FINAL SAMPLING TRIP REPORT

SITE NAME:	Jewett White Lead Company Site
DCN No.:	RST 2-02-F-1514
TDD No.:	TO-0018
SAMPLING DATES:	October 4 to 28, 2010
EPA SITE I.D. NO.:	RS

1. Site Location: Jewett White Lead Company Site
2000-2015 Richmond Terrace,
Staten Island, Richmond County, New York
Refer to Attachment A, Figure 1, Sample and Well Location Map

2. Sample Locations: Refer to Attachment A - Figure 1, Sample and Well Location Map

3. Sample Descriptions:

Between October 4 and 8, 2010, WESTON collected soil samples from the portion of the Site located at 2000-2012 Richmond Terrace. 165 of the soil samples were collected from 25 test pits excavated with an excavator. Test pit soil samples were collected from 1-ft depth intervals from the surface to up to 8 ft below ground surface (bgs). In addition, 23 soil samples were collected from three soil borings advanced with hollow-stem augers, from 1-ft depth intervals from the surface to the water table. The soil borings were completed as overburden monitoring wells with screened intervals intended to intercept the water table. Each soil sample was field screened for lead using an Innov-X Alpha field portable X-Ray fluorescence (FPXRF) analyzer. Of these samples, 17 soil samples (plus one duplicate sample and one equipment rinsate blank sample) collected from test pits and three soil samples collected from the soil borings (from the depth interval at the water table, plus a duplicate sample), representing a range of soil lead screening results, were submitted for laboratory analysis for Target Analyte List (TAL) Metals (Lead only), Toxicity Characteristic Leaching Procedure (TCLP) Metals (Lead only), and Synthetic Precipitation Leaching Procedure (SPLP) Metals (Lead only) under Chain-of-Custody (CoC). Refer to Attachment B, Table 1 for sample collection information, Attachment C for sample CoCs, and Attachment D for selected site photographs.

Between October 11 and 15, 2010, WESTON collected soil samples from the portion of the Site located at 2015 Richmond Terrace. 123 of the soil samples were collected from 25 soil borings advanced using direct-push technology. These soil boring soil samples were collected from 1-ft depth intervals from the surface to up to 8 ft bgs. In addition, 14 soil samples were collected from two soil borings advanced with hollow-stem augers, from 1-ft depth intervals from the surface to the water table. These two soil borings were

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completed as overburden monitoring wells with screened intervals intended to intercept the water table. All but four of the soil samples were field screened for lead using an Innov-X Alpha FPXRF analyzer, the four unscreened samples could not be screened due to soil saturation. In addition, 11 soil samples (plus one duplicate sample and one equipment rinsate blank sample) collected from test pits and two soil samples collected from the soil borings (from the depth interval at the water table), representing a range of soil lead screening results, were submitted for laboratory analysis for TAL Metals, TCLP Lead, and SPLP Lead. Refer to Attachment B, Table 1 for sample collection information, Attachment C for sample CoCs, and Attachment D for selected site photographs.

Also between October 4 and 15, 2010 during both periods of subsurface investigations, particulate lead monitoring was performed at an upwind and two downwind locations, as well as personnel particulate monitoring. Subsurface investigations were initiated in Level C personal protection, until three rounds of particulate lead monitoring indicated no detectable lead, with detection limits well below the exposure limits, at which time personal protection was downgraded to modified Level D, although personnel and perimeter monitoring continued.

On October 19, 2010, using an EPA-provided boat, WESTON collected four co-located sediment and surface water samples from locations within the Kill Van Kull and at the outfalls of the municipal storm water drainage system. Surface water samples were collected at each location first, directly into sample containers; sediment samples were collected with a ponar sampler. Water quality parameters were measured at each sampling location prior to sample collection. The four sediment and surface water samples (plus duplicate sediment and surface water samples and sediment sampling equipment rinsate blank sample) were submitted for laboratory analysis for TAL Metals. Refer to Attachment B, Table 1 for sample collection information, Attachment C for sample CoCs, and Attachment D for selected site photographs.

On October 28, 2010, WESTON collected two co-located sediment and surface water samples from catch basins that are part of the municipal storm water drainage system; samples were collected through the catch basin grates. Surface water samples were collected at each location first, using a peristaltic pump; sediment samples were collected with a stainless steel spoon mounted on a pole. Water quality parameters were measured at each sampling location prior to sample collection. The two sediment and surface water samples (plus duplicate sediment and surface water samples and sediment and peristaltic pump sampling equipment rinsate blank sample) were submitted for laboratory analysis for TAL Metals. Refer to Attachment B, Table 1 for sample collection information, Attachment C for sample CoCs, and Attachment D for selected site photographs.

Also on October 28, 2010, WESTON collected groundwater samples from the four of the five overburden monitoring wells installed at the Site. One well, PO-03, was found to be dry at the time of sampling. The samples were collected using EPA's low-flow/low-stress methodology, although two wells produced excessive (>10%) drawdown, which was not fully compliant with the methodology. Water quality parameters were measured at each sampling location prior to sample collection. The four groundwater samples (plus a

duplicate sample, the same peristaltic pump sampling equipment rinsate blank sample applies to both surface water and groundwater sampling) were submitted for laboratory analysis for TAL Lead. Refer to Attachment B, Table 1 for sample collection information, Attachment C for sample CoCs, and Attachment D for selected site photographs.

4. Laboratories Receiving Samples:

Sample Matrix	CLP Case Number	Analyses	Laboratory
Soil/	n/a	TAL Metals, TCLP Metals (Lead), SPLP Metals (Lead)	EPA Region 2 Laboratory DESA-HWSB-HWSS 2890 Woodbridge Ave. Edison, NJ 08837 (732) 906-6886
Sediment/ Surface Water/ Groundwater	n/a	TAL Metals	EPA Region 2 Laboratory DESA-HWSB-HWSS 2890 Woodbridge Ave. Edison, NJ 08837 (732) 906-6886
Particulates	n/a	Lead	EMSL Analytical, Inc. 3 Cooper Street Westmont, NJ 08108 (856) 858-3899

5. Sample Dispatch Data:

On October 4, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 8739 5994 8460.

On October 5, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 1316 9981.

On October 6, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 1767 6835.

On October 7, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 2229 4306.

On October 8, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 2556 3304.

On October 12, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 3538 2886.

On October 12, 2010, WESTON shipped 17 soil and one rinsate blank samples to EPA's Region 2 Laboratory, Edison, New Jersey for TAL Lead, TCLP Lead, and SPLP Lead analyses. Samples were shipped by FedEx under the Airbill No. 8715 6304 5796.

On October 13, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7963 4014 0872.

On October 14, 2010, WESTON shipped five particulate filter samples to an WESTON procured laboratory, EMSL Analytical, Inc., Westmont, New Jersey for total Lead analyses. Samples were shipped by FedEx under Tracking No. 7940 2026 4630.

On October 19, 2010, WESTON shipped 13 soil and one rinsate blank samples to EPA's Region 2 Laboratory, Edison, New Jersey for TAL Lead, TCLP Lead, and SPLP Lead analyses. Samples were shipped by FedEx under the Airbill No. 8715 6304 5580.

On October 19, 2010, WESTON shipped six soil and two rinsate blank samples to EPA's Region 2 Laboratory, Edison, New Jersey for TAL Lead, TCLP Lead, and SPLP Lead analyses. Samples were shipped by FedEx under the Airbill No. 8715 6304 5590.

On October 21, 2010, WESTON hand-delivered 219 soil samples to EPA's Region 2 Laboratory, Edison, New Jersey for archiving.

On October 19, 2010, WESTON hand-delivered five sediment and surface water and one rinsate blank samples to EPA's Region 2 Laboratory, Edison, New Jersey for TAL Lead analyses.

On October 19, 2010, WESTON hand-delivered three sediment and surface water, five groundwater, and two rinsate blank samples to EPA's Region 2 Laboratory, Edison, New Jersey for TAL Lead analyses.

Refer to Attachment C for copies of the Chain of Custody Records.

6. **Personnel On Site:**

Name	Representing	Duties On-Site
Kimberly Staiger	US EPA Region 2	On-Scene Coordinator
Joseph Schmidl	WESTON	Site Project Manager, Site QA/QC, Sample Collection, Sample Management and Shipment
Scott Snyder	WESTON	Site Health & Safety, Sample Management & Shipment
Anthony Daniels	WESTON	Sample Collection, Sample Management & Shipment
Joseph Rizzo	WESTON	Field XRF Analysis, Sample Management & Shipment
Julissa Morales	WESTON	Sample Collection
Peter Lischenko	WESTON	Sample Collection, Site Survey
Joel Bernstein	SET	Manager
Ralph Rich	SET	Equipment Operator
Andrew Gillette	SET	Equipment Operator
Darwin Reid	SET	Geoprobe Operator
Peter Miller	AG	Geophysical Survey

7. **Additional Comments:**

On October 28, 2010, following sampling on the 2000-2012 Richmond Terrace portion of the Site, the test pit locations were seeded with grass seed to encourage the growth of a grass cover to reduce the potential for dust generation. In addition, following sampling on the 2015 Richmond Terrace portion of the Site, the soil boring locations situated within paved areas were repaired using clean fill and cold-patch. Refer to Attachment D for Site Photographic Documentation Log.

Review of the particulate sample analyses (included in Attachment E), which were procured with 6- to 24-hour TATs, indicate that lead was not detectable in any of the samples, and that sample detection limits were lower than the applicable OSHA standards. In addition, the dosimetry monitoring performed by the FPXRF operator confirms that no radiation exposure above background levels occurred.

8. **Report prepared by:** _____ Date 7 December 2010

Joseph Schmidl
Weston Solutions, Inc.

Report reviewed by: _____ Date _____

Jennifer Sy
Readiness Coordinator, RST 2

ATTACHMENT A

Figure 1: Sample and Well Installation Location Map

SD-2
SD-3
SD-1
SD-4
Ferry St
Church St
Ann St
MSC-1
MSCA-1
MSCB-1
MSCC-1
MSCD-1
MSCE-1
MSCF-1
MSCE-2
MSCF-2
MSCF-3
MSCE-3
MSCD-4
MSCE-4
MSCF-4
MSCD-5
MSC-2
MSCF-5
MSCA-5
MSCB-3
MSCB-4
MSCC-3
MSCD-2
MSCB-5
MSCC-4
MSCD-3
MSCC-5
ZA-1
SD/SW-06
A-1.5
AB-1.5
AB-1
BC-1
BC-1.5
CD-1
CD-1.5
DE-1
A-2.5
PO-1
ZA-3.5
ZA-4
BC-2.5
CD-3
EF-1
AB-3.5
AB-4
BC-4
DE-2
PO-3
A-5.5
F-1
C-4
D-4
EF-2.5
AB-5.5
PO-2
SD/SW-05
AB-2.5

0 100 200 400
Feet

LEGEND:
- Monitoring Well
- Soil Boring Location
- On-Shore Surface Water and Sediment Sample Location
- Off Shore Sediment Sample Location
- Soil Sample Location
- Project Area

N

PROJECT: JEWETT WHITE LEAD

CLIENT NAME: USEPA

TITLE:

SAMPLE AND WELL INSTALLATION LOCATION STATEN ISLAND, NEW YORK

WESTON

DATE: 11/10/2010

FIGURE #: 1

P:\JewettWhiteLead\GIS\MXD\08555_JWL_SampleLocationMap_Post.mxd

ATTACHMENT B

Table 1: Sample Collection Information, including Field Logbook Notes and Field Data Collection Forms (Test Pit Logs, Soil Boring Logs, Well Construction Logs, Groundwater Sample Collection Logs, and Field XRF Analytical Results)

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
Perfetto Property Test Pit Samples					
RB-01	Blank	Lead		10/8/2010	8:25
S-AB1.5-0405	Soil	Lead, SPLP Lead, TCLP Lead	AB-1.5	10/6/2010	
S-AB1-0708			AB-1	10/4/2010	13:25
S-AB2.5-0102			AB-2.5	10/8/2010	8:38
S-AB2.5-0304			AB-2.5	10/8/2010	8:42
S-AB3.5-0001			AB-3.5	10/8/2010	10:10
S-BC1-0001			BC-1	10/4/2010	14:00
S-C4-0102			C-4	10/7/2010	13:24
S-CD1.5-0405			CD-1.5	10/5/2010	8:25
S-CD3-0001			CD-3	10/7/2010	9:42
S-CD3-0001-E			CD-3	10/7/2010	14:35
S-CD3-0102			CD-3	10/7/2010	9:44
S-CD3-0203			CD-3	10/7/2010	9:46
S-DE1-0506			DE-1	10/5/2010	9:40
S-DE1-0607			DE-1	10/5/2010	9:43
S-ZA1-0304			ZA-1	10/4/2010	10:45
S-ZA3.5-0405			ZA-3.5	10/6/2010	14:28
S-ZA3.5-0708			ZA-3.5	10/6/2010	14:35
S-ZA4-0607			ZA-4	10/6/2010	13:36
Monitoring Well Soil Samples					
RB-02	Blank	Lead		10/8/2010	9:00
RB-04				10/14/2020	9:20
S-MSC1-0708	Soil	Lead, SPLP Lead, TCLP Lead	MSC-01	10/14/2010	10:10
S-MSC2-0708			MSC-02	10/14/2010	11:00
S-PO1-0607			PO-01	10/7/2010	14:47
S-PO2-0506			PO-02	10/7/2010	15:17
S-PO2-0506-E			PO-02	10/7/2010	15:17
S-PO3-0910			PO-03	10/7/2010	10:42
Moran Property Soil Boring Samples					
RB-03	Blank	Lead		10/12/2010	8:35
S-MSCB1-0102	Soil	Lead, SPLP Lead, TCLP Lead	MSCB-1	10/12/2010	10:10
S-MSCB1-0304			MSCB-1	10/12/2010	10:14
S-MSCB5-0001			MSCB-5	10/14/2010	9:16
S-MSCB5-0001-E			MSCB-5	10/14/2010	9:16
S-MSCC1-0102			MSCC-1	10/12/2010	11:20
S-MSCC1-0203			MSCC-1	10/12/2010	11:22
S-MSCC5-0102			MSCC-5	10/13/2010	13:30
S-MSCC5-0506			MSCC-5	10/13/2010	13:42
S-MSCD1-0102			MSCD-1	10/12/2010	11:46
S-MSCD4-0304			MSCD-4	10/13/2010	11:56
S-MSCD5-0506			MSCD-5	10/13/2010	13:20
S-MSCF4-0405			MSCF-4	10/13/2010	10:28
S-MSCF5-0304			MSCF-5	10/13/2010	9:46

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
Archived Soil Samples					
S-A5.5-0001	Soil	Hold	A-5.5	10/6/2010	
S-A5.5-0102			A-5.5	10/6/2010	
S-A5.5-0203			A-5.5	10/6/2010	
S-A5.5-0304			A-5.5	10/6/2010	
S-A5.5-0405			A-5.5	10/6/2010	
S-AB1.5-0001			AB-1.5	10/6/2010	9:52
S-AB1.5-0102			AB-1.5	10/6/2010	9:54
S-AB1.5-0203			AB-1.5	10/6/2010	9:56
S-AB1.5-0304			AB-1.5	10/6/2010	10:00
S-AB1.5-0405-E			AB-1.5	10/6/2010	
S-AB1-0001			AB-1	10/4/2010	12:55
S-AB1-0102			AB-1	10/4/2010	12:50
S-AB1-0203			AB-1	10/4/2010	13:00
S-AB1-0304			AB-1	10/4/2010	13:05
S-AB1-0405			AB-1	10/4/2010	13:10
S-AB1-0506			AB-1	10/4/2010	13:15
S-AB1-0607			AB-1	10/4/2010	13:20
S-BC1.5-0001			BC-1.5	10/6/2010	8:52
S-BC1.5-0102			BC-1.5	10/6/2010	8:54
S-BC1.5-0203			BC-1.5	10/6/2010	8:56
S-BC1.5-0304			BC-1.5	10/6/2010	9:00
S-BC1.5-0405			BC-1.5	10/6/2010	9:02
S-BC1.5-0405-E			BC-1.5	10/6/2010	9:02
S-BC1-0102			BC-1	10/4/2010	14:03
S-BC1-0203			BC-1	10/4/2010	14:06
S-BC1-0304			BC-1	10/4/2010	14:15
S-BC1-0405			BC-1	10/4/2010	14:17
S-BC1-0506			BC-1	10/4/2010	14:20
S-BC1-0607			BC-1	10/4/2010	14:23
S-BC1-0708			BC-1	10/4/2010	14:27
S-BC2.5-0001			BC-2.5	10/7/2010	10:28
S-BC2.5-0102			BC-2.5	10/7/2010	10:30
S-BC2.5-0203			BC-2.5	10/7/2010	10:32
S-BC2.5-0304			BC-2.5	10/7/2010	10:35
S-BC2.5-0405			BC-2.5	10/7/2010	10:38
S-CD1.5-0001			CD-1.5	10/5/2010	14:27
S-CD1.5-0102			CD-1.5	10/5/2010	14:30
S-CD1.5-0203			CD-1.5	10/5/2010	14:32
S-CD1.5-0304			CD-1.5	10/5/2010	14:45
S-CD1.5-0506			CD-1.5	10/5/2010	14:55
S-CD1-0001			CD-1	10/5/2010	8:12
S-CD1-0102			CD-1	10/5/2010	8:14
S-CD1-0203			CD-1	10/5/2010	8:16
S-CD1-0304			CD-1	10/5/2010	8:20
S-CD1-0405			CD-1	10/5/2010	8:25
S-CD1-0506			CD-1	10/5/2010	8:30
S-CD1-0607			CD-1	10/5/2010	8:32
S-CD1-0708			CD-1	10/5/2010	8:34
S-CD3-0304			CD-3	10/7/2010	9:52

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
S-CD3-0405	Soil	Hold	CD-3	10/7/2010	9:54
S-CD3-0506			CD-3	10/7/2010	9:56
S-CD3-0607			CD-3	10/7/2010	9:58
S-CD3-0708			CD-3	10/7/2010	10:00
S-D4-0001			D-4	10/7/2010	8:52
S-D4-0102			D-4	10/7/2010	8:54
S-D4-0203			D-4	10/7/2010	8:56
S-D4-0304			D-4	10/7/2010	9:00
S-D4-0405			D-4	10/7/2010	9:02
S-D4-0506			D-4	10/7/2010	9:04
S-D4-0607			D-4	10/7/2010	9:06
S-D4-0708			D-4	10/7/2010	9:08
S-DE1-0001			DE-1	10/5/2010	9:25
S-DE1-0102			DE-1	10/5/2010	9:27
S-DE1-0203			DE-1	10/5/2010	9:30
S-DE1-0304			DE-1	10/5/2010	9:35
S-DE1-0405			DE-1	10/5/2010	9:38
S-DE1-0607-E			DE-1	10/5/2010	9:43
S-DE1-0708			DE-1	10/5/2010	9:45
S-DE2-0001			DE-2	10/5/2010	13:22
S-DE2-0001-E			DE-2	10/5/2010	13:32
S-DE2-0102			DE-2	10/5/2010	13:25
S-DE2-0203			DE-2	10/5/2010	13:28
S-DE2-0304			DE-2	10/5/2010	12:33
S-DE2-0405			DE-2	10/5/2010	12:35
S-EF2.5-0001			EF-2.5	10/5/2010	12:27
S-EF2.5-0102			EF-2.5	10/5/2010	12:30
S-EF2.5-0203			EF-2.5	10/5/2010	12:33
S-EF2.5-0304			EF-2.5	10/5/2010	12:35
S-EF2.5-0405			EF-2.5	10/5/2010	12:38
S-F1-0001			F-1	10/5/2010	10:28
S-F1-0203			F-1	10/5/2010	10:33
S-F1-0304			F-1	10/5/2010	10:35
S-F1-0405			F-1	10/5/2010	10:38
S-MSC1-0102			MSC-01	10/14/2010	10:00
S-MSC1-0203			MSC-01	10/14/2010	10:04
S-MSC1-0304			MSC-01	10/14/2010	10:08
S-MSC1-0405			MSC-01	10/14/2010	10:12
S-MSC1-0506			MSC-01	10/14/2010	10:16
S-MSC1-0607			MSC-01	10/14/2010	10:20
S-MSC1-0708-E			MSC-01	10/14/2010	10:10
S-MSC2-0001			MSC-02	10/14/2010	10:48
S-MSC2-0102			MSC-02	10/14/2010	10:50
S-MSC2-0203			MSC-02	10/14/2010	10:52
S-MSC2-0304			MSC-02	10/14/2010	10:54
S-MSC2-0405			MSC-02	10/14/2010	10:56
S-MSC2-0506			MSC-02	10/14/2010	10:58
S-MSC2-0607			MSC-02	10/14/2010	11:00
S-MSCA1-0102			MSCA-1	10/12/2010	9:47
S-MSCA1-0203			MSCA-1	10/12/2010	9:49

