1154 *Lab ID* 341508590-0003 *Collected:* 8/25/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	980 L	<4.1 µg/m³

Client Sample Description S1155 *Lab ID* 341508590-0004 *Collected:* 8/25/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	980 L	<4.1 µg/m³

Client Sample Description S1156 *Lab ID* 341508590-0005 *Collected:* 8/25/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	980 L	<4.1 µg/m³

Client Sample Description S1157 *Lab ID* 341508590-0006 *Collected:* 8/25/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	984 L	<4.1 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 08/27/2015 14:39:39

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/27/15 8:50 AM
Collected: 8/25/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1158 *Lab ID* 341508590-0007 *Collected:* 8/25/2015
Outside 10th Fl West Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	890 L	<4.5 µg/m³

Client Sample Description S1159 *Lab ID* 341508590-0008 *Collected:* 8/25/2015
Area Sample Spot Abatement Of Inbed

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	406 L	<9.9 µg/m³

Client Sample Description S1160 *Lab ID* 341508590-0009 *Collected:* 8/25/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	8/27/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW345 *Lab ID* 341508590-0010 *Collected:* 8/25/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/27/2015	144 in²	22 µg/ft²

Client Sample Description SCGW346 *Lab ID* 341508590-0011 *Collected:* 8/25/2015
Outside The 13th Fl Deconl

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	8/27/2015	144 in²	91 µg/ft²

(b)(4)
(b)(4) aboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 08/27/2015 14:39:39

FW: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

[redacted] to [redacted] 08/24/2015 01:59 PM

Attached please find the test results for samples collected on August 20, 2015. All the air samples are below detection limit. All the wipe samples are well within acceptable levels.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell: [redacted]
Email: [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Monday, August 24, 2015 2:54 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B1 B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B1 B2 Test Stand

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http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:59c4218b-e05e-4e10-8116-77481f684fef]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:
LABConnect <https://extranet.emsl.com/> | Order Products <
http://www.emsl.com/ProductCatalogHome.aspx> | Client Corner<
http://www.emsl.com/index.cfm?nav=Pages&ID=420> | Training<
http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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ATT00001.png [redacted] coc.pdf [redacted] 001.pdf image001.png

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
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EMSL Order: (b)(4)
CustomerID: OCCU56
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Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/24/15 10:15 AM
Collected: 8/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S1125	8/20/2015	8/24/2015	980 L	4.1 µg/m³	<4.1 µg/m³
341508419-0001	Site: (b)(4) (ADS) Clean Up 13th Fl				
S1126	8/20/2015	8/24/2015	980 L	4.1 µg/m³	<4.1 µg/m³
341508419-0002	Site: (b)(4) ADS) Clean Up 13th Fl				
S1127	8/20/2015	8/24/2015	1016 L	3.9 µg/m³	<3.9 µg/m³
341508419-0003	Site: Inside 13th Fl Decon				
S1128	8/20/2015	8/24/2015	1016 L	3.9 µg/m³	<3.9 µg/m³
341508419-0004	Site: Outside 13th Fl Decon				
S1129	8/20/2015	8/24/2015	1014 L	3.9 µg/m³	<3.9 µg/m³
341508419-0005	Site: Below 13th Fl Decon				
S1130	8/20/2015	8/24/2015	972 L	4.1 µg/m³	<4.1 µg/m³
341508419-0006	Site: 11th Fl South West Corner				
S1131	8/20/2015	8/24/2015	936 L	4.3 µg/m³	<4.3 µg/m³
341508419-0007	Site: Outside 10th Fl East Exterior				
S1132	8/20/2015	8/24/2015	936 L	4.3 µg/m³	<4.3 µg/m³
341508419-0008	Site: Outside 10th Fl West Exterior				
S1065	8/6/2015	8/24/2015	20344 L	0.20 µg/m³	<0.20 µg/m³
341508419-0009	Site: Below 13th Fl Decon				
S1111	8/18/2015	8/24/2015	3150 L	1.3 µg/m³	<1.3 µg/m³
341508419-0010	Site: Below Decon Level 12				

(b)(4)