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
S-MSCA1-0304	Soil	Hold	MSCA-1	10/12/2010	9:51
S-MSCA1-0405			MSCA-1	10/12/2010	9:53
S-MSCA1-0506			MSCA-1	10/12/2010	9:55
S-MSCA1-0607			MSCA-1	10/12/2010	9:57
S-MSCA1-0708			MSCA-1	10/12/2010	9:59
S-MSCB1-0203			MSCB-1	10/12/2010	10:12
S-MSCB1-0405			MSCB-1	10/12/2010	10:16
S-MSCB1-0506			MSCB-1	10/12/2010	10:18
S-MSCB1-0607			MSCB-1	10/12/2010	10:20
S-MSCB1-0708			MSCB-1	10/12/2010	10:22
S-MSCB3-0001			MSCB-3	10/14/2010	9:00
S-MSCB3-0102			MSCB-3	10/14/2010	9:02
S-MSCB3-0203			MSCB-3	10/14/2010	9:04
S-MSCB3-0304			MSCB-3	10/14/2010	9:06
S-MSCB4-0001			MSCB-4	10/13/2010	14:38
S-MSCB4-0102			MSCB-4	10/13/2010	14:40
S-MSCB4-0203			MSCB-4	10/13/2010	14:42
S-MSCC1-0304			MSCC-1	10/12/2010	11:24
S-MSCC4-0001			MSCC-4	10/13/2010	13:54
S-MSCC4-0102			MSCC-4	10/13/2010	13:56
S-MSCC4-0203			MSCC-4	10/13/2010	13:58
S-MSCC4-0304			MSCC-4	10/13/2010	14:00
S-MSCC4-0405			MSCC-4	10/13/2010	14:04
S-MSCC4-0506			MSCC-4	10/13/2010	14:08
S-MSCC5-0203			MSCC-5	10/13/2010	13:32
S-MSCC5-0304			MSCC-5	10/13/2010	13:34
S-MSCC5-0405			MSCC-5	10/13/2010	13:40
S-MSCC5-0607			MSCC-5	10/13/2010	13:44
S-MSCC5-0708			MSCC-5	10/13/2010	13:46
S-MSCD1-0203			MSCD-1	10/12/2010	11:48
S-MSCD1-0304			MSCD-1	10/12/2010	11:50
S-MSCD1-0405			MSCD-1	10/12/2010	11:52
S-MSCD2-0001			MSCD-2	10/13/2010	11:20
S-MSCD2-0102			MSCD-2	10/13/2010	11:22
S-MSCD2-0203			MSCD-2	10/13/2010	11:24
S-MSCD2-0304			MSCD-2	10/13/2010	11:26
S-MSCD3-0001			MSCD-3	10/13/2010	11:40
S-MSCD3-0102			MSCD-3	10/13/2010	11:42
S-MSCD3-0203			MSCD-3	10/13/2010	11:44
S-MSCD3-0304			MSCD-3	10/13/2010	11:46
S-MSCD4-0001			MSCD-4	10/13/2010	11:50
S-MSCD4-0102			MSCD-4	10/13/2010	11:52
S-MSCD4-0203			MSCD-4	10/13/2010	11:54
S-MSCD5-0001			MSCD-5	10/13/2010	13:02
S-MSCD5-0102			MSCD-5	10/13/2010	13:04
S-MSCD5-0203			MSCD-5	10/13/2010	13:06
S-MSCD5-0304			MSCD-5	10/13/2010	13:08
S-MSCD5-0405			MSCD-5	10/13/2010	13:10
S-MSCD5-0708			MSCD-5	10/13/2010	13:24
S-MSCE1-0001			MSCE-1	10/12/2010	13:30

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
S-MSCE1-0102	Soil	Hold	MSCE-1	10/12/2010	13:34
S-MSCE1-0203			MSCE-1	10/12/2010	13:36
S-MSCE2-0001			MSCE-2	10/13/2010	11:00
S-MSCE2-0102			MSCE-2	10/13/2010	11:02
S-MSCE2-0203			MSCE-2	10/13/2010	11:04
S-MSCE2-0304			MSCE-2	10/13/2010	11:06
S-MSCE3-0001			MSCE-3	10/13/2010	10:36
S-MSCE3-0102			MSCE-3	10/13/2010	10:38
S-MSCE3-0203			MSCE-3	10/13/2010	10:40
S-MSCE3-0304			MSCE-3	10/13/2010	10:42
S-MSCE4-0001			MSCE-4	10/13/2010	9:18
S-MSCE4-0102			MSCE-4	10/13/2010	9:20
S-MSCE4-0203			MSCE-4	10/13/2010	9:22
S-MSCE4-0304			MSCE-4	10/13/2010	9:24
S-MSCE4-0405			MSCE-4	10/13/2010	9:26
S-MSCF1-0001			MSCF-1	10/12/2010	14:00
S-MSCF1-0102			MSCF-1	10/12/2010	14:02
S-MSCF1-0203			MSCF-1	10/12/2010	14:05
S-MSCF1-0304			MSCF-1	10/12/2010	14:10
S-MSCF1-0405			MSCF-1	10/12/2010	14:15
S-MSCF1-0506			MSCF-1	10/12/2010	14:20
S-MSCF2-0001			MSCF-2	10/12/2010	14:30
S-MSCF2-0102			MSCF-2	10/12/2010	14:32
S-MSCF2-0203			MSCF-2	10/12/2010	14:34
S-MSCF2-0304			MSCF-2	10/12/2010	14:36
S-MSCF3-0001			MSCF-3	10/12/2010	14:46
S-MSCF3-0102			MSCF-3	10/12/2010	14:50
S-MSCF3-0203			MSCF-3	10/12/2010	14:52
S-MSCF3-0304			MSCF-3	10/12/2010	14:54
S-MSCF4-0001			MSCF-4	10/13/2010	10:18
S-MSCF4-0102			MSCF-4	10/13/2010	10:20
S-MSCF4-0304			MSCF-4	10/13/2010	10:24
S-MSCF4-0506			MSCF-4	10/13/2010	10:30
S-MSCF5-0102			MSCF-5	10/13/2010	9:40
S-MSCF5-0203			MSCF-5	10/13/2010	9:42
S-MSCF5-0405			MSCF-5	10/13/2010	9:50
S-MSCF5-0506			MSCF-5	10/13/2010	9:52
S-PO3-0001			PO-03	10/7/2010	9:55
S-PO3-0102			PO-03	10/7/2010	9:57
S-PO3-0203			PO-03	10/7/2010	10:00
S-PO3-0203-E			PO-03	10/7/2010	10:00
S-PO3-0304			PO-03	10/7/2010	10:02
S-PO3-0405			PO-03	10/7/2010	10:29
S-PO3-0506			PO-03	10/7/2010	10:30
S-PO3-0607			PO-03	10/7/2010	10:35
S-PO3-0708			PO-03	10/7/2010	10:37
S-PO3-0809			PO-03	10/7/2010	10:45
S-PO3-0910-E			PO-03	10/7/2010	10:42
S-ZA1-0001			ZA-1	10/4/2010	10:30
S-ZA1-0102			ZA-1	10/4/2010	10:35

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
S-ZA1-0203	Soil	Hold	ZA-1	10/4/2010	10:40
S-ZA1-0405			ZA-1	10/4/2010	10:50
S-ZA1-0506			ZA-1	10/4/2010	10:55
S-ZA1-0607			ZA-1	10/4/2010	11:00
S-ZA1-0708			ZA-1	10/4/2010	11:05
S-ZA3.5-0001			ZA-3.5	10/6/2010	14:16
S-ZA3.5-0102			ZA-3.5	10/6/2010	14:18
S-ZA3.5-0203			ZA-3.5	10/6/2010	14:20
S-ZA3.5-0304			ZA-3.5	10/6/2010	14:25
S-ZA3.5-0506			ZA-3.5	10/6/2010	14:30
S-ZA3.5-0607			ZA-3.5	10/6/2010	14:32
S-ZA3.5-0708-E			ZA-3.5	10/6/2010	14:35
S-ZA4-0001			ZA-4	10/6/2010	
S-ZA4-0102			ZA-4	10/6/2010	
S-ZA4-0203			ZA-4	10/6/2010	
S-ZA4-0304			ZA-4	10/6/2010	
S-ZA4-0405			ZA-4	10/6/2010	13:08
S-ZA4-0405-E			ZA-4	10/6/2010	13:08
S-ZA4-0506			ZA-4	10/6/2010	13:34
S-ZA4-0708			ZA-4	10/6/2010	13:40

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
Offshore Sediment/Surface Water Samples					
RB-05	Blank	Lead		10/19/2020	13:10
SD-01	Sediment		SW/SD-01	10/19/2010	10:25
SD-01-E			SW/SD-01	10/19/2010	10:25
SD-02			SW/SD-02	10/19/2010	11:55
SD-03			SW/SD-03	10/19/2010	11:30
SD-04			SW/SD-04	10/19/2010	11:05
SW-01	Surface Water		SW/SD-01	10/19/2010	10:20
SW-02			SW/SD-02	10/19/2010	11:50
SW-03			SW/SD-03	10/19/2010	11:25
SW-04			SW/SD-04	10/19/2010	11:00
Groundwater and Onshore Sediment/Surface Water Samples					
GW-MSC1-1010	Ground Water	Lead	MSC-01	10/28/2010	12:13
GW-MSC2-1010			MSC-02	10/28/2010	11:25
GW-PO1-1010			PO-01	10/28/2010	10:20
GW-PO2-1010			PO-02	10/28/2010	9:28
GW-PO2-1010-E			PO-02	10/28/2010	9:28
RB-06	Blank			10/28/2010	13:00
RB-07				10/28/2010	13:10
SD-05	Sediment		SW/SD-05	10/28/2010	8:50
SD-05-E			SW/SD-05	10/28/2010	8:55
SD-06			SW/SD-06	10/28/2010	11:05
SW-05	Surface Water		SW/SD-05	10/28/2010	8:35
SW-05-E			SW/SD-05	10/28/2010	8:40
SW-06			SW/SD-06	10/28/2010	11:00

Table 1: Samples and Target Parameters.
Jewett White Lead Company Site
Staten Island, Bethpage, Richmond County, New York.
October 2010

WESTON Sample ID	Matrix	Target Parameters	Location	Date	Time
Particulate Samples					
D1-1004	Air	Lead	D1	10/4/2010	7 hours
D2-1004			D2		
U-1004			U		
Sampler-1004			Sampler		
Operator-1004			Operator		
D1-1005			D1	10/5/2010	8 hours
D2-1005			D2		
U-1005			U		
S-1005			Sampler		
O-1005			Operator		
D1-1006			D1	10/6/2010	8 hours
D2-1006			D2		
U-1006			U		
S-1006			Sampler		
O-1006			Operator		
D1-1007			D1	10/7/2010	8 hours
D2-1007			D2		
U-1007			U		
S-1007			Sampler		
O-1007			Operator		
D1-1008			D1	10/8/2010	8 hours
D2-1008			D2		
U-1008			U		
S-1008			Sampler		
O-1008			Operator		
D1-1012			D1	10/12/2010	8 hours
D2-1012			D2		
U-1012			U		
S-1012			Sampler		
O-1012			Operator		
D1-1013			D1	10/13/2010	8 hours
D2-1013			D2		
U-1013			U		
S-1013			Sampler		
O-1013			Operator		
D1-1014			D1	10/14/2010	8 hours
D2-1014			D2		
U-1014			U		
S-1014			Sampler		
O-1014			Operator		

LOW-FLOW GROUNDWATER SAMPLING FIELD SHEET

Location (Site/Facility Name): Jewett White Lead Company
Well Number MSC-2 Date 10/28/2010
Field Personnel J. Schmidl
Initial Depth to Water (FT BMP) 7.91 TD = 11.25

Sampling Organization WESTON
Identify MP inner-casing
Purging Device; (pump type) Peristaltic
Pump/Tubing intake (FT BGS) 6

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp (C) (3%)	Specific Conduc.[2] (uS/cm[c]) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
11:10	7.91		200	1							
11:15	8.20		100	1.2	20.20	1.027	6.99	60.5	0.90	0.8	One well volume
11:20	8.42		100	1.4	20.04	1.022	6.98	24.2	0.93	0.0	
11:25	8.66		1	1.6	19.89	1.007	6.99	1.2	0.98	-0.5	Sample collected
											Final drawdown 8.93
											Final Alkalinity (mg/L):

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C

LOW-FLOW GROUNDWATER SAMPLING FIELD SHEET

Location (Site/Facility Name): Jewett White Lead Company
Well Number MSC-TB (61) Date 10/28/2010
Field Personnel J. Schmidt
Initial Depth to Water (FT BMP) 3.11 TD= 6.50

Sampling Organization WESTON
Identify MP inner casing
Purging Device; (pump type) Peristaltic
Pump/Tubing Intake (FT BGS) 6 ft BTK

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp (C) (3%)	Specific Conduc.[2] (uS/cm°) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1153	3.11		500	4							
1158	3.11		200	5	18.61	27.58	6.84	-314.1	1.46	4.6	one well volume
1203	3.11			6	18.16	27.06	6.83	-334.7	1.15	-0.8	
1208	3.11			7	17.99	27.08	6.82	-344.2	-2.08	-2.4	2 well volumes
1213	3.11			8	17.96	27.21	6.81	-349.2	-19.2	-2.9	collect sample w/ bailer
1218											
											Maximum drawdown 3.11 ft = none
											Final Alkalinity (mg/L):

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C

LOW-FLOW GROUNDWATER SAMPLING FIELD SHEET

Location (Site/Facility Name): Jewett White Lead Company
Well Number PO-2 Date 10/28/2010
Field Personnel J. Schmidt
Initial Depth to Water (FT BMP) 9.61 TD 16.50 ft

Sampling Organization WESTON
Identify MP inner casing
Purging Device; (pump type) Peristaltic
Pump/Tubing Intake (FT BGS) 15

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (Liters)	Temp (C) (3%)	Specific Conduc.[2] (uS/cm[c]) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
0900	9.61	n/a	500	1.5							
0903	9.87			3	17.82	0.739	6.75	65.0	6.43	10.2	
0908	10.05			4.5	17.66	0.733	6.66	74.5	3.87	10.6	
0913	10.21		100	4.6	17.60	0.726	6.70	80.1	4.60	2.0	
0918	10.30			4.7	17.59	0.717	6.74	86.2	4.29	5.4	
0923	10.82			4.8	17.58	0.716	6.74	90.3	3.89	0.1	
0928	10.98			4.9	17.53	0.723	6.74	92.3	3.69	13.5	one well volume purged sample collected.
											Final groundwater 11.95 ft
											Final Alkalinity (mg/L)

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C

LOW-FLOW GROUNDWATER SAMPLING FIELD SHEET

Location (Site/Facility Name): Jewett White Lead Company
Well Number PO-1 Date 10/28/2010
Field Personnel J. Schmidt
Initial Depth to Water (FT BMP) 11.75 TD 15.92

Sampling Organization WESTON
Identify MP
Purging Device; (pump type) Peristaltic
Pump/Tubing intake (FT BGS) 15 ft

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp (C) (3%)	Specific Conduc.[2] (uS/cm°) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
0955	11.75		500	1.5							
1000	11.90		100	2	17.82	1.348	6.56	-44.0	2.63	32.3	
1005	12.09			2.2	17.49	1.346	6.56	-48.2	1.57	25.2	
1010	12.22			2.4	17.38	1.374	6.62	-52.7	1.35	29.2	
1015	12.31			2.6	17.40	1.375	6.60	-54.3	1.36	38.9	one well volume
1020	12.43			2.8	17.53	1.369	6.60	-58.0	1.31	-1.7	sample collected
											ORP failed
											Max drawdown 12.62 ft
											Final Alkalinity (mg/L):

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C

LOW-FLOW GROUNDWATER SAMPLING FIELD SHEET

Location (Site/Facility Name): Jewett White Lead Company
Well Number PO-3 Date 10/28/2010
Field Personnel J. Schmidt
Initial Depth to Water (FT BMP) dry TD 12.2 ft

Sampling Organization WESTON
Identify MP
Purging Device; (pump type) Peristaltic
Pump/Tubing intake (FT BGS)

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (Liters)	Temp (C) (3%)	Specific Conduc.[2] (uS/cm[c]) [3%]	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
											Final Alkalinity (mg/L):

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCC-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/12/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt & concrete	NOT collected due TO	Asphalt & Concrete.
2		Asphalt & concrete. light grey, dry silty sand and little pebbles.	0.0 ppm	ND ND ND
3		light grey dry silty sand and small pebbles. dark, moist sandy silt, little pebbles some light brown to orange brown sand.	0.0ppm	3,522 ppm 3,533 ppm 3,465 ppm
4			0.0ppm	19,598 ppm 20,268 ppm 15,439 ppm
5		Saturated, Red-brown sand, Some grey sand, and some black sand; Trace mica.	NOT SAMPLED DUE TO SATURATION	
6		~~Saturated~~ S.A.A.		
7		Saturated peat Gray saturated sand.		
8		WOOD mostly; some fine dark grey-brown sand.		
9				
10				
11				
12				
13				

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCF-2
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/12/10		Ground Elevation: —	
Drilling Contractor: SET		Fill Thickness: —	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~4'	
Logged by: A. Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt/Rock brown, moist, medium grain sand some gravel (coarse)		289 ppm 266 ppm 306 ppm
2		white dry sand and quartz.		97 ppm 94 ppm 112 ppm
3		fine to medium dark brown silty sand, some brick, some silty grey clay.		12,810 ppm 12,514 ppm 12,475 ppm
4		light brown white moist sand wet brown green, grey silty sand		37,497 ppm 34,283 ppm 33,656 ppm
5		SATURATED		
6				
7				
8				
9				
10				
11				
12				
13				

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCF-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/12/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~6'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Dry-moist, grey brown medium grain sand, some ~~little~~ small pebbles	0.0 ppm	701 ppm 653 ppm 692 ppm
2		reddish-brown sandy clay; some fine yellow sand, some brick chunks and pebbles.	0.0 ppm	221 ppm 263 ppm 231 ppm
3		S.A.A.; WET	0.0 ppm	137 ppm 137 ppm 150 ppm
4		Wet light brown silty-clay wet black silt.	0.0 ppm	2371 ppm 3281 ppm 2232 ppm
5		brown, grey, ~~[illegible]~~ Red moist sand	0.0 ppm	3492 ppm 3392 ppm 3468 ppm
6		Dark black brown silty peat (heavy petroleum odor)	0.0 ppm	7411 ppm 7460 ppm 7224 ppm
7 8		SATURATION		
9 10 11 12 13				

WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCE-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 4'	
Date(s) Drilled: 10/12/10		Ground Elevation: –	
Drilling Contractor: SET		Fill Thickness: –	
Drill Rig: ~~[illegible]~~ Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~3'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt moist light brown sand mixed with dark medium sand and brick	0.0 ppm	8104 ppm 3354 ppm 3281 ppm
2		Dry, medium silty sand, dark brown, some brick, some gravel.	0.0 ppm	5711 ppm 5914 ppm 5758 ppm
3		Wet dark brown medium sandy silt. ~~Dark~~ Wet Dark brown silt mixed with lots of woody debris layer of pine wood.	0.0 ppm	
4		SATURATED Wet, brown clay silt, with brick		
5		Saturation		
6				
7				
8				
9				
10				
11				
12				
13				

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCF-3
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 81	
Date(s) Drilled: 10/12/10		Ground Elevation: —	
Drilling Contractor: SET		Fill Thickness: —	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~ 41	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt Olive-brown fine silty sand and coarse gravel.	0.0 ppm	142 ppm 104 ppm 108 ppm
2		Olive brown fine silty sand and black fine silt; some coal	0.0 ppm	2234 ppm 2274 ppm 2236 ppm
3		light brown to orange brown and olive-brown silty sand. Some coal and black fine silty sand.	0.0 ppm	290 ppm 258 ppm 263 ppm
4		S.A.A.; moist	0.0 ppm	408 ppm 410 ppm 382 ppm
5		SATURATED		
6				
7				
8				
9				
10				
11				
12				
13				

WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCB-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/12/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: ~~Darwin Reid~~ GEOPROBE 6610		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: 8'	
Logged by: Anthony Damah			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Concrete & Asphalt.		Not sampled due to concrete.
			0.0 ppm	284 ppm 799 ppm ~~843 ppm~~
2		dry, grey, sand.		
3		moist, dark brownblack silt, some orange-grey sand, some quartz, and light brown sand.	0.0 ppm	705 ppm 1,069 ppm 2,440 ppm
4		fine black, wet silt, some brick.	0.0 ppm	19,190 ppm 3,739 ppm 2,925 ppm
5		moist grey, silt sand some pebbles moist-wet dark brown peat	0.0 ppm	12,286 ppm 12,258 ppm 9,891 ppm
6		moist-wet dark brown peat some brick	0.0 ppm	13,094 ppm 10,974 ppm 14,104 ppm
7		Brown, wet silty peat.	0.0 ppm	9068 ppm 8873 ppm 9000 ppm
8		wet brown silty peat.	0.0 ppm	8,803 ppm 11,884 ppm 9110 ppm
9				
10				
11				
12				
13				

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCA-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8 ft.	
Date(s) Drilled: 10/12/10		Ground Elevation: ~~[illegible]~~ N/A.	
Drilling Contractor: SET		Fill Thickness: N/A.	
Drill Rig: GEOPROBE 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reil		Depth to Groundwater: 8'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt & Concrete		NOT Sampled due to concrete
2		Asphalt & concrete grey silty sand and coarse gravel.	0.0 ppm	19 ppm ~~26 ppm~~ 18 ppm
3		brown, moist, silty sand and small pebbles	0.0 ppm	1546 ppm 2612 ppm 2327 ppm
4		black moist silty sand.	0.0 ppm	15,003 ppm 2,750 ppm 3,110 ppm
5		medium grey-brown moist ~~silty~~ ~~Sandy~~ Sandy silt.	0.0 ppm	8698 ppm 19,359 ppm 15,518 ppm
6		fine dark brown-black moist sandy silt.	1.7 ppm	1866 ppm 26,373 ppm 23,531 ppm
		redish brown organic layer		8691 ppm
7		fine dark-brown-black moist silt	8.5 ppm	5085 ppm 6960 ppm
8		wet gravely/shell deposit, silty sand.	0.3 ppm	5877 ppm 13,479 ppm 2509 ppm
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCD-1
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/12/10		Ground Elevation: —	
Drilling Contractor: SET		Fill Thickness: —	
Drill Rig: GEOPROBE 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt & CONCRETE		
2		Asphalt & concrete grey, dry, Sand and coarse gravel	0.7 ppm	51 ppm 45 ppm 48 ppm
3		Brown - black wet silty Clay, little gravel.	7.9 ppm	57, 385 ppm 55, 258 ppm 55, 275 ppm
4		orange silty sandy wet.	2.3 ppm	11, 247 ppm 11, 101 ppm 10, 985 ppm
5		dark brown very wet sand and shells wet dark brown black peat.	17.2 ppm	6,908 ppm 6883 ppm 6954 ppm
6		SATURATED		
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCC-5
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: > 8'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt		
2		Dry light gray sand.	0.0 ppm	214 ppm 200 ppm 209 ppm
3		brick, dry brown, grey silty sand.	0.0 ppm	1,938 ppm 1,837 ppm 1,854 ppm
4		dry orange and white sand, some silt.	0.0 ppm	3,583 ppm 3,611 ppm 3,736 ppm
5		BRICK orange & white sand	~~NO SAMPLE~~ 0.0 ppm	1,681 ppm ~~ASS. BRICK~~ 1,749 ppm 1,678 ppm
6		Brick and red sand. some silt.	0.0 ppm	264 ppm 272 ppm 281 ppm
7		Black sand silt, moist. Trace mica, some coal.	0.0 ppm	417 ppm 434 ppm 441 ppm
8		Yellow-brown moist sandy clay Some shells.	0.0 ppm	415 ppm 437 ppm 455 ppm
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCB-4
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth:	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: GeoProbe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater:	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		loose brown sand, some gravel	0.4 PPM	564 PPM 541 PPM 505 PPM
2		dry white sand, some silt	1.9 PPM	389 PPM 366 PPM 356 PPM
3		wet silty sand, some mica, little clay	0.8 PPM	13,250 PPM 12,648 PPM 12,921 PPM
4		↓ Saturated Clay ↓		
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSC-4
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~6'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt Dry light grey sand some silt + Quartz.	0.0 PPM	197 ppm 174 ppm 197 ppm
2		White-grey, dry sand. Some black medium grain silt some brick	0.0 PPM	2,027 ppm 1,994 ppm 2,059 ppm
3		moist brown sand. little pebbles black moist silt	0.0 PPM	32,158 31,344 31,594
4		White sand and quartz moist brown silty ~~clay~~ sand, some clay.	0.0 PPM	25,752 ppm 27,066 ppm 28,425 ppm
5		black, white silty sand. orange silty clay	0.0 PPM	159 ppm 165 ppm 161 ppm
6		Brown silty clay	0.0 PPM	ND ND 20 ppm
7		WATER TABLE SATURATED		
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCD-5
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: GeoProbe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: > 8'	
Logged by: Anthony, Daniel			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt light brown, grey, black silty sand, some pebbles, dry.	0.0 ppm	1651 ppm 1740 ppm 1719 ppm
2		Pink, red, dry clay and brick banding of black dry silt.	0.0 ppm	18,297 ppm 17,923 ppm 17,807 ppm
3		dry to moist brown coarse sand red sandy silt.	0.0 ppm	8628 ppm 17923 ppm 17807 ppm
4		moist, light brown, white, black silty sand, some glass, some brick.	0.2 ppm	~~8428 ppm~~ ~~8858 ppm~~ ~~8871 ppm~~
5		orange, dry, coarse sandstone.	0.0 ppm	6646 ppm 6743 ppm 6902 ppm
6		Rock	NO SAMPLE	
7		Dry black and brown silty sand. Trace mica	0.0 ppm	14,352 ppm 23,028 ppm 23,272 ppm
8		moist to wet brown silty sand, some clay.	0.0 ppm	11650 ppm 11,289 ppm 11,618 ppm
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23202
23003
23251

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCC-3
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt	*NOT SAMPLED*	
2	Roughly 20% recovery	greenish brown-gray silty sand	0.1 PPM	10,227 ppm 10,206 ppm 10,060 ppm
3		SAA.	Not Sampled. *NOT SAMPLED*	
4		SAA. Brick and pink color. dry.	Not Sampled	
5		SATURATED		
6	*Due to lack of volume recovery only interval ~~sampled was~~ collected for sample was 01 – 02 ft.			
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCD-4
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: 4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		ASPHALT light brown dry sand, some silt some gravel.	0.0 PPM	197 PPM 174 PPM 147 PPM
2		moist grey-black silt and brick	0.0 PPM	2,027 PPM 1994 PPM 2,059 PPM
3		dry, grey sand, some wet black silt	0.0 PPM	32,158 PPM 31,344 PPM 31,594 PPM
4		dense, wet black-brown silty peat some sand.	0.0 PPM	25,752 PPM 27,066 PPM 25,425 PPM
5		SATURATION		
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID:
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology MSCD-3	
Client: EPA		Total Boring Depth:	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater:	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		~~Moist gray~~ b Asphalt ~~moist to wet~~ moist to wet gray silt little sand, some gravel	0.0 PPM	29,540 PPM 29,387 PPM 29,459 PPM
2		Wet, fine to medium brown-black silt, some glass, little pebbles.	0.0 PPM	14,773 PPM 15,086 PPM 15,224 PPM
3		Wet, brown sandy silt	0.0 PPM	11,510 PPM 11,404 PPM 11,548 PPM
4		Wet brown silty clay.	0.0 PPM	1,020 PPM 1,061 PPM 1,018 PPM
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCD-2
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: 4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		ASPHALT grey-brown dry silty sand some clay. some coarse gravel	4.2 PPM	255 PPM 263 PPM 262 PPM
2		dry-moist dark brown sandy silt, little brick, little pebbles,	17.9 PPM	20,613 PPM 20,693 PPM 20,813 PPM
3		moist dark brown to black silt. Some moist brown sand and woody debris	0.2 PPM	7,451 PPM 7,438 PPM 7,414 PPM
4		black wet silt, orange sand, red and brown sandy clay,	0.0 PPM	10,558 PPM 10,421 PPM 10,492 PPM
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCE-2
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 4'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: 4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		ASPHALT brown dry, medium grain sand some gravel, little pebbles, little brick	0.0 ppm	214 ppm 245 ppm 228 ppm
2		dry, medium brown sand, some silt, little gravel, layers brown-grey silty sand.	1.5 ppm	2,435 ppm 2,460 ppm 2,482 ppm
3		brown black moist silty and coal and loose coarse pebbles.	0.4 ppm	1,738 ppm 2,205 ppm 2,282 ppm
4		white moist sand wet brown clay-sand, some silt, some small pebbles	3.2 ppm	3,937 ppm 3,769 ppm 3,881 ppm
5		SATURATED		
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCE-3
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~4-5'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		brown loose sand, ~~some~~ little grey silt some brown and red silty sand little clay. And gravel	0.0 ppm	380 ppm 345 ppm 403 ppm
2		dark brown black silt; some sand little yellow sand, some pink rock	0.1 ppm	8,103 ppm 7,910 ppm 8,075 ppm
3		light grey and black sand some silt, and black silt and coal some brick little pebbles moist	0.0 ppm	686 ppm 708 ppm 678 ppm
4		S. A. A.	0.0 ppm	7,105 ppm 7,008 ppm 7,176 ppm
5		↓ SATURATION ↓		
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WESTON SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCF - 4
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 66 10 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~6'	
Logged by: Anthony Daniels.			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		~~grass~~ brown, silty sand and organic matter dry - grey, silty sand	0.0 ppm	1,863 ppm 1,742 ppm 1,788 ppm
2		brown black silt, moist. orange-brown silty sand, some brick.	0.0 ppm	28,958 ppm 29,965 ppm 29,470 ppm
3		BRICK	NO SAMPLE ALL BRICK	
4		grey brown silty clay some sand. moist - wet. little pebbles	0.0 ppm	79,940 ppm 75,766 ppm 75,192 ppm
5		brown and grey wet silty sand little pebbles, little brick Some grey-brown clay	0.0 ppm	>10% >10% >10%
6		S.A.A	0.0 ppm	86,401 ppm 87,108 ppm 85,731 ppm
7 8		SATURATED		
9 10 11 12 13				

WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCE-4
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8	
Date(s) Drilled: 10/13/10		Ground Elevation: —	
Drilling Contractor: SET		Fill Thickness: —	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~5'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt Gray-brown dry sand, some silt, little pebbles Dry, dark brown silt, some light grey sand, little brick	0.0 ppm	9,559 ppm 9,650 ppm 9,308 ppm
2		Orange-yellow light brown sand, little silt, some pebbles.	0.0 ppm	8,587 ppm 8,405 ppm 8,666 ppm
3		Rock light grey, black silty sand, some coal, Red silty sand	0.0 ppm	192 ppm 209 ppm 196 ppm
4		grey and black silt, some coal layer of light grey, lease sand some pebbles.	0.0 ppm	135 ppm 116 ppm 122 ppm
5		moist grey, yellow, brown silty sand, some pebbles.	0.0 ppm	2,405 ppm 2,403 ppm 2,511 ppm
6		SATURATION		
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCF-5
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 6'	
Date(s) Drilled: 10/13/10		Ground Elevation:	
Drilling Contractor: SET		Fill-Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: N/A	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt	~~0.0~~	6,266 ppm 6,437 ppm 6,317 ppm
2		loose, dry, light grey sand, some silt, little pebbles.	0.0 ppm	3,104 ppm 3,055 ppm 3,039 ppm
3		dark brown silty sand some pebbles little brick.	0.0 ppm	1,913 ppm 1,815 ppm 1,831 ppm
4		brown silty sand, some light grey sand and stone.	0.0 ppm	263 ppm 253 ppm 249 ppm
5		light brown and white sand, some pebbles, some brick, some brown sand, dry to moist	0.0 ppm	98 ppm 102 ppm 90 ppm
6		light brown silty sand, little brown clay, some brick.	0.0 ppm	
7		Refusal.		
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WESTON Solutions	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCB-3
	Project: Jewett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/14/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~ 3.5-4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		light brown sand, little silt, some pebbles and gravel. very fine white silty sand. brown sand. Trace mica BRICK	0.0 PPM	4331 ppm 4264 ppm 4422 ppm
2		fine to medium Red sand and brick rubble	0.0 PPM	300 ppm 289 ppm 302 ppm
3		S.A.A. some wet loose clay	0.0 PPM	230 ppm 256 ppm 231 ppm
4		Brown dense ~~saturated~~ wet to saturated clay.	0.1 PPM	551 ppm 477 ppm 515 ppm
5		SATURATION		
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WESTON	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCB-5
	Project: Jawett White Lead Company	Drilling Method: Direct-Push Technology	
Client: EPA		Total Boring Depth: 4'	
Date(s) Drilled: 10/14/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darrin Reid		Depth to Groundwater: ~3.5-4'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Brown dry silty sand.	0.0 PPM ~~0.0~~	3470 ppm 3562 ppm 3474 ppm
2	20% Recovery	Granite and gravel.	NOT	SAMPLED
3		light brown dry sand, little silt some pebbles.	POOR RECOVERY.	
4		moist to wet silty sand some clay.		
5		SATURATED		
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WELL CONSTRUCTION LOG

WESTON	~~Well Construction Log~~	Sheet 1 of 1	Soil Boring ID: MSC-2
	Project: Jewett White Lead Company	Drilling Method: ~~Direct Push Technology~~ Hollow stem AUGER	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/14/10		Ground Elevation: —	
Drilling Contractor: SET		Fill Thickness: —	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~7.5'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, isobutylene equivalents)	Field XRF Lead (ppm)
1		Gravel and asphalt. ~~Fine black silty sand~~ Fine white sand.	0.0	1057 ppm 993 ppm 1034 ppm
2		fine to medium white silty sand (DRY) little pebbles.	0.0	57 ppm 50 42 ↓
3		moist black brown silty sand	0.0	3436 3430 3610 ppm
4		black silty sand (wet) mixed with brick, grey-brown wet silty sand.	0.0	5277 5506 5282 ppm
5		S.A., some moist to wet brown silty clay.	0.0	5649 5646 5484 ppm
6		Orange-Red-Sand, Brick	0.0	2620 2694 2594 ppm
7		Dense, brown silty clay, (wet) some medium brown silty sand little pebbles.	0.0	44723 43780 45441 ppm
8		saturated brown silty clay.	0.0	
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WELL CONSTRUCTION LOG

WESTON	~~SOIL BORING LOG~~	Sheet 1 of 1	Soil Boring ID: MSC-1
	Project: Jewett White Lead Company	Drilling Method: ~~Direct Push Technology~~ HOLLOW STEM AUGER	
Client: EPA		Total Boring Depth: 8'	
Date(s) Drilled: 10/14/10		Ground Elevation:	
Drilling Contractor: SET		Fill Thickness:	
Drill Rig: Geoprobe 6610 DT		Well Construction: none	
Drill Foreman: Darwin Reid		Depth to Groundwater: ~8'	
Logged by: Anthony Daniels			

Depth (ft bgs)	Graphic Log	Descriptive Log	Headspace Readings (ppm, Isobutylene equivalents)	Field XRF Lead (ppm)
1		Asphalt		
2		light brown dry sand, ~~white sandy~~ ~~light~~ white silty sand.	0.0 PPM	26 ppm ND ND
3		S.A. A.	0.0 PPM	12,208 ppm 12,378 ppm 12,368 ppm
4		moist brown medium to coarse sand, some silt. Brick.	0.0 PPM	568 ppm 570 ppm 551 ppm
5		brown silty sand, moist to wet orange brown silty sand.	0.0 PPM	4610 ppm 4540 ppm 4536 ppm
6		White, black, red, orange, fine silty sand, some mica. (clay). Pocket of saturated light brown clay.	0.0 PPM	112 ppm 109 ppm 126 ppm
7		white, black, red, orange, brown fine silty sand.	0.0 PPM	377 ppm 351 ppm 342 ppm
8		orange silty sand, some fine black and white sand. ~~brown~~ some mica	0.0 PPM	1117 ppm 1183 ppm 1129 ppm
9		BROWN CATURATED CLAY		
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Parameters	SW-01	SW-02	SW-03	SW-04	SW-05	SW-06
Temperature (°C)	15.9	15.9	16	16	18.25	19.85
pH	7.92	7.99	7.99	8.02	6.33	7.62
Specific Conductivity (mS/cm)	32,450	28,007	28,506	28,999	0.312	0.085
Oxidation-Reduction Potential (mV)	108.9	114.4	113.1	113.5	41.7	68.8
Dissolved Oxygen (mg/L)	7.2	7.92	7.39	7.23	4.02	3.27

°C = degrees Celcius
pH = log hydrogen ion concentration
mS/cm =microSiemens/centimeter
mV = millivolts
mg/L = milligrams per liter (parts per million)

WESTON SOLUTIONS

Test Pit: ZA-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/04/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: ~3.5'
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-ZA1-0001	00-01 ft	Brown-Black, fine to medium Silty Sand Some ~~cobble/stone~~ Gravel and brick fill
	S-ZA1-0102	01-02 ft	Yellow brown silty ~~sand~~ clay fine some black silty clay
	S-ZA1-0203	02-03 ft	fine yellow brown silty clay
	S-ZA1-0304	03-04 ft.	fine yellow brown silty sand some clay
	S-ZA1-0405	04-05 ft.	fine yellow brown silty clay, some fine grey silty sand.
	S-ZA1-0506	05-06 ft	fine yellow brown silty clay and fine grey silty sand.
	S-ZA1-0607	06-07 ft.	fine yellow brown silty clay, some fine grey silty sand, and Reddish-brown silty-sand
	S-ZA1-0708	07-08 ft.	fine to medium Redish brown Silty sand some cobbles. little yellow brown fine silty sand.

WESTON SOLUTIONS

Test Pit: ZA-3.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: ~~10/07/10~~ 10/06/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth:
Depth of Fill:
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-ZA3.5-0001	00-01 ft.	light brown medium silty sand and pebbles/gravel dark-brown silty sand and gravel (medium-coarse)
	S-ZA3.5-0102	01-02 ft.	layer of yellow brown fine silty sand. dark brown fine sandy silt; some pebbles
	S-ZA3.5-0203	02-03 ft.	Very fine dark brown-black sandy silt; little pebbles.
	S-ZA3.5-0304	03-04 ft.	dark brown-black organic material and rubble mix, Brick, wood and dark brown silty sand.
	S-ZA3.5-0405	04-05 ft.	dark brown-black organic material (low dens. light wt.) Some light brown fine sand.
	S-ZA3.5-0506	05-06 ft.	very fine grey and light brown silty sand. dry.
	S-ZA3.5-0607	06-07 ft	S.A.A.
	S-ZA3.5-0708	07-08 ft.	S.A.A. and Brick.