(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 08/24/2015 14:52:41

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/24/15 10:15 AM
Collected: 8/20/2015

Project: **Stennis B1 B2 Test Stand**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	*Collected*	*Analyzed*	*Area Sampled*	*RDL*	*Lead Concentration*
SCGW339	8/20/2015	8/24/2015	144 in²	10 µg/ft²	15 µg/ft²
341508419-0011	Site: Inside the 13th Floor Decon				
SCGW340	8/20/2015	8/24/2015	144 in²	10 µg/ft²	39 µg/ft²
341508419-0012	Site: Outside the 13th Floor Decon				

(b)(4)

(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial report from 08/24/2015 14:52:41

OrderID: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B1 B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 hr.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☒ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1125	(b)(4) (ADS) CLEAN UP 13th fl	980L	8/20/15 8:10a 4:18p
S1126	(ADS) Clean up 13th fl	980L	8/20/15 8:10a 4:18p
S1127	Inside 13th Fl Decon	1016L	8/20/15 8:04a 4:32p
S1128	Outside 13th Fl Decon	1016L	8/20/15 8:04a 4:32p
S1129	Below 13th Fl Decon	1014L	8/20/15 8:06a 4:33p

Client Sample #'s S1125 - S1133 SCGW339 SCGW340 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 8/20/15 **Time:** 5:30 pm

Received (Lab): **Date:** 8/24/15 **Time:** 10:15am

Comments: S1111 & S1065 IN THIS BAG OF SAMPLES. THE LOCATION & TIMES ON YESTERDAYS COC. (b)(4)

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
5125 Adanson Street, Suite 90
Orlando, FL 32804
PHONE: (407) 599-5887
FAX: (407) 599-9063

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1121	11th Fl South West Corner	884L	8/19/15 8:46 4:08
S1122	Outside 10th Fl East Exterior	828L	19/15 8:50 3:4
S1123	Outside 10th Fl West Exterior	828L	19/15 8:50 3:4
S1124	Blank	0L	8/19/15
SCGW337	Inside the 13th Floor Decon	12x12	8/19/15
SCGW338	Outside the 13th Floor Decon	12x12	8/19/15
S1085	Below 13th Fl Decon	20,344L	8/19/15 @ 6:28pm
			8/19/15 @ 6:30pm
S1111	Below Decon Level 12		8/19/15 @ 06:20pm
		9,150L	8/19/15 @ 06:35pm

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

(b)(4) to: (b)(4) 08/20/2015 03:47 AM

4 attachments

ATT00001.png (b)(4) coc.pdf (b)(4) 001.pdf image001.png

Attached please find the test results for samples collected on August 18, 2015. The personnel samples exceed the OSHA PEL. the employees were wearing proper protection for this type of exposure. All remaining samples were well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Wednesday, August 19, 2015 2:15 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis 140063)

Report, COC for order(s):
(b)(4) - Stennis 140063

Please tell us how we are doing.

Click here to fill out our Customer Survey<
http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:4ccf808a-2851-4627-a0c3-e7c9a7ec6cd9]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Lead Supervisor
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 08/19/15 9:00 AM
Collected: 8/18/2015

Project: **Stennis 140063**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S1109	8/18/2015	8/19/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341508232-0001	Site: Inside The Decon Level 13				
S1110	8/18/2015	8/19/2015	960 L	4.2 µg/m³	<4.2 µg/m³
341508232-0002	Site: Outside The Decon Level 13				
S1112	8/18/2015	8/19/2015	960 L	4.2 µg/m³	1300 µg/m³
341508232-0003	Site: (b)(4) Blasting				
S1113	8/18/2015	8/19/2015	960 L	4.2 µg/m³	1400 µg/m³
341508232-0004	Site: (b)(4) Helper				
S1114	8/18/2015	8/19/2015	950 L	4.2 µg/m³	<4.2 µg/m³
341508232-0005	Site: Below the Containment Level 9				
S1115	8/18/2015	8/19/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341508232-0006	Site: Blank				

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 08/19/2015 14:13:49

OrderID: (b)(4)

EMSL Analytical, Inc.
11931 Industriplex Boulevard,
Baton Rouge, LA 70809
PHONE: (225) 755-1920
FAX: (225) 755-1989