WESTON SOLUTIONS

Test Pit: ZA-4

Project Name: Jewett White Lead Co.
Client: EPA
Date: ~~10/07/10~~ 10/06/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8 ft.
Depth of Fill: None.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-ZA4-001	00-01 ft.	Brown silty sand (medium-coarse); Rocks Red sandy clay fine dark brown ~~sandy silt~~ silty sand and gravel
	S-ZA4-0102	01-02 ft.	dark brown silty sand and gravel
	S-ZA4-0203	02-03 ft.	dark brown silty sand and gravel.
	S-ZA4-0304	03-04 ft.	Dark black organic material (low density light weight) (mulch-like) staining.
	S-ZA4-0405	04-05 ft.	Dark black organic material and brown silt (fine); yellow-brown fine silt.
	S-ZA4-0506	05-06 ft.	Very fine grey silty sand and very fine light brown silty sand.
	S-ZA4-0607	06-07 ft.	~~Very~~ fine light brown sand (moist)
	S-ZA4-0708	07-08 ft.	* fine light brown sand (moist)

WESTON SOLUTIONS

Test Pit: A-1.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/08/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back ho
Ground Surf. Elev.:
Total Depth: 5 ft.
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-A1.5-0001	00-01 ft.	Moist, medium grain, dark brown silty sand, and gravel moist medium light brown silty sand.
	S-A1.5-0102	01-02 ft.	moist dark brown medium grain silty sand. layer of coal moist dark brown medium grain silty sand
	S-A1.5-0203	02-03 ft.	S.A.A. medium to fine light brown silty sand, little mica.
	S-A1.5-0304	03-04 ft.	Medium to fine light brown silty sand.
	S-A1.5-0405	04-05 ft.	fine light brown, gray-brown, orange brown silty sand layering
			END OF PIT

WESTON SOLUTIONS

Test Pit: A.2.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/08/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho
Ground Surf. Elev.:
Total Depth: 6 ft.
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-A2.5-0001	00-01 ft.	medium grain, light brown silty sand and gravel fine, yellow-brown silty sand
	S-A2.5-0002	01-02 ft	fine dark brown-black sandy silt layer of coal fine, dark brown-black sandy silt
	S-A2.5-0003	02-03 ft.	fine dark brown-black sandy silt, with some layers of light brown fine silty sand.
	S-A2.5-0004	03-04 ft	fine-medium dark brown moist silty sand and organic material.
	S-A2.5-0405	04-05 ft.	dry, fine light brown sand, little light brown silty-sand; Trace mica.
	S-A2.5-0506	05-06 ft.	dry, fine, yellow brown silty sand.
			END OF PIT

WESTON SOLUTIONS

Test Pit: ~~[illegible]~~ A-5.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: ~~10/07/10~~ 10/06/10
Contractor: SET
Logged By: A. Daniels
Excavation Method:
Ground Surf. Elev.:
Total Depth: 5 ft.
Depth of Fill: unknown.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-A5.5-0001	00-01 ft.	Medium to coarse brown/dark silty sand; some gravel and brick
	S-A5.5-0102	01-02 ft.	brown silty sand and gravel.
	S-A5.5-0203	02-03 ft.	orange-brown, grey, dark-brown fine silty sand banding.
	S-A5.5-0304	03-04 ft.	light brown fine sand; some fine grey silty sand.
	SA5.5-0405	04-05 ft.	very fine grey silty sand; some fine orange-brown silty sand.

WESTON SOLUTIONS

Test Pit: AB-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/04/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: ~4'
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB1-0001	00-01 ft	Medium Brown silty sand with gravel
	S-AB1-0102	01-02	coarse sand with some Red-Brown fine silty-sand bands
	S-AB1-0203	02-03	coarse sand
	S-AB1-0304	03-04	fine red-grey-brown silty sand with some layers of yellow brown and black-brown silty sand
	S-AB1-0405	04-05	Very fine grey brown silty sand.
	S-AB1-0506	05-06	Very fine grey brown silty sand and very fine Red brown silty sand.
	S-AB1-0607	06-07	Very fine reddish-grey silty sand layers of black-brown very fine silty sand
	S-AB1-0708	07-08	Very fine Reddish-yellow-grey silty sand some Reddish fine-medium sand.

WESTON SOLUTIONS

Test Pit: AB-1.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: ~~10/07/10~~ 10/06/10
Contractor: SET
Logged By: A. Danielis
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 5 ft.
Depth of Fill: unk.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB1.5-0001	00-01 ft. ~~00-10~~	Medium-Coarse brown silty sand and Rocks
	S-AB1.5-0102	01-02 ft.	black-brown sandy silt; layering of light brown silty sand
	S-AB1.5-0203	02-03 ft.	S.A.A.
	S-AB1.5-0304	03-04 ft.	~~[illegible]~~ S.A.A. fine light brown silty sand.
	S-AB1.5-0405	04-05 ft.	S.A.A.

WESTON SOLUTIONS

Test Pit: AB - 2.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/08/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho
Ground Surf. Elev.:
Total Depth: 6'
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB2.5-0001	00-01 ft.	Red-brown medium sand, some silty and gravel.
	S-AB2.5-0102	01-02 ft.	dark brown-black medium silty sand, and gravel and brick Rubble. S.A.A; organic woody debris.
	S-AB2.5-0203	02-03 ft.	Medium grain - fine grain black silty sand, Some fine grain light brown silty sand; Woody organic debris and brick Rubble.
	S-AB2.5-0304	03-04 ft.	Moist, medium - fine dark brown-black silty sand; and decomposing woody organic material
	S-AB2.5-0405	04-05 ft.	Medium to fine dark brown-black moist silty sand, mixed with broken ceramic pots and Rubble building debris.
	S-AB2.5-0506	05-06 ft.	fine, dry, light gray silty sand.
	~~S-AB2.5-0607~~	~~06-07 ft.~~	END OF TEST PIT

WESTON SOLUTIONS

Test Pit: AB-3.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/08/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho.
Ground Surf. Elev.:
Total Depth: 5'
Depth of Fill: UNKNOWN
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB3.5-0001	00-01 ft.	Medium to fine grain light brown silty Sand and gravel.
	S-AB3.5-0102	01-02 ft.	fine grain black sandy silt, moist.
	S-AB3.5-0203	02-03 ft.	S.A.A.; some layering of light brown sand. light brown-grey fine silty sand; lots of ROCKS.
	S-AB3.5-0304	03-04 ft.	light brown-grey fine Sand; little silt, Trace mica.
	S-AB3.5-0405	04-05 ft.	Very fine grey silty sand; and fine light brown silty Sand; Trace mica.
			END OF TEST PIT

WESTON SOLUTIONS

Test Pit: AB-4

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/08/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho
Ground Surf. Elev.:
Total Depth: 6'
Depth of Fill: UNKNOWN
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB4-0001	00-01 ft.	fine to medium light brown silty sand; some coarse dark brown silty sand; some ~~ROCKS~~ and gravel; some organic matter.
	S-AB4-0102	01-02 ft.	medium grain dark brown-black silty sand; Some light brown medium-fine silty sand; Coal, gravel, building debris, Rubble.
	S-AB4-0203	02-03 ft.	light brown fine to medium silty sand; Some fine dark-brown-black silty sand.
	S-AB4-0304	03-04 ft.	dark, moist, black medium to fine silt; Some organic matter.
	S-AB4-0405	04-05 ft.	S. A. A.; some light brown silty sand.
	S-AB4-0506	05-06 ft.	fine grain light grey silty-sand. NOTE - HEAVY PETROLEUM ODOR.
			END ~~PIT~~ TEST PIT.

WESTON SOLUTIONS

Test Pit: AB-5.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/07/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back HO
Ground Surf. Elev.:
Total Depth: 5'
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-AB55-0001	00-01 ft.	light brown fine sand, little silty some dark brown-black silty fine sand, some gravel and brick rubble.
	S-AB55-0102	01-02 ft.	Very fine yellow-brown silty sand.
	S-AB55-0203	02-03 ft.	Very fine yellow-brown silty sand, and very fine grey silty sand. DRY.
	S-AB55-0304	03-04 ft	S.A.A.
	S-AB55-0405	04-05 ft.	S.A.A.
			END OF TEST PIT

WESTON SOLUTIONS

Test Pit: BC-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/04/10
Contractor: SET
Logged By: A Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: 3-4'
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-BC1-0001	00-01 ft.	fine to medium Brown-black ~~silty sand~~ silty sand. with brick and gravel
	~~S-BC1-0102~~ S-BC1-0102	01-02 ft.	fine to medium brown black silty sand with bands of yellow brown silty clay
	S-BC1-0203	02-03 ft	fine ~~&~~ yellow-brown silty clay. some fine yellow-brown sand.
	S-BC1-0304	03-04 ft.	fine yellow-brown silty sand; some fine red-brown silty sand; little mica.
	S-BC1-0405	04-05 ft.	fine Redish-brown silty sand; ~~little~~ Trace mica.
	S-BC1-0506	05-06 ft.	Very fine Red-brown silty sand; Trace mica.
	S-BC1-0607	06-07 ft.	Very fine yellow-brown silty sand and very fine red-brown silty sand; Trace mica.
	S-BC1-~~0708~~ 0708	07-08 ft.	fine Red brown silty sand; some very fine yellow brown silty sand; some very fine brown sand; Trace mica

WESTON SOLUTIONS

Test Pit: BC-1.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: ~~10/06/10~~ ~~10/07/10~~ 10/06/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 5 ft.
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-BC1.5-0001	00-01 ft.	Medium to coarse dark brown silty sand; some pebbles and organic debris
	S-BC1.5-0102	01-02 ft.	fine to medium dark brown silty sand, some building debris/rubble (ie: pieces of brick and ceramic pipe)
	S-BC1.5-0203	02-03 ft.	fine to medium dark brown silty sand fine redbrown silty sand, some pebbles. light brown silty sand layers.
	S-BC1.5-0304	03-04 ft.	fine light brown sand, some silt, trace mica.
	S-BC1.5-0405	04-05 ft.	fine Red-brown and orange brown silty sand, some layering of dark brown silty sand.

WESTON SOLUTIONS

Test Pit: BC-2.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10 07 10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 5'
Depth of Fill:
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-BC2.5-0001	00-01 ft.	Medium light-dark brown mix silty sand And concrete, brick rubble debris.
	S-BC2.5-0102	01-02 ft.	medium dark brown silty sand and brick and gravel Rubble.
	S-BC2.5-0203	02-03 ft.	S.A.A. with Ceramic pipe (Teracotta).
	S-BC2.5-0304	03-04 ft	fine, dry, orange-brown silty sand; some grey fine silty sand.
	S-BC2.5-0405	04-05 ft.	S.A.A.
			END OF TEST PIT

WESTON SOLUTIONS

Test Pit: BC-4

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/07/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: unk.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-BC4-0001	00-01 ft.	medium light brown, moist, silty sand; little gravel moist dark brown organic material and gravel.
	S-BC4-0102	01-02 ft.	moist very fine dark brown silty sand, ~~and~~ some gravel light brown silty sand layer dark brown, silty sand and coal/ash
	S-BC4-0203	02-03 ft.	moist fine dark brown silty sand.
	S-BC4-0304	03-04 ft.	black-brown, medium silty sand; and woody building material, ceramic pots and piping,
	S-BC4-0405	04-05 ft.	Black and brown medium grain silty sand; some pieces of broken ceramic material and brick.
	S-BC4-0506	05-06 ft	moist, fine grey-redish-grey silty sand mixed among full brick wall structure.
	S-BC4-0607	06-07 ft.	moist, fine grey sand, some silt, layered with yellow-brown fine silty sand; TRACE mica
	S-BC4-0708	07-08 ft.	S.A.A.

WESTON SOLUTIONS

Test Pit: CD 1.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 6'
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-CD1.5-0001	00-01 ft.	Medium brown silty sand, moist; CONCRETE gravel, brick, brown silty sand
	S-CD1.5-0102	01-02 ft.	dark brown silty sand; some gravel coal and organic debris
	S-CD1.5-0203	02-03 ft.	orange-brown fine silty sand, moist
	S-CD1.5-0304	03-04 ft.	Very fine grey-silty-sand; some charcoal; little brick.
	S-CD1.5-0405	04-05 ft.	Very fine grey sand; some fine yellow-brown, orange brown, Red brown layering. Silty sand, dry.
	S-CD1.5-0506	05-06 ft	very fine yellow brown silty sand, some Red brown silty sand; some grey sand. dry.

WESTON SOLUTIONS

Test Pit: C-4

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/07/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Back Ho
Ground Surf. Elev.:
Total Depth: 6'
Depth of Fill: UNK
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-C4-0001	00-01 ft.	light-dark brown Sand mixed with brick and gravel rubble. (medium grain size)
	S-C4-0102	01-02 ft.	Orange-brown, fine silty Sand mixed with brick dark brown-black fine silty sand; some light brown fine silty SAND.
	S-C4-0203	02-03 ft.	dark brown-black fine silty Sand (lots and lots of broken ceramic pots at this depth)
	S-C4-0304	03-04 ft.	S.A.A.
	S-C4-0405	04-05 ft.	fine, dry, light brown Sand; and fine, dry grey Sand.
	S-C4-0506	05-06 ft	S.A.A.
			END OF TEST PIT

WESTON SOLUTIONS

Test Pit: CD-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: ~3.5'
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-CD1-0001	00-01 ft.	fine to medium orange brown silty Sand; some medium brown-black silty Sand
	S-CD1-0102	01-02 ft.	fine orange-brown silty Sand, some medium-fine brown black sand; Trace mica
	S-CD1-0203	02-03 ft.	fine orange-brown Silty Sand, layering black Silty Sand (fine); Trace mica.
	S-CD1-0304	03-04 ft.	fine orange-brown Silty Sand; layering of black Silty Sand and grey-brown Silty Sand (fine); Trace mica
	S-CD1-0405	04-05 ft.	fine grey-brown Silty Sand; some fine yellow-brown Silty Sand; some orange brown silty Sand.
	S-CD1-0506	05-06 ft.	fine Red-brown Silty Sand; Some fine yellow-brown Sand; little pebbles; Trace mica.
	S-CD1-0607	06-07 ft.	fine Red-Brown Silty-Sand; some pebbles and cobbles; Trace fine yellow brown Silty-Sand.
	S-CD1-0708	07-08 ft.	fine Red-brown Silty Sand; and pebbles.

WESTON SOLUTIONS

Test Pit: CD-3

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/07/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator.
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-CD3-0001	00-01 ft.	Medium-coarse, moist, dark brown silty sand, Organic debris and gravel. ~~Orange-brown and brown fine silty sand~~
	S-CD3-0102	01-02 ft.	Orange-brown fine silty sand with some layering of fine brown silty sand. Dry.
	S-CD3-0203	02-03 ft.	Medium to fine, mix of brown, orange-brown, grey silty sand; Trace mica.
	S-CD3-0304	03-04 ft.	SAA.
	S-CD3-0405	04-05 ft.	Medium to fine, moist, grey silty sand and Red-brown silty sand, some orange silty sand
	S-CD3-0506	05-06 ft.	Medium to fine, moist orange-brown silty sand some medium to fine, moist, grey silty sand.
	S-CD3-0607	06-07 ft.	Medium to fine, moist grey silty sand with layers of medium to fine, moist Red-brown silty sand.
	S-CD3-0708	07-08 ft.	SAA. — with orange, fine silty sand layering.

WESTON SOLUTIONS

Test Pit: D-4

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/07/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 8 ft.
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-D4-0001	00-01 ft.	Medium, brown silty sand; Organic debris, large gravel. — light brown, dry, silty sand
	S-D4-0102	01-02 ft	Orange-brown, silty sand - fine grain Dry Some light brown silty sand DRY - moist.
	S-D4-0203	02-03 ft.	grey-brown fine silty sand, some orange-brown fine silty sand, little black, fine silty sand layers. DRY
	S-D4-0304	03-04 ft.	fine, orange-brown silty sand and grey-brown fine silty sand and light brown fine silty sand DRY
	S-D4-0405	04-05 ft.	S.A.A.; Dry.
	S-D4-0506	05-06 ft.	S.A.A; Dry - moist
	S-D4-0607	06-07 ft.	Moist, fine, orange brown silty sand, some moist, fine, grey silty sand.
	S-D4-0708	07-08 ft.	Dry, fine, light brown - grey silty sand; Some fine orange-brown silty sand.

WESTON SOLUTIONS

Test Pit: DE-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Danills
Excavation Method:
Ground Surf. Elev.:
Total Depth: 8'
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-DE1-0001	00-01' ft.	medium brown-black silty sand; some pebbles; some rubble (brick); ~~some~~ layer of black charcoal at roughly 9" bgs.
	S-DE1-0102	01-02' ft.	fine orange brown silty sand; trace mica
	S-DE1-0203	02-03' ft.	fine orange brown silty sand; some fine yellow-brown silty-sand; trace mica.
	S-DE1-0304	03-04 ft.	very fine red brown silty sand; some very fine yellow-brown silty sand; some ~~grey~~ orange-brown silty-sand; trace mica.
	S-DE1-0405	04-05 ft.	very fine grey-brown (almost a pinx hue) silty sand; some yellow-brown silty sand; trace mica.
	S-DE1-0506	05-06 ft.	very fine light brown silty-sand; some yellow-brown silty sand; trace mica.
	S-DE1-0607	06-07 ft.	very fine yellow-brown silty sand; some red-brown silty sand; some light brown silty sand; trace mica moist.
	S-DE1-0708	07-08 ft.	fine red-brown silty sand; some pebbles; moist.

WESTON SOLUTIONS

Test Pit: DE-2

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 5'
Depth of Fill: Unknown
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-DE2-001	00-01 ft.	fine to medium brown-black Sand; some silt; some pebbles, brick, organic debris.
	S-DE2-0102	01-02 ft.	fine to medium brown silty sand; layers black charcoal fine orange brown silty sand, moist
	S-DE2-0203	02-03 ft.	fine orange brown silty sand, layers of brown-black silty sand, moist.
	S-DE2-0304	03-04 ft.	very fine orange-brown silty sand, dry.
	S-DE2-0405	04-05 ft.	Very fine orange brown sand; little silt, some red brown sand; some yellow-brown sand, little mica.

WESTON SOLUTIONS

Test Pit: EF-2.5

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator.
Ground Surf. Elev.:
Total Depth: 5
Depth of Fill: ~ UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-EF2.5-0001	00-01 ft.	Medium brown - dark brown Silty sand; some organic debris; little pebbles.
	S-EF2.5-0102	01-02 ft.	Very fine orange brown Silty sand; Some very fine brown silty-Sand
	S-EF2.5-0203	02-03 ft.	S.A.A.
	S-EF2.5-0304	03-04 ft.	Very fine orange brown silty sand; And very fine Redbrown silty Sand; some layering very fine grey-brown / light brown silty sand.
	S-EF2.5-0405	04-05 ft.	S.A.A.

WESTON SOLUTIONS

Test Pit: # F-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: 5'
Depth of Fill: ~2'
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-F1-0001	00-01 ft.	medium brown silty sand; some cobbles and organic debris; some charcoal
	S-F1-0102	01-02 ft.	fine to medium light brown sand; some fine yellow-brown silty sand. fine yellow-brown silty sand; layer of charcoal mixed with ceramic pipe; brick, organic debris
	S-F1-0203	02-03 ft.	very fine orange brown silty sand.
	S-F1-0304	03-04 ft.	very fine light brown silty sand; layers of orange-brown; yellow-brown fine silty sand trace mica; ~~[illegible]~~ red-brown fine silt sand.
	S-F1-0405	04-05 ft.	very fine light brown silty sand; layer of orange-brown, red-brown fine silty sand; trace mica.

WESTON	WELL CONSTRUCTION LOG	Sheet 1 of 1	Well ID: PO-3
	Project: Jewett White Lead Company	Drilling Method: Hollow-stem Augers	
Client: EPA		Total Well Depth:	
Date(s) Drilled:		Ground Elevation:	
Drilling Contractor: SET		Overburden Thickness:	
Drill Rig:		Well Construction:	
Drill Foreman:		Static Water Depth:	
Logged by: JULISSA NOTALES		Depth to Groundwater: 7.5	

Depth (ft bgs)	Graphic Log	Features	Descriptive Log	Remarks
1			Reddish-brown med-fine silty-sand (Dry)	50% recovery
2			Reddish brown med-fine-course silty-sand (Dry)	
3			Brownish-black med-fine silty-sand, concrete fragments (Dry)	
4			Reddish-brown black mottled white med-fine silty-sand, concrete fragments (Dry)	
5			Reddish-brown fine silty sand (Moist)	
6			" "	
7			Reddish-brown fine silty-sand 6'-7.5' Moist	
8			7.5-8' (wet)	
9			Brown w/ red brick fragments silty-sand	
10			Reddish-brown fine silty sand	
11				
12				
13				
14				
15				
16				
17				
18				

WESTON	WELL CONSTRUCTION LOG	Sheet 1 of 1	Well ID: PO-2
	Project: Jewett White Lead Company	Drilling Method: Hollow Stem Augers	
Client: EPA		Total Well Depth:	
Date(s) Drilled:		Ground Elevation:	
Drilling Contractor: SET		Overburden Thickness:	
Drill Rig:		Well Construction:	
Drill Foreman:		Static Water Depth:	
Logged by: Julissa Morales		Depth to Groundwater: 6	

Depth (ft bgs)	Graphic Log	Features	Descriptive Log	Remarks
1			Medium-light brown med-fine silty-sand, concrete fragments (Dry)	
2			Dark brown w/white flecks med-fine silty sand, red brick fragments (Dry)	
3			Dark brownish-black fine silty sand trace clay, red brick fragments (Dry)	
4			" "	
5			Dark brownish-gray course to medium silty-sand, concrete fragments (Moist)	
6			Medium-brown med-fine silty-sandy clay (wet)	
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

WESTON	WELL CONSTRUCTION LOG	Sheet 1 of 1	Well ID: PO-2
	Project: Jewett White Lead Company	Drilling Method: Hollow-stem Augers	
Client: EPA		Total Well Depth:	
Date(s) Drilled:		Ground Elevation:	
Drilling Contractor: SET		Overburden Thickness:	
Drill Rig:		Well Construction:	
Drill Foreman:		Static Water Depth:	
Logged by: Julissa Morales		Depth to Groundwater: 6.5	

Depth (ft bgs)	Graphic Log	Features	Descriptive Log	Remarks
1			Dark med brown silt-sand, concrete fragments (Dry)	
2			" "	
3			" " some organic (Dry)	
4				
5			Med-brown fine silty-sandy-clay (moist)	
6			Light brown med-brown silty clay, fine sand (Moist)	
7			" " wet at 6.5'	
8			Light brownish-gray silty-clay, fine sand (wet)	
9			Light grayish-brown silty-clay, fine sand (wet)	
10			↓ " "	
11				
12				
13				
14				
15				
16				
17				
18				

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-ZA1-0001	10/4/2010	10:30	8,592	8,519	4,927	7,346
S-ZA1-0102	10/4/2010	10:35	619	1,232	7,343	3,065
S-ZA1-0203	10/4/2010	10:40	99	45	27	57
S-ZA1-0304	10/4/2010	10:45	nd	nd	nd	nd
S-ZA1-0405	10/4/2010	10:50	nd	nd	32	32
S-ZA1-0506	10/4/2010	10:55	61	117	46	75
S-ZA1-0607	10/4/2010	11:00	nd	nd	26	26
S-ZA1-0708	10/4/2010	11:05	nd	nd	94	94
S-AB1-0001	10/4/2010	12:50	2,383	2,544	3,240	2,722
S-AB1-0102	10/4/2010	12:55	1,274	1,534	837	1,215
S-AB1-0203	10/4/2010	13:00	8,093	11,250	11,273	10,205
S-AB1-0304	10/4/2010	13:05	995	181	354	510
S-AB1-0405	10/4/2010	13:10	86	44	202	111
S-AB1-0506	10/4/2010	13:15	nd	nd	35	35
S-AB1-0607	10/4/2010	13:20	1,653	1,191	1,626	1,490
S-AB1-0708	10/4/2010	13:25	nd	nd	nd	nd
S-BC1-0001	10/4/2010	14:00	3,468	7,139	8,090	6,232
S-BC1-0102	10/4/2010	14:03	7,980	7,322	7,129	7,477
S-BC1-0203	10/4/2010	14:06	4,935	4,853	2,614	4,134
S-BC1-0304	10/4/2010	14:15	113	349	332	265
S-BC1-0405	10/4/2010	14:17	nd	97	35	66
S-BC1-0506	10/4/2010	14:20	847	527	77	484
S-BC1-0607	10/4/2010	14:23	nd	22	nd	22
S-BC1-0708	10/4/2010	14:27	nd	nd	58	58
S-CD1-0001	10/5/2010	8:12	2,598	2,465	5,726	3,596
S-CD1-0102	10/5/2010	8:14	2,202	1,553	3,144	2,300
S-CD1-0203	10/5/2010	8:16	524	768	1,141	811
S-CD1-0304	10/5/2010	8:20	212	278	118	203
S-CD1-0405	10/5/2010	8:25	nd	nd	nd	nd
S-CD1-0506	10/5/2010	8:30	nd	28	53	41
S-CD1-0607	10/5/2010	8:32	24	19	nd	22
S-CD1-0708	10/5/2010	8:34	21	nd	nd	21
S-DE1-0001	10/5/2010	9:25	3,944	7,367	6,544	5,952
S-DE1-0102	10/5/2010	9:27	nd	nd	nd	nd
S-DE1-0203	10/5/2010	9:30	nd	nd	nd	nd
S-DE1-0304	10/5/2010	9:35	nd	nd	nd	nd
S-DE1-0405	10/5/2010	9:38	16	nd	nd	16
S-DE1-0506	10/5/2010	9:40	nd	nd	15	15
S-DE1-0607	10/5/2010	9:43	155	17	76	83
S-DE1-0607-E	10/5/2010	9:43	41	47	44	44
S-DE1-0708	10/5/2010	9:45	51	nd	nd	51

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-F1-0001	10/5/2010	10:28	2,778	2,230	2,437	2,482
S-F1-0102	10/5/2010	10:30	4,276	12,450	10,304	9,010
S-F1-0203	10/5/2010	10:33	45	53	31	43
S-F1-0304	10/5/2010	10:35	nd	nd	nd	nd
S-F1-0405	10/5/2010	10:38	nd	nd	nd	nd
S-EF2.5-0001	10/5/2010	12:27	4,659	2,790	2,782	3,410
S-EF2.5-0102	10/5/2010	12:30	69	164	73	102
S-EF2.5-0203	10/5/2010	12:33	23	25	16	21
S-EF2.5-0304	10/5/2010	12:35	19	nd	nd	19
S-EF2.5-0405	10/5/2010	12:38	120	49	nd	85
S-DE2-0001	10/5/2010	13:22	413	1,116	376	635
S-DE2-0001-E	10/5/2010	13:32	457	485	407	450
S-DE2-0102	10/5/2010	13:25	55	40	38	44
S-DE2-0203	10/5/2010	13:28	31	22	33	29
S-DE2-0304	10/5/2010	12:33	nd	nd	21	21
S-DE2-0405	10/5/2010	12:35	nd	nd	nd	nd
S-CD1.5-0001	10/5/2010	14:27	6,484	9,126	7,450	7,687
S-CD1.5-0102	10/5/2010	14:30	31,785	34,496	34,397	33,559
S-CD1.5-0203	10/5/2010	14:32	33,515	27,944	30,178	30,546
S-CD1.5-0304	10/5/2010	14:45	3,388	374	2,709	2,157
S-CD1.5-0405	10/5/2010	14:47	nd	nd	nd	nd
S-CD1.5-0506	10/5/2010	14:55	nd	nd	nd	nd
S-BC1.5-0001	10/6/2010	8:52	2,778	2,230	2,437	2,482
S-BC1.5-0102	10/6/2010	8:54	4,276	12,450	10,309	9,012
S-BC1.5-0203	10/6/2010	8:56	45	53	31	43
S-BC1.5-0304	10/6/2010	9:00	nd	nd	ND	nd
S-BC1.5-0405	10/6/2010	9:02	nd	nd	nd	nd
S-BC1.5-0405-E	10/6/2010	9:02	536	378	17	310
S-AB1.5-0001	10/6/2010	9:52	31,969	43,466	38,195	37,877
S-AB1.5-0102	10/6/2010	9:54	60,925	56,312	58,401	58,546
S-AB1.5-0203	10/6/2010	9:56	34,935	29,420	34,175	32,843
S-AB1.5-0304	10/6/2010	10:00	396	219	122	246
S-AB1.5-0405	10/6/2010	10:02	122	63	60	82
S-A5.5-0001	10/6/2010		857	1,543	1,082	1,161
S-A5.5-0102	10/6/2010		851	947	1,082	960
S-A5.5-0203	10/6/2010		851	942	935	909
S-A5.5-0304	10/6/2010		nd	19	nd	19
S-A5.5-0405	10/6/2010		nd	18	nd	18
S-ZA4-0001	10/6/2010		4,175	7,487	8,840	6,834

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-ZA4-0102	10/6/2010		22,995	20,331	20,117	21,148
S-ZA4-0203	10/6/2010		37,142	42,713	28,947	36,267
S-ZA4-0304	10/6/2010		58,249	66,161	63,581	62,664
S-ZA4-0405	10/6/2010	13:08	54,868	54,365	51,880	53,704
S-ZA4-0405-E	10/6/2010	13:08	43,966	46,335	47,761	46,021
S-ZA4-0506	10/6/2010	13:34	1,213	582	653	816
S-ZA4-0607	10/6/2010	13:36	27	nd	22	25
S-ZA4-0708	10/6/2010	13:40	nd	25	251	138
S-ZA3.5-0001	10/6/2010	14:16	8,278	7,805	7,772	7,952
S-ZA3.5-0102	10/6/2010	14:18	38,284	37,335	3,788	26,469
S-ZA3.5-0203	10/6/2010	14:20	63,685	61,417	60,670	61,924
S-ZA3.5-0304	10/6/2010	14:25	41,286	39,806	40,382	40,491
S-ZA3.5-0405	10/6/2010	14:28	4,760	48,257	30,923	27,980
S-ZA3.5-0506	10/6/2010	14:30	34	42	34	37
S-ZA3.5-0607	10/6/2010	14:32	48	28	41	39
S-ZA3.5-0708	10/6/2010	14:35	635	631	2,076	1,114
S-D4-0001	10/7/2010	8:52	352	536	558	482
S-D4-0102	10/7/2010	8:54	26	23	22	24
S-D4-0203	10/7/2010	8:56	nd	nd	nd	nd
S-D4-0304	10/7/2010	9:00	16	nd	nd	16
S-D4-0405	10/7/2010	9:02	nd	nd	nd	nd
S-D4-0506	10/7/2010	9:04	nd	nd	nd	nd
S-D4-0607	10/7/2010	9:06	nd	nd	nd	nd
S-D4-0708	10/7/2010	9:08	nd	nd	nd	nd
S-CD3-0001	10/7/2010	9:42	3,109	3,023	2,987	3,040
S-CD3-0102	10/7/2010	9:44	774	754	745	758
S-CD3-0203	10/7/2010	9:46	313	331	312	319
S-CD3-0304	10/7/2010	9:52	nd	nd	nd	nd
S-CD3-0405	10/7/2010	9:54	nd	nd	nd	nd
S-CD3-0506	10/7/2010	9:56	nd	nd	nd	nd
S-CD3-0607	10/7/2010	9:58	nd	nd	nd	nd
S-CD3-0708	10/7/2010	10:00	nd	23	20	22
S-BC2.5-0001	10/7/2010	10:28	3,965	4,023	3,992	3,993
S-BC2.5-0102	10/7/2010	10:30	5,510	5,423	5,580	5,504
S-BC2.5-0203	10/7/2010	10:32	17,037	17,563	16,941	17,180
S-BC2.5-0304	10/7/2010	10:35	nd	17	nd	nd
S-BC2.5-0405	10/7/2010	10:38	85	90	97	91
S-BC4-0001	10/7/2010	11:42	4,847	4,875	5,108	4,943
S-BC4-0102	10/7/2010	11:44	57,071	55,767	57,099	56,646
S-BC4-0203	10/7/2010	11:46	91,271	87,717	91,112	90,033
S-BC4-0203-E	10/7/2010	11:46	88,650	97,219	95,664	93,844

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-BC4-0304	10/7/2010	11:48	70,460	75,205	78,158	74,608
S-BC4-0405	10/7/2010	11:52	9,395	9,500	9,579	9,491
S-BC4-0506	10/7/2010	12:44	3,585	3,650	3,677	3,637
S-BC4-0607	10/7/2010	12:46	21	17	19	19
S-BC4-0708	10/7/2010	12:48	nd	nd	nd	nd
S-C4-0001	10/7/2010	13:22	7,129	12,518	12,043	10,563
S-C4-0102	10/7/2010	13:24	99,196	97,764	93,508	96,823
S-C4-0203	10/7/2010	13:26	95,129	100,000	98,634	97,921
S-C4-0304	10/7/2010	13:30	57,873	58,991	58,938	58,601
S-C4-0405	10/7/2010	13:32	nd	20	17	19
S-C4-0506	10/7/2010	13:35	nd	nd	nd	nd
S-AB5.5-0001	10/7/2010	14:20	698	678	700	692
S-AB5.5-0102	10/7/2010	14:22	58	59	49	55
S-AB5.5-0203	10/7/2010	14:24	17	16	nd	17
S-AB5.5-0304-E	10/7/2010	14:30	35	nd	nd	35
S-AB5.5-0304	10/7/2010	14:26	nd	nd	nd	nd
S-AB5.5-0405	10/7/2010	14:28	nd	nd	nd	nd
S-AB1.5-0001	10/8/2010	7:48	17,679	17,556	17,947	17,727
S-AB1.5-0102	10/8/2010	7:50	50,418	49,414	48,995	49,609
S-AB1.5-0203	10/8/2010	7:52	11,036	11,398	11,385	11,273
S-AB1.5-0304	10/8/2010	7:55	132	128	123	128
S-AB1.5-0405	10/8/2010	7:57	22	nd	nd	22
S-A2.5-0001	10/8/2010	8:33	12,917	20,954	20,540	18,137
S-A2.5-0102	10/8/2010	8:38	56,898	55,983	57,613	56,831
S-A2.5-0203	10/8/2010	8:40	43,747	44,137	44,190	44,025
S-A2.5-0304	10/8/2010	8:42	13,929	14,370	14,057	14,119
S-A2.5-0405	10/8/2010	8:44	100	119	113	111
S-A2.5-0506	10/8/2010	8:46	nd	nd	nd	nd
S-AB4-0001	10/8/2010	9:27	1,644	1,657	2,185	1,829
S-AB4-0102	10/8/2010	9:30	2,185	10,166	10,079	7,477
S-AB4-0203	10/8/2010	9:32	16,789	17,137	16,558	16,828
S-AB4-0304	10/8/2010	9:35	71,694	71,567	70,250	71,170
S-AB4-0405	10/8/2010	9:37	28,072	29,935	29,370	29,126
S-AB4-0506	10/8/2010	9:40	nd	nd	nd	nd
S-AB3.5-0001	10/8/2010	10:10	12,424	12,441	12,777	12,547
S-AB3.5-0102	10/8/2010	10:12	8,096	8,268	5,843	7,402
S-AB3.5-0203	10/8/2010	10:13	23,942	23,479	23,316	23,579
S-AB3.5-0304	10/8/2010	10:20	34,073	34,552	34,433	34,353
S-AB3.5-0405	10/8/2010	10:22	26,373	26,361	26,545	26,426
S-AB3.5-0506	10/8/2010	10:35	nd	nd	nd	nd

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-AB2.5-0001	10/8/2010	11:10	6,798	6,918	6,854	6,857
S-AB2.5-0102	10/8/2010	11:12	55,505	58,214	49,631	54,450
S-AB2.5-0203	10/8/2010	11:14	46,421	46,345	44,688	45,818
S-AB2.5-0304	10/8/2010	11:16	nd	nd	nd	nd
S-AB2.5-0405	10/8/2010	11:18	nd	nd	nd	nd
S-MSCA1-0102	10/12/2010	9:47	19	26	18	21
S-MSCA1-0203	10/12/2010	9:49	1,546	2,611	2,327	2,161
S-MSCA1-0304	10/12/2010	9:51	15,003	2,750	3,110	6,954
S-MSCA1-0405	10/12/2010	9:53	8,698	19,359	15,518	14,525
S-MSCA1-0506	10/12/2010	9:55	1,866	26,373	23,531	17,257
S-MSCA1-0607	10/12/2010	9:57	8,691	5,085	6,960	6,912
S-MSCA1-0708	10/12/2010	9:59	5,877	13,419	2,509	7,268
S-MSCB1-0102	10/12/2010	10:10	284	799	843	642
S-MSCB1-0203	10/12/2010	10:12	705	1,009	2,440	1,385
S-MSCB1-0304	10/12/2010	10:14	19,190	3,739	2,925	8,618
S-MSCB1-0405	10/12/2010	10:16	12,286	12,258	9,891	11,478
S-MSCB1-0506	10/12/2010	10:18	13,094	10,979	14,104	12,726
S-MSCB1-0607	10/12/2010	10:20	9,088	8,873	9,000	8,987
S-MSCB1-0708	10/12/2010	10:22	8,903	11,884	9,110	9,966
S-MSCC1-0102	10/12/2010	11:20	nd	nd	nd	nd
S-MSCC1-0102-E	10/12/2010	11:20	17	nd	nd	17
S-MSCC1-0203	10/12/2010	11:22	3,522	3,533	3,465	3,507
S-MSCC1-0304	10/12/2010	11:24	19,598	20,288	15,439	18,442
S-MSCC1-0405	10/12/2010	11:26	na	na	na	
S-MSCC1-0506	10/12/2010	11:28	na	na	na	
S-MSCC1-0607	10/12/2010	11:30	na	na	na	
S-MSCC1-0708	10/12/2010	11:32	na	na	na	
S-MSCD1-0102	10/12/2010	11:46	51	45	46	47
S-MSCD1-0203	10/12/2010	11:48	57,385	55,258	55,275	55,973
S-MSCD1-0304	10/12/2010	11:50	11,247	11,101	10,985	11,111
S-MSCD1-0405	10/12/2010	11:52	6,908	6,883	6,954	6,915
S-MSCE1-0001	10/12/2010	13:30	8,104	3,354	3,281	4,913
S-MSCE1-0102	10/12/2010	13:34	5,711	5,914	5,758	5,794
S-MSCE1-0203	10/12/2010	13:36	7,727	7,487	7,670	7,628
S-MSCF1-0001	10/12/2010	14:00	701	653	692	682
S-MSCF1-0102	10/12/2010	14:02	221	263	231	238
S-MSCF1-0203	10/12/2010	14:05	137	137	150	141
S-MSCF1-0304	10/12/2010	14:10	2,371	2,281	2,232	2,295
S-MSCF1-0405	10/12/2010	14:15	3,492	3,342	3,468	3,434