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: (b)(4)

Company: OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to Is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): Accounts Payable		**Telephone #:** 813-626-8156	
Email Address: ohcaccountant@ohcnet.com		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis 140063		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MI		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☑
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☑ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☑
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1109	Inside THE Decon Level 13	960	8-18-15 0620
S1110	outside THE Decon Level 13	960	0620
S1111	Below Decon Level 12	970	0625
S1112	(b)(4) Blasting	960	0630
S1113	Helper	960	0630

Client Sample #'s - **Total # of Samples:**

Relinquished (Client): (b)(4)	**Date:** 8-18-15	**Time:** 1600
Received (Lab):	**Date:** 8-19-15	**Time:** 9am

(b)(4)

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

PHONE:
FAX:

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1114	Below the Containment Level 9	950	8-18-15 0645
S1115	BLANK		
SCGW 335	INSIDE THE DECON Level 13	12" x 12"	8-18-15
SCGW 336	Outside THE Decon Level 13	12" x 12"	8-18-15

Comments/Special Instructions:

National Aeronautics and Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

CONTRACTOR TRANSMITTAL SHEET

DATE: September 18, 2015

SHEET 1 OF 1

SECTION I - REQUEST FOR APPROVAL *(To be Initiated by the Contractor)*

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE
(See Instructions on Reverse)

CONTRACT NO.: NNS14AA30T

X NEW SUBMITTAL

0 RESUBMITTAL

TO	FROM	PREVIOUS TRANSMITTAL NO. (If Any)	TRANSMITTAL NO.
(b)(4)	**HARRY PEPPER & ASSOCIATES, INC.**	**0**	**462**

SPECIFICATION AND SECTION NO. *(Cover Only One Section With Each Transmittal*: 200H0-GA04 Air & Wipe Samples Collected 9-1-15 thru 9-15-15

PROJECT TITLE AND LOCATION: SL430WFB00-03 SOFT CORE PAINTING

ITEM NO. (a)	DESCRIPTION OF ITEM SUBMITTED (Type, Size, Model Number, etc.) (See Instruction No. 3) (b)	MANUFACTURER OF ITEM *(See Instruction No. 8)* (c)	NO OF COPIES (d)	CONTRACT REFERENCE DOCUMENT: SPECIFICATION PARAGRAPH NO. (e)	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. (f)	VARIATION (See Instruction No. 6) (g)	ACTION CODE (See Instruction No. 9) (h)
1	Air & Wipe Samples Collected 9-1-15	OHC	3	3.4.1.1.c	-	-	
2	Air & Wipe Samples Collected 9-2-15	OHC	3	3.4.1.1.c	-	-	-
3	Air & Wipe Samples Collected 9-3-15	OHC	3	3.4.1.1.c	-	-	-
4	Samples collected North East Pier 9-12-15	OHC	3	3.4.1.1.c	-	-	-
5	Air & Wipe Samples collected 9-15-15	OHC	3	3.4.1.1.c	-	-	-
-	-	-	3	3.4.1.1.c	-	-	-
-	-	-	3	3.4.1.1.c	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REMARKS: 3 Hard Copies

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings & specifications, except as stated.

(b)(4)

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED *(List by Item No.)*	NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY	DATE

FW: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)
(b)(4)
to:
(b)(4)
09/04/2015 06:57 AM
Hide Details
(b)(4)

2 Attachments

PDF PDF
(b)(4)

Attached please find the test results for samples collected on September 1, 2015. All the samples are within acceptable levels.