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-MSCF1-0506	10/12/2010	14:20	7,411	7,460	7,224	7,365
S-MSCF1-0506-E	10/12/2010	14:20	7,381	6,452	7,310	7,048
S-MSCF2-0001	10/12/2010	14:30	289	266	306	287
S-MSCF2-0102	10/12/2010	14:32	97	94	112	101
S-MSCF2-0203	10/12/2010	14:34	12,680	12,594	12,475	12,583
S-MSCF2-0304	10/12/2010	14:36	37,497	34,283	33,656	35,145
S-MSCF3-0001	10/12/2010	14:46	142	104	108	118
S-MSCF3-0102	10/12/2010	14:50	2,234	2,274	2,236	2,248
S-MSCF3-0203	10/12/2010	14:52	290	258	263	270
S-MSCF3-0304	10/12/2010	14:54	408	410	382	400
S-MSCE4-0001	10/13/2010	9:18	9,559	9,650	9,308	9,506
S-MSCE4-0102	10/13/2010	9:20	8,587	8,405	8,666	8,553
S-MSCE4-0203	10/13/2010	9:22	192	209	196	199
S-MSCE4-0304	10/13/2010	9:24	135	116	122	124
S-MSCE4-0405	10/13/2010	9:26	2,405	2,403	2,511	2,440
S-MSCF5-0102	10/13/2010	9:40	6,266	6,437	6,317	6,340
S-MSCF5-0203	10/13/2010	9:42	3,104	3,055	3,039	3,066
S-MSCF5-0304	10/13/2010	9:46	1,913	1,815	1,831	1,853
S-MSCF5-0405	10/13/2010	9:50	263	253	2,491	1,002
S-MSCF5-0506	10/13/2010	9:52	98	102	90	97
S-MSCF4-0001	10/13/2010	10:20	1,803	1,742	1,788	1,778
S-MSCF4-0102	10/13/2010	10:22	28,958	29,965	29,470	29,464
S-MSCF4-0203	10/13/2010		na	na	na	
S-MSCF4-0304	10/13/2010	10:24	79,940	75,766	75,192	76,966
S-MSCF4-0405	10/13/2010	10:28	100,000	100,000	100,000	100,000
S-MSCF4-0506	10/13/2010	10:30	86,401	87,198	85,731	86,443
S-MSCE3-0001	10/13/2010	10:38	380	345	403	376
S-MSCE3-0102	10/13/2010	10:40	8,103	7,910	8,075	8,029
S-MSCE3-0203	10/13/2010	10:42	686	708	678	691
S-MSCE3-0304	10/13/2010	10:44	7,105	7,008	7,176	7,096
S-MSCE2-0001	10/13/2010	11:00	214	245	228	229
S-MSCE2-0102	10/13/2010	11:02	2,435	2,460	2,482	2,459
S-MSCE2-0203	10/13/2010	11:04	1,738	2,205	2,282	2,075
S-MSCE2-0304	10/13/2010	11:06	3,939	3,767	3,881	3,862
S-MSCD2-0001	10/13/2010	11:20	255	263	262	260
S-MSCD2-0102	10/13/2010	11:22	20,613	20,693	20,813	20,706
S-MSCD2-0203	10/13/2010	11:24	7,431	7,438	7,414	7,428
S-MSCD2-0304	10/13/2010	11:26	10,558	10,421	10,442	10,474

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-MSCD3-0001	10/13/2010	11:40	29,540	29,387	29,459	29,462
S-MSCD3-0102	10/13/2010	11:42	14,773	15,086	15,224	15,028
S-MSCD3-0203	10/13/2010	11:44	11,510	11,404	11,548	11,487
S-MSCD3-0304	10/13/2010	11:46	1,020	1,061	1,018	1,033
S-MSCD4-0001	10/13/2010	11:50	197	174	197	189
S-MSCD4-0102	10/13/2010	11:52	2,027	1,994	2,059	2,027
S-MSCD4-0203	10/13/2010	11:54	32,158	31,344	31,594	31,699
S-MSCD4-0304	10/13/2010	11:56	25,752	27,066	25,425	26,081
S-MSCD5-0001	10/13/2010	13:04	1,651	1,740	1,719	1,703
S-MSCD5-0102	10/13/2010	13:06	18,297	17,923	17,807	18,009
S-MSCD5-0203	10/13/2010	13:08	8,628	8,858	8,871	8,786
S-MSCD5-0304	10/13/2010	13:10	23,202	23,003	23,251	23,152
S-MSCD5-0405	10/13/2010	13:20	6,646	6,743	6,982	6,790
S-MSCD5-0506	10/13/2010		na	na	na	
S-MSCD5-0607	10/13/2010	13:22	14,352	23,028	23,272	20,217
S-MSCD5-0708	10/13/2010	13:24	11,650	11,289	11,618	11,519
S-MSCC5-0102	10/13/2010	13:30	14	200	209	141
S-MSCC5-0203	10/13/2010	13:32	1,938	1,837	1,854	1,876
S-MSCC5-0304	10/13/2010	13:34	3,583	3,611	3,736	3,643
S-MSCC5-0405	10/13/2010	13:40	1,681	1,749	1,678	1,703
S-MSCC5-0506	10/13/2010	13:42	269	272	281	274
S-MSCC5-0607	10/13/2010	13:44	417	434	491	447
S-MSCC5-0708	10/13/2010	13:46	415	437	455	436
S-MSCC3-0102	10/13/2010	14:18	10,227	10,206	10,060	10,164
S-MSCB4-0001	10/13/2010	14:40	564	541	568	558
S-MSCB4-0102	10/13/2010	14:42	369	366	356	364
S-MSCB4-0203	10/13/2010	14:44	13,250	12,698	12,921	12,956
S-MSCC4-0001	10/13/2010	13:54	877	921	931	910
S-MSCC4-0102	10/13/2010	13:56	12,000	10,689	11,908	11,532
S-MSCC4-0203	10/13/2010	13:58	221	272	289	261
S-MSCC4-0304	10/13/2010	14:00	159	50	nd	105
S-MSCC4-0405	10/13/2010	14:04	nd	165	161	163
S-MSCC4-0506	10/13/2010	14:08	269	nd	20	145
S-MSCB3-0001	10/14/2010	9:00	4,331	4,264	4,422	4,339
S-MSCB3-0102	10/14/2010	9:02	300	289	302	297
S-MSCB3-0203	10/14/2010	9:04	230	256	231	239
S-MSCB3-0304	10/14/2010	9:06	551	477	515	514

Field XRF Results

Jewett White Lead Company Site

Sample ID	Date	Time	Results (ppm) 1	2	3	Average
S-MSCB5-0001	10/14/2010	9:16	3,470	3,562	3,474	3,502
S-PO1-0001	10/7/2010	14:20	1,461	398	374	744
S-PO1-0102	10/7/2010	14:22	45,839	60,997	58,104	54,980
S-PO1-0203	10/7/2010	14:25	58,628	54,631	52,788	55,349
S-PO1-0304	10/7/2010	14:27	48,936	46,488	48,357	47,927
S-PO1-0405	10/7/2010	14:27	21,196	21,068	21,176	21,147
S-PO1-0506	10/7/2010	14:45	nd	nd	nd	15
S-PO1-0607	10/7/2010	14:47	nd	nd	nd	15
S-PO2-0001	10/8/2010	15:05	370	793	737	633
S-PO2-0102	10/8/2010	15:07	10,561	10,585	10,385	10,510
S-PO2-0203	10/8/2010	15:10	23,874	30,833	30,020	28,242
S-PO2-0304	10/8/2010	15:12	68,740	69,217	70,273	69,410
S-PO2-0405	10/8/2010	15:15	14,600	14,047	14,725	14,457
S-PO2-0506	10/8/2010	15:17	51	58	56	55
S-PO3-0001	10/7/2010	9:55	210	213	210	211
S-PO3-0102	10/7/2010	9:57	320	312	305	312
S-PO3-0203	10/7/2010	10:00	1,179	1,096	1,119	1,131
S-PO3-0203-E	10/7/2010	10:00	1,292	1,367	1,297	1,319
S-PO3-0304	10/7/2010	10:02	443	460	470	458
S-PO3-0405	10/7/2010	10:29	175	151	161	162
S-PO3-0506	10/7/2010	10:30	55	52	51	53
S-PO3-0607	10/7/2010	10:35	30	37	33	33
S-PO3-0708	10/7/2010	10:37	nd	nd	nd	15
S-PO3-0809	10/7/2010	10:45	357	332	342	344
S-PO3-0910	10/7/2010	10:42	36	29	44	36
S-MSC1-0102	10/14/2010	10:00	26	nd	nd	26
S-MSC1-0203	10/14/2010	10:04	12,203	12,378	12,363	12,315
S-MSC1-0304	10/14/2010	10:08	568	570	551	563
S-MSC1-0405	10/14/2010	10:12	4,610	4,540	4,536	4,562
S-MSC1-0506	10/14/2010	10:16	112	109	126	116
S-MSC1-0607	10/14/2010	10:20	377	351	342	357
S-MSC1-0708	10/14/2010	10:24	1,117	1,133	1,129	1,126
S-MSC2-0001	10/14/2010	10:48	1,057	993	1,034	1,028
S-MSC2-0102	10/14/2010	10:50	57	50	42	50
S-MSC2-0203	10/14/2010	10:52	3,436	6,430	3,610	4,492
S-MSC2-0304	10/14/2010	10:54	5,277	5,506	5,282	5,355
S-MSC2-0405	10/14/2010	10:56	5,649	5,646	5,484	5,593
S-MSC2-0506	10/14/2010	10:58	2,620	2,694	2,594	2,636
S-MSC2-0607	10/14/2010	11:00	44,723	43,780	45,449	44,651
S-MSC2-0708	10/14/2010		na	na	na	

CONTENTS

PAGE	REFERENCE	DATE

Location Port Richmond NY/C Date 10-4-10

Project / Client Jewett White Lead (JWL) / EPA

0700 - WESTON arrived at site to begin subsurface investigation and sampling of JWL site.

Weather - Cloudy, showers ~55°F

Present Onsite:

Joe Schmidt (JS), WESTON

Scott Snyder (SS), "

Joe Rizzo (JR), "

- Driller is Subsurface Environmental Technologies (SET)

Joel Bernstein (JB) SET

- Geophysical Subcontractor is Advanced Geological Services will conduct GPS/mag survey

Ralph Rich (RR), SET

- Pete Miller (PM), Advanced

- also present Anthony Daniels (AD), WESTON.

0715 - JS conducts H&S briefing

- Scope
- Soil sampling from excavator bucket.

DD

Location Port Richmond, NYC Date ~~10-10~~ 10-4-10 (B)

Project / Client JWL / EPA

- Level C, dust monitoring
- 2 days clean - Level D
- JS shows PM 1st locations to clear.

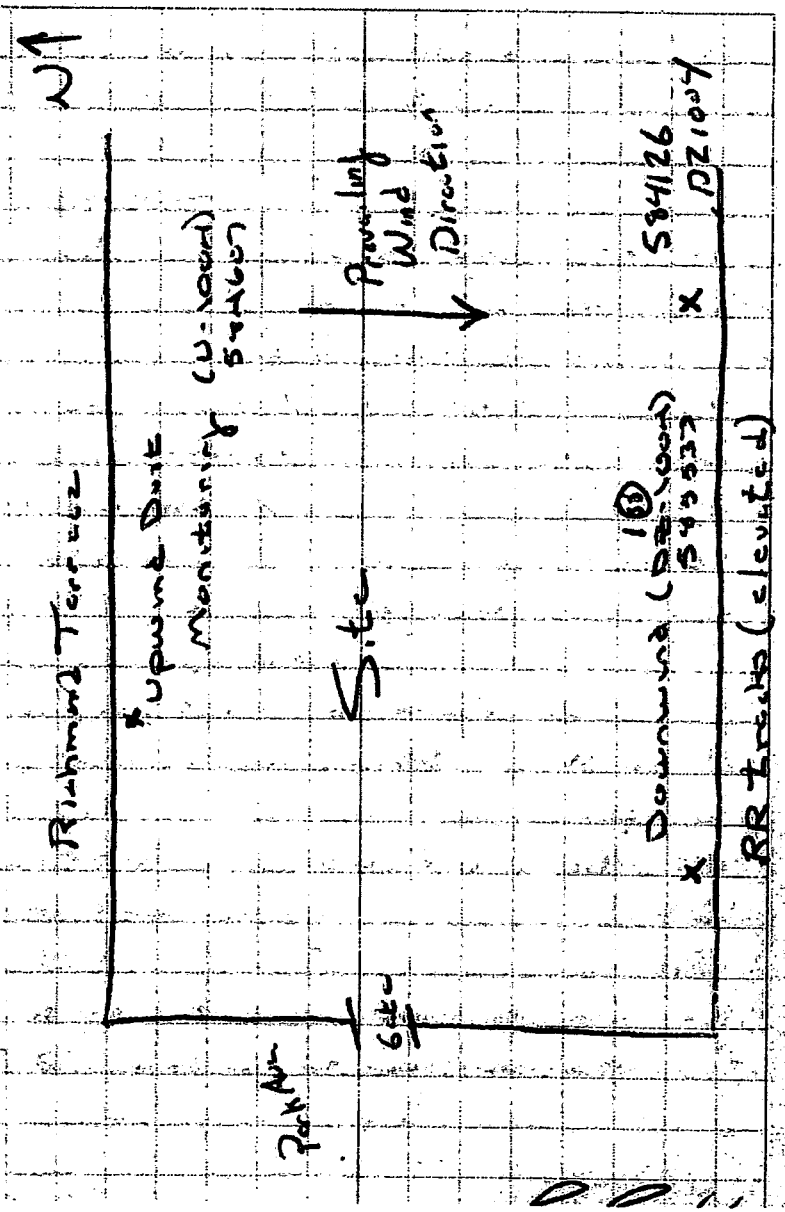
0730 - AD sets up 3KC pumps for perimeter air / dust monitoring Model # 224-PCXR6.
Serial #s 707523, 584127, 565533, 564126, 665161, 584124
- Wind is coming out of the north, therefore, dust monitoring will be set up on the south side of the site.

0800 - JS deploys 3KC pumps / filters for perimeter dust monitoring. The upwind location along north fence and Richmond Terrace. Downwind along south fence below RR tracks

0815 - We discover respirator cartridges are back at the office - we carry 2 further to be brought out to site. In the meantime JR sets up XRF. JS, SS, AD discuss how sampling

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL / EPA



Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

will be conducted. PM continue sub-surface clearance.

JS - Project Manager

SS - Field Coordinator, HSO

JR - XRF analysis

AD - Soil logging.

Kim Stayer (KS), EPA Oversight.

0955 - Andy Gillette (AG) from SET arrives as a second helper. Conduct H/S briefing with AG - have him review and sign HASP.

0950 - Cartridges arrive.

Head onto site.

AD donns Level C PPE

- AD will use SKC pump # 707523 for personal monitoring.

1000 - AG and RR donn Level C PPE

AG will wear SKC pump # 665181

RR " " " " # 584134

- Remaining personnel will remain away from excavation and in Level D.

AD //

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

Photo Log

JWL ~~JSW~~-10-4-1: Excavating Test Pit 2A-1, looking N.

JWL ~~JSW~~-10-4-2: Collecting S-2A1-0001, looking N.

JWL ~~JSW~~-10-4-3: Collecting S-2A1-0006, looking N.

JWL ~~JSS~~-10-4-4: 2A-1, looking west.

JWL-10-4-5: Deploying excavator.

JWL-10-4-6: Excavating AB-1, looking N.

JWL-10-4-7: Collecting soil from AB-1, looking south.

JWL-10-4-8: Collecting soil from excavator bucket [AB-1], looking N.

JWL-10-4-9: AB-1, looking E.

JWL-10-4-10: Excavating @ Test Pit BC-1, looking East.

JWL-10-4-11: Collecting soil from BC-1 south sidewall, looking E

JWL-10-4-12: Collecting soil from bucket [BC-1], looking E.

JWL-10-4-12/13: BC-1, looking E.

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

1015 - Begin excavation Test Pit

ZA-2

- AG, RR layout plastic sheeting
- RR operates excavator
- Excavated soil placed on plastic sheeting

1030 - AD collects soil sample

S-ZA1-0001

- North side wall 0'-1' bgs
- Excavation trends East to West
- Collected with dedicated scoop

1035 - AD collects soil sample

S-ZA1-0102

1040 - AD collects soil sample

S-ZA1-0203

0102 and 0203 also from north side wall.

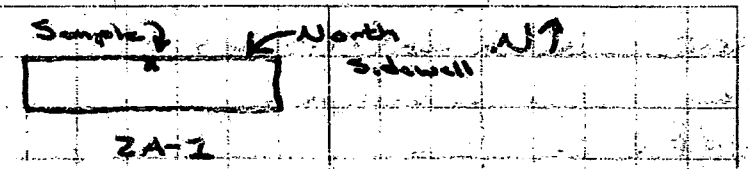
1045 - AD collects soil sample

S-ZA1-0304

- Sample collected from excavator bucket.

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA



1050 - JS instructs SET to attempt to dig to 6'.

- AD collects soil sample

S-ZA1-0405

- Sample collected from excavator bucket using a plastic scoop.
- Note: JS requests that both 2-3 and 3-4 intervals be used to determine lead impact (400 ppm) and to continue to 6 feet.

1055 - AD collects soil sample

S-ZA1-0506

- From bucket, plastic scoop.

1100 - AD collects soil sample

S-ZA1-0607

1105 - AD collects soil sample

S-ZA1-0708

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL / EPA

1110 - SET Dec. fills 2A-1.

All sample relinquished to JR for XRF analysis.

1135 - SET decons excavator using high pressure steam.

1150 - SET breaks for lunch.

JR departs to pick up lunch.

1215 - SET returns to site.

1225 - Head back into site.

JR returns.

- After XRF analysis, samples kept on ice and kept @ 4°C.

1230 - RR positions excavator @ loc.

AB-1

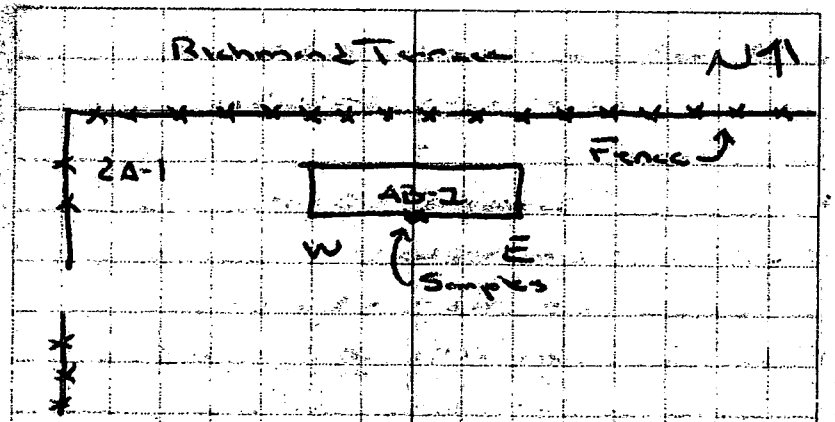
- RR, Dec. lay out plastic sheeting.

1235 - RR begins excavating trench heading east to west.

1240 - Excavator encounters a remnant of a concrete foundation. JS asks RR to expand the trench to the north toward the fence.

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL / EPA



1250 - AD collects soil sample

S-ABi-0001

1255 - AD collects soil sample

S-AB1-0102

1300 - AD collects soil sample

S-AB1-0203

- All three samples collected from south sidewall using dedicated plastic scoops.

1305 - AD collects soil sample

S-AB1-0304

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

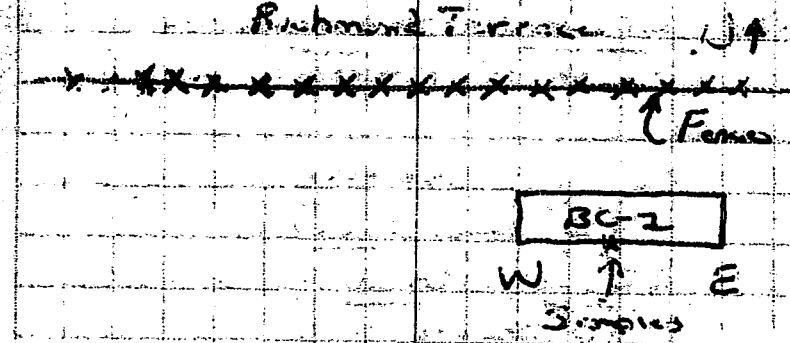
1310 - AD collects soil sample
S-AB1-0405
1315 - AD collects soil sample
S-AB1-0506
1320 - AD collects soil sample
S-AB1-0607
1325 - AD collects soil sample
S-AB1-0708

All five samples collected directly from excavator bucket, using dedicated plastic scoops.
All samples relinquished to JR for XRF analysis. Then preserved and kept @ 4°C.
1330 - RR backfills AB-2.
1340 RR decons bucket using high pressure steam.
1345 - RR moves excavator to Test Pit
BC-1
1355 - Layout plot with stating - begin excavating.

AD

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA



- Test Pit BC-1 trends WESE.
- AD collects samples from south sidewall.

1400 - AD collects soil sample
S-BC2-0001
1403 - AD collects soil sample
S-BC2-0102
1406 - AD collects soil sample
S-BC2-0203

- All 3 samples collected from BC-1 south sidewall.