(b)(4) **MS, CIH**
President
OHC ENVIRONMENTAL ENGINEERING
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Ema (b)(4)
www.OHCNET.com
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, September 03, 2015 6:47 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B2 Test Stand

Please tell us how we are doing.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/03/15 9:00 AM
Collected: 9/1/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1204 *Lab ID* 341508895-0001 *Collected:* 9/1/2015
(b)(4) *(ADS) Blasting Helper 11th*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1360 L	91 µg/m³

Client Sample Description S1205 *Lab ID* 341508895-0002 *Collected:* 9/1/2015
(b)(4) *(ADS) Spot Abatement L*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	430 L	<9.3 µg/m³

Client Sample Description S1206 *Lab ID* 341508895-0003 *Collected:* 9/1/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1310 L	<3.1 µg/m³

Client Sample Description S1207 *Lab ID* 341508895-0004 *Collected:* 9/1/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1310 L	<3.1 µg/m³

Client Sample Description S1208 *Lab ID* 341508895-0005 *Collected:* 9/1/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1310 L	<3.1 µg/m³

Client Sample Description S1209 *Lab ID* 341508895-0006 *Collected:* 9/1/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1310 L	6.1 µg/m³

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 09/03/2015 18:46:07

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/03/15 9:00 AM
Collected: 9/1/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1210 *Lab ID* 341508895-0007 *Collected:* 9/1/2015
Area Sample Level 3 SE Pier

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	430 L	<9.3 µg/m³

Client Sample Description S1211 *Lab ID* 341508895-0008 *Collected:* 9/1/2015
Area Sample Level 6 1/2 Pipe

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	1290 L	<3.1 µg/m³

Client Sample Description S1212 *Lab ID* 341508895-0009 *Collected:* 9/1/2015
(b)(4) *(ADS) Level 6 1/2 Spot A*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	500 L	230 µg/m³

Client Sample Description S1213 *Lab ID* 341508895-0010 *Collected:* 9/1/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/3/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW357 *Lab ID* 341508895-0011 *Collected:* 9/1/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/3/2015	144 in²	220 µg/ft²

Client Sample Description SCGW358 *Lab ID* 341508895-0012 *Collected:* 9/1/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/3/2015	144 in²	100 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/03/2015 18:46:07

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Nam (b)(4)	**Telephone #:** 813-626-8156
Email Address:	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3 6 µg/filter	☐
Other:				☐

Name of Sampler (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1204	(b)(4) S)Blasting Helper 11th Fl S. Containment(Hood)	1360L	9/1/15 7:45am 7:05pm
S1205	DS)Spot Abatement level 3 SE Pier (1/2 Face)	430L	9/1/15 7:45am 11:20am
S1206	Inside 13th Fl Decon	1310L	9/1/15 7:50am 6:45pm
S1207	Outside 13th Fl Decon	1310L	9/1/15 7:50am 6:45pm
S1208	Below 13th Fl Decon	1310L	9/1/15 7:51am 6:46pm

Client Sample #'s S1204 - S1213 SCGW357 SCGW358 **Total # of Samples:** 12

Relinquished (Client (b)(4) **Date:** 9/1/15 **Time:** 5:30pm

Received (Lab): **Date:** 9/2/15 **Time:** 9:00am

Comments:

Page 1 of 2 pages

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*

(b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE (203) 284-5948
FAX (203) 284-5978

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1209	11th Fl South West Corner Soft Core	1310L	9/1/15 7:52am 6:47pm
S1210	Area sample Level 3 SE Pier	430L	9/1/15 7:45am 11.20am
S1211	Area sample Level 6 1/2 Pipe	1290L	9/1/15 8:05am 6:50pm
S1212	(b)(4) ADS) Level 6 1/2 Spot Abatement	500L	9/1/15 2:40pm 6:50pm
S1213	Blank	0L	9/1/15
SCGW357	Inside the 13th Fl Decon	12X12	9/1/15
SCGW358	Outside the 13th Fl Decon	12X12	9/1/15

Comments/Special Instructions:

Page 2 of 2 pages

FW: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)
(b)(4)
to:
(b)(4)
09/05/2015 04:02 AM
Hide Details
(b)(4)

2 Attachments

(b)(4) pdf (b)(4) pdf

Attached please find the test results for air and wipe samples collected on September 2, 2015. All the samples are well within acceptable levels.

(b)(4), MS, CIH
President
OHC ENVIRONMENTAL ENGINEERING
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Ema (b)(4)
www.OHCNET.com

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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Friday, September 04, 2015 3:45 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B2 Test Stand

Please tell us how we are doing.

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/04/15 9:00 AM
Collected: 9/2/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1214 *Lab ID* 341508944-0001 *Collected:* 9/2/2015
(b)(4) *ADS) Blasting Helper 11*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	1174 L	29 µg/m³

Client Sample Description S1215 *Lab ID* 341508944-0002 *Collected:* 9/2/2015
(b)(4) *ADS) Spot Abatement*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	540 L	22 µg/m³

Client Sample Description S1216 *Lab ID* 341508944-0003 *Collected:* 9/2/2015
Inside 13th Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	1120 L	<3.6 µg/m³

Client Sample Description S1217 *Lab ID* 341508944-0004 *Collected:* 9/2/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	1120 L	<3.6 µg/m³

Client Sample Description S1218 *Lab ID* 341508944-0005 *Collected:* 9/2/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	1120 L	7.1 µg/m³

Client Sample Description S1219 *Lab ID* 341508944-0006 *Collected:* 9/2/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	1120 L	3.9 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 09/04/2015 15:43:44

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/04/15 9:00 AM
Collected: 9/2/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1220 *Lab ID* 341508944-0007 *Collected:* 9/2/2015
Area Sample Level 6 1/2 SE Corner Pi

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	540 L	<7.4 µg/m³

Client Sample Description S1221 *Lab ID* 341508944-0008 *Collected:* 9/2/2015
Area Sample 10th Floor Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	930 L	<4.3 µg/m³

Client Sample Description S1222 *Lab ID* 341508944-0009 *Collected:* 9/2/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/4/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW359 *Lab ID* 341508944-0010 *Collected:* 9/2/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/4/2015	144 in²	27 µg/ft²

Client Sample Description SCGW360 *Lab ID* 341508944-0011 *Collected:* 9/2/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/4/2015	144 in²	35 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC–ELLAP Accredited #163563

Initial Report From 09/04/2015 15:43:44

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company : OHC Environmental Engineering, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5420 Bay Center Drive Suite 100			
City: Tampa	**State/Province:** FL	**Zip/Postal Code:** 33609	**Country:** United States
Report To (Name): (b)(4)		**Telephone #:** 813-626-8156	
Email Address: (b)(4)		**Fax #:** 813-623-6702	**Purchase Order:**
Project Name/Number: Stennis B2 Test Stand		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: MS		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200 8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1214	(b)(4) DS)Blasting Helper 11th Fl S. Containment(Hood)	1174L	9/2/15 9:30am 7:12pm
S1215	DS)Spot Abatement level 6 1/2 SE Corner Pipe(1/2 Face)	540L	9/2/15 9:50am 2:20pm
S1216	Inside 13th Fl Decon	1120L	9/2/15 9:45am 7:05pm
S1217	Outside 13th Fl Decon	1120L	9/2/15 9:45am 7:05pm
S1218	Below 13th Fl Decon	1120L	9/2/15 9:46am 7:06pm

Client Sample #'s S1214 - S1219 SC6W359 SC6W360 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 9/2/15 **Time:** 5:30pm

Received (Lab): **Date:** 9/4/15 **Time:** 9am

Comments:

OrderID: (b)(4)

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX. (203) 284-5978

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1219	11th Fl South West Corner Soft Core	1120L	9/2/15 9:47am 7:07pm
S1220	Area sample Level 6 1/2 SE Corner Pipe	540L	9/2/15 9:55am 2:20pm
S1221	Area sample 10th Floor Exterior	930L	9/2/15 9:50am 5:35pm
S1222	Blank	0L	9/2/15
SCGW359	Inside the 13th Fl Decon	12X12	9/2/15
SCGW360	Outside the 13th Fl Decon	12X12	9/2/15

Comments/Special Instructions:

FW: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)

[redacted] to: [redacted] 09/08/2015 03:28 PM

4 attachments

ATT00001.png 341509000_coc.pdf 341509000_001.pdf image001.png

Attached please find the test results for the air and wipe samples collected on September 3, 2015. All the samples are well within acceptable levels. The spot abatement was conducted inside the containment.