1415 - AD collects soil sample
S-BC2-0304
1417 - AD collects soil sample
S-BC2-0405

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

13 1420- AD collects soil sample
S-BC1-0506
13
1423- AD collects soil sample
13 S-BC1-0607
1427- AD collects soil sample
13 S-BC1-0708

All five samples collected directly
" from excavator bucket using dedicated
" plastic scoop.
" - Relinquish samples to JR for XRF
" analysis, then put on ice and kept
" @ 4°C.
" 1435- RR backfills BC-1.
13 1445- RR decons excavator with
13 high pressure steam and decon wash.
" 1455- JR relinquishes samples to SS.
13 SS sings/dates two custody seals
and seals cooler containing samples.
13 - AD collects filters from SKC pumps.
JS will ship filters to the lab for
lead analysis.

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

1515- All depart site.
Note: Samples will be kept on
ice and under custody - locked
in van overnight.

End Day

Location Port Richmond, N.Y. Date 10-5-10

Project / Client JWC / EPA

0700 - WESTON and SET arrive at site to continue subsurface investigation.

Note: Custody seals on sample coolers are intact.

Weather - Cloudy, damp, scattered showers ~ 50°F.

Today's Personnel:

Scott Snyder (SS), WESTON - Field Coordinator, HSO.

Anthony Daniels (AD) WESTON - Sampler, Soil Logging.

Joe Rizzo (JR) - XRF operator

Ralph Ruh (RR) - Excavator operator

Andy Gillette (AG) - Helper

0715 - AD setup SKC pumps/filters. Prevailing wind direction is out of the north, therefore, dust monitors will be placed in the same positions as yesterday. AD and AG will also wear the pumps and don Level C PPE.

R. R. 10/5/10

Location Port Richmond, N.Y. Date 10-5-10

Project / Client JWC / EPA

0720 - Kim Stayer, EPA arrives. JR setup XRF.

0725 - Conduct H/S briefing

- Lead
- HASP Location
- Proper PPE
- Awareness of excavator traffic
- Dust monitoring

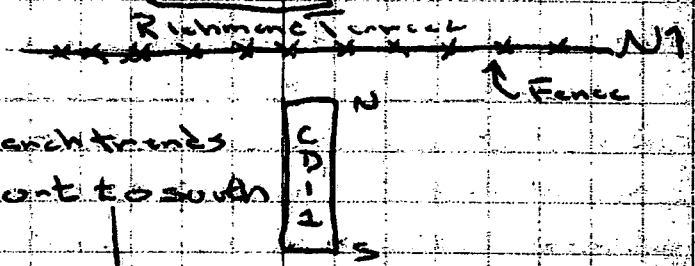
- Dust Monitoring

AD - SKC - 707523 [S-1005]

AG - Note: Jacs okay no pump for either AG or RR due to working away from excavation; therefore, only AD will wear the pump.

0740 - We decided to have RR wear a pump / filter as per HASP

0750 - Begin excavating Test Pit



R. R. 10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

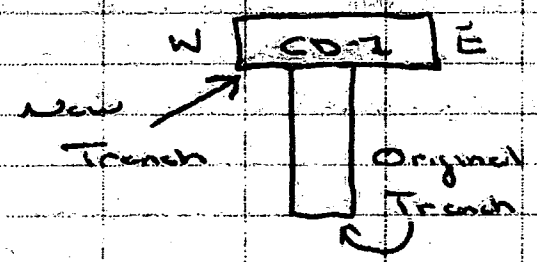
0755- Excavator encounters concrete at approx 25' depth. Cracks out.

We SET to be ready to suppress the dust due to the trench's proximity to the site boundary.

RR state has not likely to get any deeper. We reposition excavator east of original trench and start a new one trending E-W in an attempt to avoid the concrete foundation.

Richmond Terrace

N↑



0805- AG maneuvers support truck and trailer near CD-2 to supply water in case dust suppression is required.

D Pinkins

Location Port Richmond, NYC Date 10-5-5

Project / Client JWL/EPA

Photolog

JWL-10-5-14: Excavating CD-2, looking North.

JWL-10-5-15: Collecting soil from CD-2, looking East.

JWL-10-5-16: XRF station.

JWL-10-5-17: Collecting soil from bucket CD-2, looking NE.

JWL-10-5-18: Decon excavator bucket, looking S.

JWL-10-5-19: Excavator at DE-2, looking NE.

JWL-10-5-20: Collecting soil from DE-2, looking NE.

JWL-10-5-21: Collecting soil from bucket DE-2, looking NE.

JWL-10-5-22: DE-2, looking E.

JWL-10-5-23: Excavating EF-2, looking NE

JWL-10-5-24: Collecting soil from EF-2, looking NE.

JWL-10-5-25: Excavator at EF-2.5, looking SE.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

13 • Advance to 3' depth - no foundation

0810 - AD begins collecting soil

13 samples from south sidewall.

0812 - AD collects soil sample

13 S-CD1-0001

0814 - AD collects soil sample

13 S-CD1-0102

0816 - AD collects soil sample

S-CD1-0203

- All 3 samples collected from

south sidewall of CD-1 using

dedicated plastic scoops

- Relinquish samples to JR for XRF.

- Excavate to 4'

13 0820 - AD collects soil sample

13 S-CD1-0304

0825 - AD collects soil sample

13 S-CD1-0405

0830 - AD collects soil sample

13 S-CD1-0506

R. Prolella

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

0832 - AD collects soil sample

S-CD1-0607

0834 - AD collects soil sample

S-CD1-0708

- All 5 samples collected from

excavator bucket using dedicated

scoops. Relinquish to JR for XRF.

0840 - RR backfills CD-1

- We review XRF results. We

decide to go down to at least

5' depth on the next test pit.

0900 - AG decons excavator bucket

with high pressure steam/alconox

scrub

0910 - RR moves excavator to

Test Pit location DE-1. Due

to piles of debris, the location

will be moved ~ 10' east.

0915 - Begin excavating

0925 - AD begins collecting soil from

south sidewall

R. Prolella 10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

0925 - AD collects soil sample
S-DE1-0001

0927 - AD collects soil sample
S-DE1-0102

0930 - AD collects soil sample
S-DE1-0203

All 3 samples collected from DE-1 south sidewall using dedicated scoops. Relinquish to JR for XRF.

0935 - AD collects soil sample
S-DE1-0304

0937 - AD collects soil sample
S-DE1-0405

0940 - AD collects soil sample
S-DE1-0506

0943 (38)

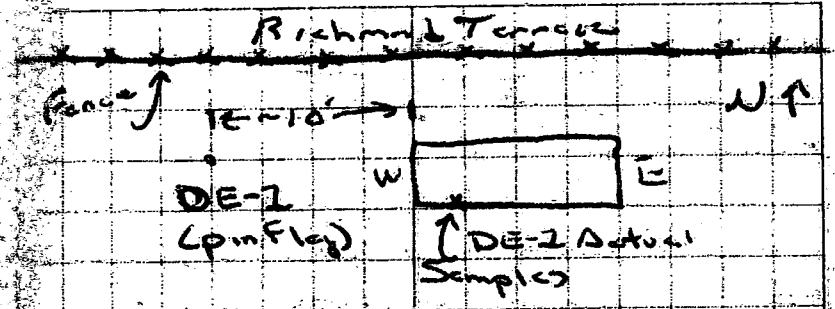
0945 - AD collects soil sample
S-DE1-0607

0946 - AD collects soil sample
S-DE1-0706

All 5 samples collected from excavator bucket using dedicated scoops.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA



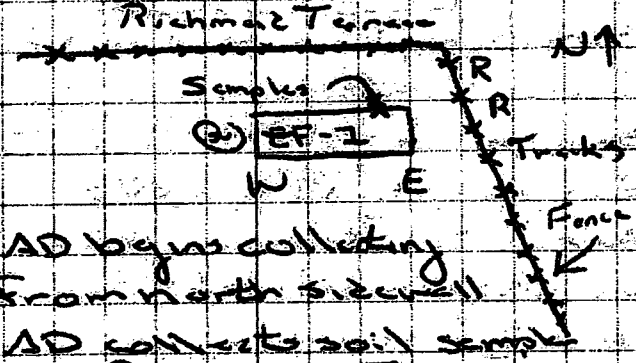
- Relinquish samples to JR for XRF

0950 - JRR backfills DE-1

1005 - AD decons excavator bucket using high pressure steam/alconox scrub.

1015 - RR begins excavating at Test Pit EF1 - Trending E&W

(38)



1025 - AD begins collecting soil from north sidewall

1026 - AD collects soil sample
S-EF1-0001

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

13 1030 - AD collects soil sample
[S-EF1-0102]

13 1033 - AD collects soil sample
[S-EF1-0203]

13 A113 samples collected from
EF-1 north sidewall using
12 dedicated plastic scoops. Relinquish
samples to JR for XRF
- Wall stepped 5' depth and wait
for XRF results.

1035 AD collects soil sample
[S-EF1-0304]

1036 - AD collects soil sample
[S-EF1-0405]

Both samples collected from
excavator bucket using dedicated
scoop.

Relinquish to JR for XRF.

12 Note: The above location is
actually location F-1 [see corrections
above]

Note - XRF indicates non-detect
for 3'-4' and 4'-5', therefore we'll
Sample 5'

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

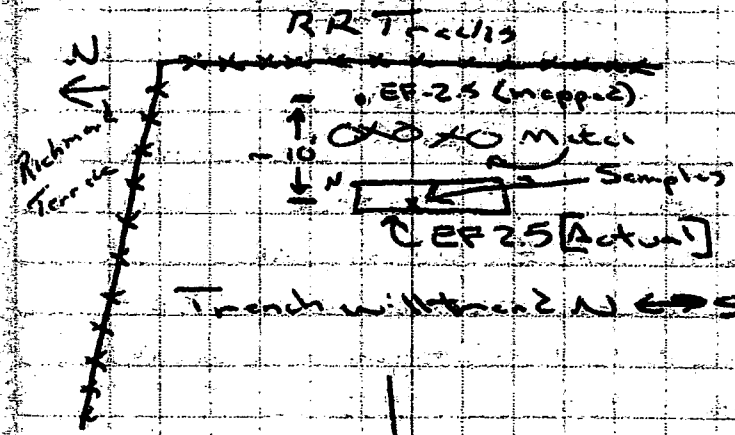
Note: Due to the proximity of
OE-1 and F-1, KS directed us
to skip EF-1.

1110 - RR backfill F-1

1125 - AG decons excavator bucket
using high pressure steam/cleaner
scrub.

1130-1200 - Break for lunch.

1210 - RR moves excavator to
Test Pit [EF-2.5]. Due to a pile
of metal debris the test pit will
be relocated ~10' west of
mapped location.



10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

1220 - Begin excavating

1225 - Advance to 3' depth. AD begins collecting soil from west sidewall.

1227 - AD collects soil sample

S-EF2.5-0001

1230 - AD collects surface soil sample

S-EF2.5-0102

1233 - AD collects soil sample

S-EF2.5-0203

- All 3 samples collected from west sidewall of EF-2.5 using dedicated scoop. Relinquish samples to JR for XRF.

1235 - AD collects soil sample

S-EF2.5-0304

1236 - S-EF2.5-0405

Both samples collected from excavator bucket using dedicated scoop. Relinquish to JR for XRF.

1255 - JR reports non-detect for 3'-4' and 4'-5'; therefore will stop at 5'

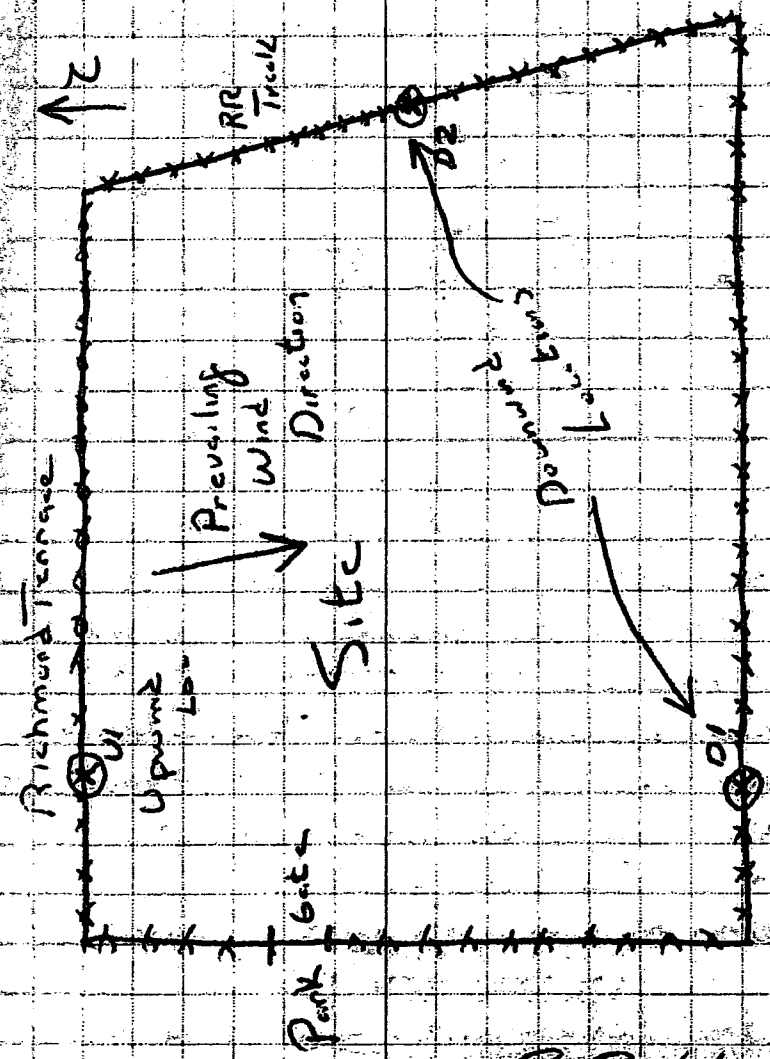
- RR backfill EF-2.5

AD

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

Today's Perimeter Dust Monitoring



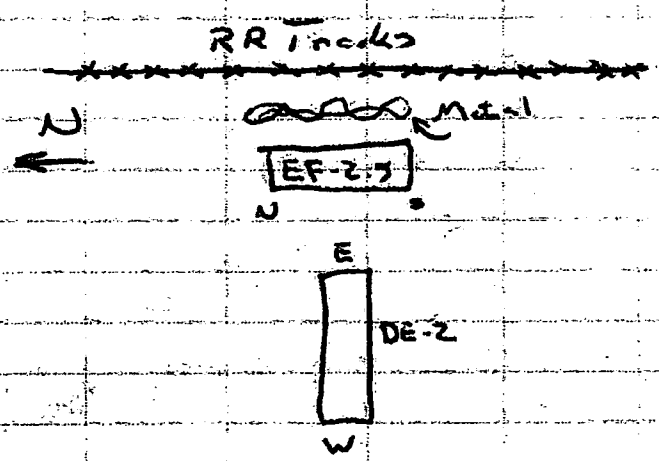
R. Polskie

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

1305 - AG demo excavator bucket using high pressure steam/alkaline scrub —

1310 - RR moves excavator to Test Pit DE-2.



- DE-2 will trend E-W perpendicular to EF-2.5.

1320 - AD collects soil from south sidewall of DE-2.

1322 - AD collects soil sample S-DE2-0001

1325 - AD collects soil sample S-DE2-0102

1328 - AD collects soil sample S-DE2-0203

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

Photo Log (cont)

JWL-10-5-26: Collecting soil @ EF-2.5, looking S.

JWL-10-5-27: EF-2.5, looking S —

JWL-10-5-28: Excavator at DE-2, looking SE.

JWL-10-5-29: Collecting soil from DE-2, looking S.

JWL-10-5-30: DE-2, looking S —

JWL-10-5-31: Excavator CD-1.5, looking NE.

JWL-10-5-32: Collecting soil from bucket @ CD-1.5, looking SE. —

JWL-10-5-33: CD-1.5, looking SE —

10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

- All three soil samples collected from south sidewall of DE2 using dedicated scoop. Relinquish to JR for XRF.

1330 - AD collects soil sample

S-DE2-0304

1335 - AD collects soil sample

S-DE2-0405

Both samples collected from the excavator bucket using dedicated scoop. Relinquish to JR for XRF.

1355 - JR reports low concentrations and non-detects - so will stop at 5'. RR backfills DE2.

1405 - AG decons excavator bucket with high pressure steam/alconox scrub.

1410 - RR moves excavator to Test Pit

CD-1.5

1415 - Begin excavating

* Encounter concrete slab at ~1' depth.

Location Port Richmond Date 10-5-10

Project / Client JWE/EPA

- RR is able to break through.

1425 - AD begins collecting soil from south sidewall of CD-1.5 Trench trends E ↔ W

Richmond Terrace N↑

W [CD-1.5] E

Samples

1427 - AD collects soil sample

S-CD1.5-0001

1430 - AD collects soil sample

S-CD1.5-0102

1432 - AD collects soil sample

S-CD1.5-0203

- All 3 samples collected from south sidewall of CD-1.5 using dedicated scoop.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

1445- AD collects soil sample

S-CD1.5-0304

1447- AD collect soil sample

S-CD1.5-0405

JR reports only 4'-5' is non-detect, therefore will go down another foot

1455- AD collects soil sample

S-CD1.5-0506

JR reports XRF for 5'-6' = ND.

1500- RR backfills CD-1.5.

- Pick up for the day.

- AG decons truck tires before departing site.

- All samples put on ice. JR relinquishes samples to SS. SS notifies sub-contractor. They will be locked in the van overnight.

1525- SS departs site. AD, JR and SET remain to close up site.

1550- Arrive back at office. Ship dust filters to EMSL via FedEx.

End Day

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

0700- WESTON and SET arrive on site to continue subsurface investigation and sampling.

Weather- Mostly cloudy, damp, cool, scattered showers, ~50°F.

- AG reports RR is running late.
- JR departs site for Home Depot.
- KS requested we bury a tarp to cover an exposed soil pile.
- AD sets up SKC pumps/filters for perimeter and personal monitoring.

- Today's Sample Nos.

U-1006[584607] - upwind loc.

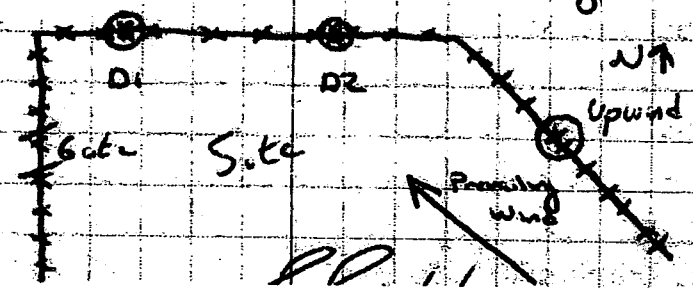
D1-1006[585533] downwind #1

D2-1006[584126] downwind #2

O-1006[584134] operator - RR

S-1006[707523] sampler - AD

- Wind is out of the S-SE today



Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

0725 - KS connects etc.

Note: Excavator bucket damaged after yesterday's sampling.

0800 - SS and KS discuss Rinsates. KS decides that rather than collect a Rinsate from the dedicated scoops we will minimize the total collected to decon equipment.

- Excavator bucket
- Geoprobe cutting shoe
- Hollow-stem Auger
- Low flow pump

0810 - RR arrives

0815 - Conduct H/S briefing.

- COCs
- Excavator safe distance
- Location of HASP.
- Staging upwind of Test Pits

0820 - RR positions excavator at BC-15

0830 - Begin excavating.

- Dust (minor) is being generated. I ask AG to bring over water for dust suppression.

0840 - AG moves trailer into position adjacent to BC-15 in order to spray water.

Late Entry: SS observed that the custody seals on the sample coolers were intact.

0845 - Resume excavating w/ dust suppression.

0850 - Advance to 3' depth. AD begins collecting soil from north sidewall (trench oriented E↔W)

0852 - AD collects soil sample S-BC15-0001

0854 - AD collects soil sample S-BC15-0102

0856 - AD collects soil sample S-BC15-0203

All 3 samples collected from BC-15 north sidewall using dedicated scoops.