[redacted] MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Email [redacted]
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Tuesday, September 08, 2015 3:50 PM
To: [redacted]
Subject: EMSL report, COC for order(s) [redacted] - Stennis B2 Test Stand)

Report, COC for order(s):
[redacted] - Stennis B2 Test Stand

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Click here to fill out our Customer Survey<
http://www2.emsl.com/custsurvey/?fromregion=eastcoast>

<http://www.emsl.com/>[cid:44717465-f223-49bb-bbeb-27ff8e63130c]<
http://www.emsl.com/><http://www.emsl.com/> [redacted] | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/08/15 8:45 AM
Collected: 9/3/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1230 *Lab ID* 341509000-0007 *Collected:* 9/3/2015
10th Fl South East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1150 L	<3.5 µg/m³

Client Sample Description S1231 *Lab ID* 341509000-0008 *Collected:* 9/3/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW361 *Lab ID* 341509000-0009 *Collected:* 9/3/2015
Inside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/8/2015	144 in²	160 µg/ft²

Client Sample Description SCGW362 *Lab ID* 341509000-0010 *Collected:* 9/3/2015
Outside The 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/8/2015	144 in²	34 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/08/2015 15:49:24

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/08/15 8:45 AM
Collected: 9/3/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1223 *Lab ID* 341509000-0001 *Collected:* 9/3/2015
(b)(4) *(ADS) Blasting Helper 11t*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1220 L	40 µg/m³

Client Sample Description S1224 *Lab ID* 341509000-0002 *Collected:* 9/3/2015
(b)(4) *ADS) Spot Abatement (*

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	786 L	100 µg/m³

Client Sample Description S1225 *Lab ID* 341509000-0003 *Collected:* 9/3/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1114 L	<3.6 µg/m³

Client Sample Description S1226 *Lab ID* 341509000-0004 *Collected:* 9/3/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1114 L	<3.6 µg/m³

Client Sample Description S1227 *Lab ID* 341509000-0005 *Collected:* 9/3/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1114 L	<3.6 µg/m³

Client Sample Description S1228 *Lab ID* 341509000-0006 *Collected:* 9/3/2015
11th Fl South West Corner Soft Core

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/8/2015	1116 L	<3.6 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/08/2015 15:49:24

OrderID: (b)(4)

EMSL ANALYTICAL, INC.

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE (203) 284-5948
FAX (203) 284-5978

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1228	11th Fl South West Corner Soft Core	1116L	9/3/15 6:47am 4:05pm
S1229	Down Wind Area Sample Roof Level Entrance	VOID	9/3/15 6:42am VOID
S1230	10th Floor South East Exterior	1150L	9/3/15 6:50am 4:25pm
S1231	Blank	0L	9/3/15
SCGW361	Inside the 13th Fl Decon	12X12	9/3/15
SCGW362	Outside the 13th Fl Decon	12X12	9/3/15

Comments/Special Instructions:

Page 2 of 2 pages

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE (203) 284-5948
FAX (203) 284-5978

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company : OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0 4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1223	(b)(4) ADS)Blasting Helper 11th Fl S. Containment (Full Face)	1220L	9/3/15 6:40am 4:50pm
S1224	(b)(4) ADS)Spot Abatement (grinding) of Handrail's 13th Fl Inside S. Containment (1/2 Face)	786L	9/3/15 6:42am 1:15pm
S1225	Inside 13th Fl Decon	1114L	9/3/15 6:45am 4:02pm
S1226	Outside 13th Fl Decon	1114L	9/3/15 6:45am 4:02pm
S1227	Below 13th Fl Decon	1114L	9/3/15 6:46am 4:03pm

Client Sample #'s S1223 - S1231 SCGW361 SCGW362 **Total # of Samples:** 10

Relinquished (Client): (b)(4) **Date:** 9/3/15 **Time:** 5:30pm

Received (Lab): **Date:** 9/8/15 **Time:** 8:45

Comments:

FW: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

(b)(4) to: (b)(4) 09/18/2015 04:32 AM

4 attachments

ATT00001.png 341509391_coc.pdf 341509391_001.pdf image001.png

Attached please find the test results for samples collected on September 12 on the NE Pier. All the samples are below detection level.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Email: (b)(4)
www.OHCNET.com<http://www.ohcnet.com/>
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, September 17, 2015 4:39 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B2 Test Stand

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<http://www.emsl.com/>[cid:d4549201-29e8-4444-935c-e9b9a502ba8c]<
http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
Lab Hours: Monday - Friday 8:30AM - 6PM, Saturday-Sunday On-Call

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http://www.emsl.com/index.cfm?nav=Pages&ID=477> | Additional Resources<
http://www.emsl.com/index.cfm?nav=Pages&ID=421> | Sampling Videos<
http://www.emsl.tv>

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Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/17/15 9:20 AM
Collected: 9/12/2015

Project: **Stennis B2 Test Stand**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
S1248	9/12/2015	9/17/2015	576 L	6.9 µg/m³	<6.9 µg/m³
341509391-0001	Site: (b)(4) DS)Spot Abate NE. Pier NE 7th Fl Inbed				
S1249	9/12/2015	9/17/2015	576 L	6.9 µg/m³	<6.9 µg/m³
341509391-0002	Site: Down Wind Spot Abatement NE. Pier Inbeds 7 Level				
S1250	9/12/2015	9/17/2015	0 L	4.0 µg/filter	<4.0 µg/filter
341509391-0003	Site: Blank				

(b)(4)
(b)(4), Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those Items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 09/17/2015 16:38:28

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
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Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only).*

(b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 5420 Bay Center Drive Suite 100	
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0 3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200 9	Graphite Furnace AA	0 003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0 001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1248	(b)(4) DS)Spot Abate NE. Pier NE 7th Fl Inbeds(Full Face)	576L	9/12/15 9:12am 2:00pm
S1249	Down Wind Spot Abatement NE. Pier Inbeds 7 level	576L	9/12/15 9:12am 2:00pm
S1250	Blank	0L	9/12/15

Client Sample #'s S1248 - S1250 **Total # of Samples:** 3

Relinquished (Client): (b)(4) **Date:** 9/12/15 **Time:** 5:30pm

Received (Lab): **Date:** 9-17-15 **Time:** 9:20am

Comments:

FW: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)e

(b)(4) to: (b)(4) 09/18/2015 04:35 AM

4 attachments

ATT00001.png 341509390_coc.pdf 341509390_001.pdf image001.png

Attached please find the test results for samples collected on September 15, 2015. All the samples are well within acceptable levels.

(b)(4) MS, CIH
President
[cid:image001.png@01CD10DB.A9302780]
OHC Environmental Engineering Inc.
5420 Bay Center Drive
Tampa, Florida 33609
Phone: 813.626.8156
Cell:
Email: (b)(4)
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From: EMSL (Orlando) [mailto:orlandolab@emsl.com]
Sent: Thursday, September 17, 2015 4:37 PM
To: (b)(4)
Subject: EMSL report, COC for order(s) (b)(4) - Stennis B2 Test Stand)

Report, COC for order(s):
(b)(4) - Stennis B2 Test Stand

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http://www.emsl.com/><http://www.emsl.com/> (b)(4) | Laboratory Analyst /LaboratoryTechnical Director
EMSL Analytical, Inc. | 5125 Adanson Street, Suite 900 | Orlando, FL 32804
Phone: 407-599-5887 | Fax: 407-599-9063 | Toll Free: 888-958-8170
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http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/17/15 9:20 AM
Collected: 9/15/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1251 *Lab ID* 341509390-0001 *Collected:* 9/15/2015
(b)(4) (ADS) Cleaning Inside the

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	910 L	29 µg/m³

Client Sample Description S1252 *Lab ID* 341509390-0002 *Collected:* 9/15/2015
(b)(4) ADS)Spot Abate Grindi

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	840 L	<4.8 µg/m³

Client Sample Description S1253 *Lab ID* 341509390-0003 *Collected:* 9/15/2015
Inside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	1090 L	<3.7 µg/m³

Client Sample Description S1254 *Lab ID* 341509390-0004 *Collected:* 9/15/2015
Outside 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	1090 L	<3.7 µg/m³

Client Sample Description S1255 *Lab ID* 341509390-0005 *Collected:* 9/15/2015
Below 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	1090 L	<3.7 µg/m³

Client Sample Description S1256 *Lab ID* 341509390-0006 *Collected:* 9/15/2015
10th Floor South East Exterior

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	770 L	<5.2 µg/m³

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = ug/m3 x volume sampled (m3). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. Unless otherwise noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/17/2015 16:34:56

EMSL Analytical, Inc.
5125 Adanson Street, Suite 900, Orlando, FL 32804
Phone/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com orlandolab@emsl.com

EMSL Order: (b)(4)
CustomerID: OCCU56
CustomerPO:
ProjectID:

Attn: (b)(4)
OHC Environmental Engineering, Inc.
5420 Bay Center Drive
Suite 100
Tampa, FL 33609

Phone: (813) 626-8156
Fax: (813) 623-6702
Received: 09/17/15 9:20 AM
Collected: 9/15/2015

Project: **Stennis B2 Test Stand**

Test Report

Client Sample Description S1258 *Lab ID* 341509390-0007 *Collected:* 9/15/2015
Blank

Test	*Method*	*Parameter*	*Analyzed*	*Volume*	*Concentration*
Pb-FLAA	7082	Lead	9/17/2015	0 L	<4.0 µg/filter

Client Sample Description SCGW367 *Lab ID* 341509390-0008 *Collected:* 9/15/2015
Inside the 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/17/2015	144 in²	95 µg/ft²

Client Sample Description SCGW368 *Lab ID* 341509390-0009 *Collected:* 9/15/2015
Outside the 13th Fl Decon

Test	*Method*	*Parameter*	*Analyzed*	*Area Sampled*	*Concentration*
Pb-FLAA	7000B	Lead	9/17/2015	144 in²	62 µg/ft²

(b)(4)
(b)(4) Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial Report From 09/17/2015 16:34:56

OrderID: (b)(4)

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* (b)(4)

Company: OHC Environmental Engineering, Inc.	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 5420 Bay Center Drive Suite 100	*Third Party Billing requires written authorization from third party*
City: Tampa **State/Province:** FL	**Zip/Postal Code:** 33609 **Country:** United States
Report To (Name) (b)(4)	**Telephone #:** 813-626-8156
Email Address: (b)(4)	**Fax #:** 813-623-6702 **Purchase Order:**
Project Name/Number: Stennis B2 Test Stand	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: MS	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ■ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B	Flame Atomic Absorption	0.01%	☐
Air 24 HR.	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	■
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	☐
Wipe* ASTM ■ non ASTM ☐ *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	■
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	☐
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: (b)(4) **Signature of Sampler:** (b)(4)

Sample #	Location	Volume/Area	Date/Time Sampled
S1251	(b)(4) S)Cleaning inside the South Containment(1/2 Face)	910L	9/15/15 8:05am 3:40pm
S1252	(b)(4) DS)Spot Abate Grinding I Beams 15th fl. exterior E Side(Full Face)	840L	9/15/15 7:00am 2:00pm
S1253	Inside 13th Fl Decon	1090L	9/15/15 6:50am 3:55pm
S1254	Outside 13th Fl Decon	1090L	9/15/15 6:50am 3:55pm
S1255	Below 13th Fl Decon	1090L	9/15/15 6:51am 3:56pm

Client Sample #'s S1251 - S1258 SCGW367 SCGW368 **Total # of Samples:** 11

Relinquished (Client): (b)(4) **Date:** 9/15/15 **Time:** 5:30pm

Received (Lab): **Date:** 9-17-15 **Time:** 9:20am

Comments:
Sample # S1257 missing -(b)(4) 9-17-15

Page 1 of 2 pages

OrderID: (b)(4)

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LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* (b)(4)

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
S1256	10th Floor South East Exterior	770L	9/15/15 9:45am 4:10pm
S1257	Down Wind(ADS)Spot Abate Grinding I Beams 15th fl Exterior E Side	VOID	9/15/15 7:00am
S1258	Blank	0L	9/15/15
SCGW367	Inside the 13th Fl Decon	12X12	9/15/15
SCGW368	Outside the 13th Fl Decon	12X12	9/15/15

Comments/Special Instructions:

Page 2 of 2 pages