0900 - AD collects soil sample S-BC15-0304

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

0902- AD collects soil sample

S-BC1.5-0403

- Both samples collected from exc bucket using dedicated scoops.
- Relinquish all S samples to JR for XRF.
- Will wait for results before proceeding
0920- JR reports low conc./non-detect for the 3'-4' and 4'-5' intervals therefore will stop @ 3'.
- RR backfills BC-1.5
- AD/JR replenish ice for both coolers.
- Samples kept @ 4°C.
0935- RR/AG- decon exc. bucket using high pressure steam/alconox scrub
0942- RR positions exc. at Test Pit

AB-1.5

0945- Begin excavating.
- AG provides dust suppression
0950- Advance to 3' depth. AD begins collecting soil from north side wall (test pit oriented E-W).

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

Photo Log (cont)

JWL-10-6-34: Refilling decon tubs with fresh water.

JWL-10-6-35: Excavator @ BC-1.5, looking E.

JWL-10-6-36: Dust suppression @ BC-1.5, looking E.

JWL-10-6-37: Collecting soil from BC-1.5, looking E.

JWL-10-6-38: Collecting soil from exc. bucket @ BC-1.5, looking E.

JWL-10-6-39: BC-1.5, looking E.

JWL-10-6-40: Exc. @ AB-1.5

JWL-10-6-41: Dust suppression @ AB-1.5, looking E.

JWL-10-6-42: Collecting soil from AB1.5, looking E.

JWL-10-6-43: Collecting soil from exc. bucket @ AB-1.5, looking NE.

JWL-10-6-44: AB-1.5, looking E.

JWL-10-6-45: Decanting exc bucket, looking E.

10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

0952 - AD collects soil sample

S-AB1.5-0001

0954 - AD collects soil sample

S-AB1.5-0102

0956 - AD collects soil sample

S-AB1.5-0203

All 3 samples collected from north sidewall of AB1.5.

Using dedicated scoop.

Relinquish to JR for XRF.

1000 - AD collects soil sample

S-AB1.5-0304

1002 - AD collects soil sample

S-AB1.5-0405

- Both samples collected from exc bucket using dedicated scoop.
- Relinquish to JR for XRF.
- Put samples on ice.

1020 - JR reports low concentrations @ 3'-4' and 4'-5' intervals.

- BR backfills AB-1.5.

1035 - AG demo exc. bucket using high pressure steam/alconox scrub.

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

1045 - Head out to Test Pit loc.

A-5.5

- A pile of road/asphalt millings partially destroys loc. A-5.5. RR positions exc. on top of pile.
- RR scrapes away road millings that have migrated over A-5.5.

1110 - RR breaks through millings, begins to execute trench.

- Begin generating dust - ask AG to bring over hose.

1120 - Resume executing w/ dust suppression.

1125 - Advance to 3' depth. AD begins to collect soil from north sidewall (test pit is oriented E↔W)

1127 - AD collects soil sample

S-A5.5-0001

1130 - AD collects soil sample

S-A5.5-0102

1132 - AD collects soil sample

S-A5.5-0203

10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

- All 3 samples collected from the sidewall (north) of A-55
- Relinquish to JR for XRF.
- Put samples on ice.

1135 - AD collects soil sample

S-A55-0304

1136 - AD collects soil sample

S-A55-0405

Both samples collected from exc. bucket with dedicated scoops.

- Relinquish to JR for XRF.
- Put samples on ice.

1150 - JR reports ND @ 2'-3' and 3-4'. We'll step @ 5'.

1200-12:30 - break for lunch.

1230 - RR back fills A-55, then decons exc. bucket using high pressure steam & scrub

1240 - RR positions exc. @ Test Pit

2A-4

- The pin flag is sited in the milling pile. We will attempt to excavate the test pit between the pile and the fence.

AD 10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

Photo Log (cont)

JWL-10-6-46 Excavation setup of milling pile @ A-55, looking S

JWL-10-6-47: Collecting soil from A-55, looking S.

JWL-10-6-48: Exc @ 2A-4, looking SW.

JWL-10-6-49: Collecting soil from 2A-4, looking SW.

JWL-10-6-50: Collecting soil from exc. bucket @ 2A-4, looking SE

JWL-10-6-51: 2A-4, looking S

JWL-10-6-52: 2A-3S, looking W.

RP 10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

2A-4 will be located ~5' west of flagged location.

1255 - AD advances to 3' depth. AD begins soil collection from east sidewall.

1257 - AD collects soil sample

S-2A4-0001

1300 - AD collects soil sample

S-2A4-0102

1302 - AD collects soil sample

S-2A4-0203

- All 3 samples collected from 2A-4 east sidewall, using dedicated scoop.
- Relinquish to JR for XRF.
- Samples on ice.

1305 - AD collects soil sample

S-2A4-0304

1308 - AD collects soil sample

S-2A4-0405

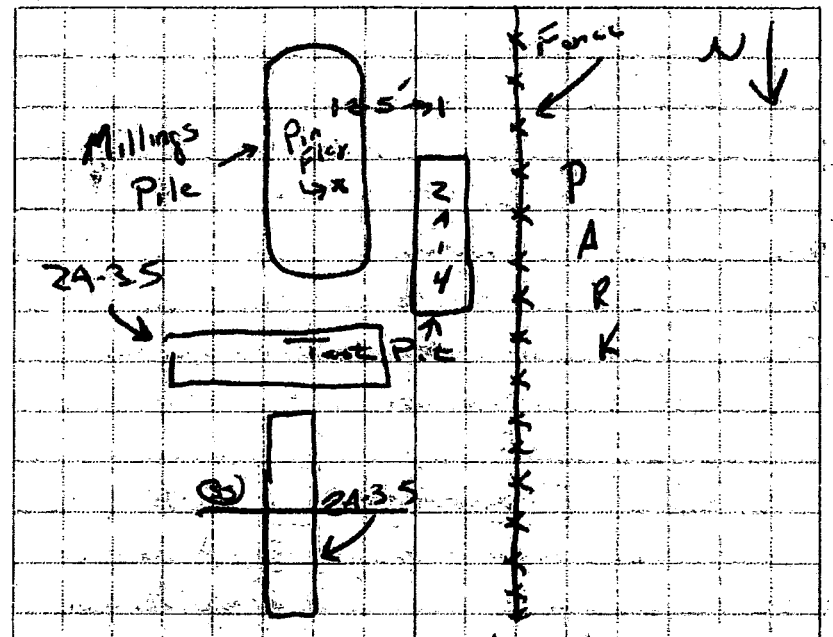
Both samples collected from exc. bucket using dedicated scoop.

- Relinquish to JR for XRF.
- Samples on ice.

10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA



1330 - JR reports high (>400) concentrations, therefore will advance to 6' depth.

1334 - AD collects soil sample

S-2A4-0506

1336 - AD collects soil sample

S-2A4-0607

1340 - AD collects soil sample

S-2A4-0708

- RR backfills test pit.

10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

1400- RR decons exc. bucket using high pressure steam/alconox scrub.
1405- RR moves excavator to Test Pit 2A-3.5
1408- Begin excavating
1415- Advance to 3' depth, AD begins to collect soil from south sidewall.
1416- AD collects soil sample S-2A35-0001
1418- AD collects soil sample S-2A35-0102
1420- AD collects soil sample S-2A35-0203
- All 3 samples collected from south sidewall using dedicated scoops.
- Relinquish samples to JR for XRF
- Samples on ice.
1425- AD collects soil sample S-2A35-0304
1428- AD collects soil sample S-2A35-0405
1430- AD collects soil sample S-2A35-0506

AD

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

1432- AD collects soil sample S-2A35-0607
1435- AD collects soil sample S-2A35-0708
- RR backfills 2A-3.5
Above 5 samples collected from exc. bucket using dedicated scoops.
- Relinquished to JR for XRF.
- Samples on ice.
1445- AD retrieves SKC pumps/filters and relinquishes them to SS.
1450- JR relinquishes soil samples to SS
- SS custody seals sample coolers.
- RR decons excavator bucket using high pressure steam/alconox scrub.
1500- Pickup.
1525- All depart site.
1600- Arrive back at office. Fill out COC and ship dust filters to EMSL via FedEx.

End Day

10/6/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

0700: WESTON and SET arrive at site to continue subsurface investigation and sampling.

Weather: Mostly clear, ~50°F.

Same staff as the previous day.

Julissa Morales (JM), WESTON will arrive later as additional personnel to allow simultaneous monitoring well install and test pit excavation.

0710 - AD sets up SKC pumps/filters for today's dust monitoring. Wind is out of the south.

0725: AD deploys perimeter dust monitors at same locations as yesterday.

0730 - Brian Slicher (BS) arrives from SET with a drilling for monitoring well installation.

0735 - Conduct H/S briefing

- COCs
- Location of HASP
- Decon vehicles prior to leaving site.
- Excavator / drilling awareness.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

Photo Log

JWL-10-7-53: Dumping exc. bucket, looking SE.

JWL-10-7-54: Collecting Rinsate RB01 from exc. bucket.

JWL-10-7-55: Exc. @ D-4, looking E.

JWL-10-7-56: Collecting soil from D-4, looking S.

JWL-10-7-57: Collecting soil from exc. bucket @ D-4, looking SE.

JWL-10-7-58: D-4, looking S.

JWL-10-7-59: Excavator @ CD-3, looking SE.

JWL-10-7-60: Collecting soil from CD-3, looking S.

JWL-10-7-61: Collecting soil from bucket @ CD-3, looking S.

JWL-10-7-62: CD-3, looking S.

JWL-10-7-63: Drilling @ PO-3, looking E.

JWL-10-7-64: Exc. @ BC-2.5, looking NW.

JWL-10-7-65: Collecting soil from BC-2.5, looking E.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

0750- RR uses excavator to remove debris at MW location PO-3 in the NE corner of the site.

0800-0815- Walks to with BS to scout MW locations.

0820- RR decons exc. bucket with high pressure steam/alonox scrub.

0825- AD/SS collect Rinsate Blank RB01 from decomm'd exc. bucket.

0835- JR repacks previously collected samples with fresh ice.

Note: SS observed that custody seals on the sample coolers were intact this morning.

0840- RR moves excavator into position at Test Pit D-4.

0840- BS and JD decon hollow stem augers for MW installation.

- Begin excavating @ D-4.

0850- Advance to 3'. AD begins collecting soil from west side wall. Test pit is oriented N↔S.

0852- AD collects soil sample S-D4-0001

0854- AD collects soil sample S-D4-0102

0856- AD collects soil sample S-D4-0203

- All 3 samples collected from west sidewall of D-4, using dedicated plastic scoops.

- Relinquish samples to JR for XRF.

- Samples on ice.

0900- AD collects soil sample S-D4-0304

0902- AD collects soil sample S-D4-0405

0904- AD collects soil sample S-D4-0506

0906- AD collects soil sample S-D4-0607

0908- AD collects soil sample S-D4-0708

0910- RR backfills D-4.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

10/7/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

0910- JM arrives at site. SS provides HASP for her to review.
- All 5 samples collected from exc. bucket using dedicated scoops.
- Relinquish to JR for XRF.
- Samples on ice.
0925- RR decons exc. bucket using high pressure steam/alcenox scrub.
0930- RR moves exc. into position @ Test Pit CD-3
0932- Begin excavating Test pit oriented W↔S.
0935- Adjacent to 3' depth, AD begins collecting soil from west sidewall.
0940- BS begins work @ RW-3. MW installation will be documented by JM in a seperate logbook.
0942- AD collects soil sample
S-CD3-0001
0944- AD collects soil sample
S-CD3-0102
0946- AD collects soil sample
S-CD3-0203

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

- All 3 samples collected from west sidewall of CD-3, using dedicated scoops.
- Relinquish to JR for XRF.
- Samples on ice.
0952- AD collects soil sample
S-CD3-0304
0954- AD collects soil sample
S-CD3-0405
0956- AD collects soil sample
S-CD3-0506
0958- AD collects soil sample
S-CD3-0607
1000- AD collects soil sample
S-CD3-0706
All 5 samples collected from the exc. bucket using dedicated scoops.
- Relinquish to JR for XRF.
- Samples on ice.
1010 ~~RR~~ RR backfills CD-3 then decons exc. bucket using high pressure steam/alcenox scrub.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

1015- Begin excavating @ Test Pit
BC-2.5
- Test pit oriented E⟷W
1025- Advance to 3' depth. AD begins collecting soil from south sidewall.
1028- AD collects soil sample
S-BC2.5-0001
1030- AD collects soil sample
S-BC2.5-0102
1032- AD collects soil sample
S-BC2.5-0203
- All 3 samples collected from south sidewall using dedicated scoops
- Relinquish to JR for XRF
- Samples on ice
1035- AD collects soil sample
S-BC2.5-0004
1038- AD collects soil sample
S-BC2.5-0405
Both samples collected from exc bucket using dedicated scoops.
- Relinquish to JR for XRF
- Samples on ice.

AD

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

Photo Log (cont)

JWL-10-7-06 - See MW logbook

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

1100- JR reports 3'-4' and 4'-5' are below 500ppm; therefore we'll stop @ 5' and backfill.

1125- RR positions excavator @ Test Pit BC-4

Late Entry: JS called to say dust monitor results indicate we can down grade to Level D+.

1130- Begin excavating BC-4.

1140- Advance to 3' depth. AD begin collecting soil from the north sidewall. Test pit is oriented SW ⟷ NE.

1142- AD collects soil sample S-BC4-0001

1144- AD collects soil sample S-BC4-0102

1146- AD collects soil sample S-BC4-0203

Δ113 samples collected from north sidewall using dedicated scoops.

- Relinquish to JR for XRF.
- Samples on ice.

10/7/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

1150- AD collects soil sample S-BC4-0304

1152- AD collects soil sample S-BC4-0405

1200-1230- Break for lunch

1230- JR reports >500ppm for 4'-5' so will go to 8' in BC-4

1240- Resume excavating @ BC-4

1244- AD collects soil sample S-BC4-0506

1246- AD collects soil sample S-BC4-0607

1248 AD collects soil sample S-BC4-0708

(81) ~~1-3~~ 0'-3' collected from north sidewall. 3'-8' collected from exc. bucket. Using dedicated scoops.

- Relinquish to JR for XRF.
- Samples on ice.

1255 RR backfills BC-4.

1305- RR decons bucket with high pressure steam/alconox scrub.

10/7/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

1310 - RR positions excavator @ Test Pit

C-4

- Test pit is oriented E↔W

1315 - Begin excavating.

1320 - Advance to 5', AD begins to collect soil from north sidewall.

1322 - AD collects soil sample

S-CH-0001

1324 - AD collects soil sample

S-CH-0102

1326 - AD collects soil sample

S-CH-0203

- All 3 samples collected from north sidewall, using dedicated plastic scoops.
- Relinquish to JR for XRF.
- Samples on ice.

1330 - AD collects soil sample

S-CH-0304

1332 - AD collects soil sample

S-CH-0405

- JR reports 4'-5' interval is ND.
- Will go down another foot.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

1345 - Go down another 1'. AD collects soil sample S-CH-0506

- Relinquish to JR for XRF.
- JR reports ND - will step to 6'.

1405 - RR decons excavator bucket using high pressure steam/alconox scrub.

Late Entry (1355) BJ, JB decons hollow stem augers using high pressure steam/alconox scrub.

1415 - RR positions excavator @ Test Pit

AB-5.5

- Test pit will be oriented N↔S

1419 - Begin excavating.

1420 - AD collects soil sample

S-AB5.5-0001

1422 - AD collects soil sample

S-AB5.5-0102

1424 - AD collects soil sample

S-AB5.5-0203

All 3 samples collected from west sidewall using dedicated scoops.

10/8/10

Location Port Richmond, N.Y.C. Date 10-7-10

Project / Client JWL/EPA

- Relinquish to JR for XRF.
- Samples on ice.

1425- AD collects soil sample

S-AB5.5-0304

1430- AD collects soil sample

S-AB5.5-0405

- Both samples collected from bucket using dedicated scoop
- Relinquish to JR for XRF.
- Samples on ice.

1435 JR reports ND for 3'-4' & 4'-5'

will stop @ 5'. RR backfills.

1445- AG decons excavator bucket using high pressure steam / alconox scrub.

515- AD collects dust filters, relinquishes to SS.

1520- JR custody seals sample coolers and relinquishes to SS.

1530- All depart site.

1600- SS arrives at office and ships dust filters to EMSL via FedEx.

End Day

Location Port Richmond, N.Y.C. Date 10-8-10

Project / Client JWL/EPA

0700- WESTON, JET arrive at site to continue subsurface investigation and sampling.

Weather - Clear, ~55°F.

Same personnel as yesterday.

- Test Pits - SS, AD, AG, and RR.
- MWs - JM, DS, DR.
- XRF - JR; EPA - KJ

0710 - AD prepares personnel and perimeter pumps/filters. Windiest of the south today - perimeter monitoring will be the same as yesterday.

Personnel:

S-1004 - AD D1- downwind #1

O-1006 - RR D2- " #2

O2-1006 - DS

U-1006 - upwind

0720- Conduct H&S briefing

- COCs
- Hydration/Sun
- Restrooms/Breaks
- Personal Monitoring
- Rig Safety.

Location Port Richmond, N/C Date 10-8-10

Project / Client JWL/EPA

0730 - RR positions excavator at Test Pit

A-1.5

- Test pit oriented E ⇔ W

0735 - Begin excavating

0745 - Advance to 3'. AD begins collecting soil from southside well

0748 - AD collects soil sample

S-A1.5-0001

0750 - AD collects soil sample

S-A1.5-0102

0752 - AD collects soil sample

S-A1.5-0203

- All 3 samples collected from south sidewall using dedicated scoops

- Relinquish to JR for XRF

- Samples on ice

Note: SS observed that custody seals on sample coolers are intact

0756 - AD collects soil sample

S-A1.5-0304

0757 - AD collects soil sample

S-A1.5-0405

10/8/10

Location Port Richmond, N/C Date 10-8-10

Project / Client JWL/EPA

0805 - JR requests backhoe @ 3'-4' and 4'-5'; therefore will stop @ 5'.

- Both samples collected from excavator bucket using dedicated scoops

- Relinquish to JR for XRF

- Samples on ice

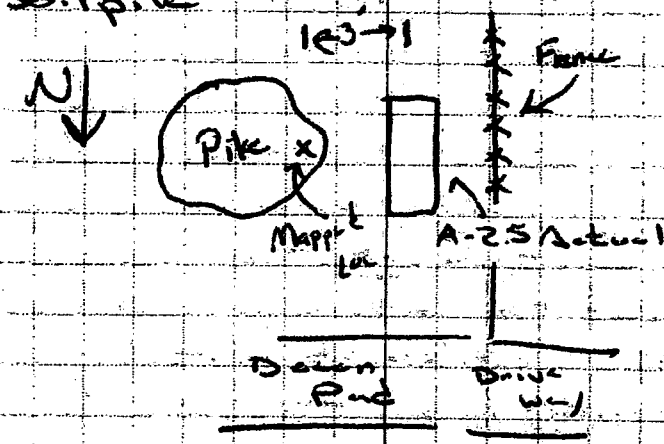
- RR backfills test pit

0815 - AG decon excavator bucket using high pressure steam/alconox scrub

0830 - RR begins excavating at Test Pit

A-2.5

Test pit is ~ 3' west of flagged location due to the presence of a soil pile



10/8/10

Location Port Richmond, NYC Date 10-8-00

Project / Client JWL/EPA

0635- Advance to 3' depth, AD begins collecting soil from west sidewall.

0636- AD collects soil sample

S-A2.5-0001

0636- AD collects soil sample

S-A2.5-0102

0640- AD collects soil sample

S-A2.5-0203

All 3 samples collected from west sidewall using dedicated scoops.

- Relinquish to JR from XRF
- Samples on ice

0642- AD collects soil sample

S-A2.5-0304

- JR reports 4'-5' 7 ppm

0644- AD collects soil sample

S-A2.5-0405

0646- AD collects soil sample

S-A2.5-0506

- JR reports less than 5 ppm

- 0655- RR backfills test pit.
- Samples on ice.

Location Port Richmond, NYC Date 10-8-00

Project / Client JWL/EPA

0910- RR/AG decon excavator bucket using high pressure steam/alumox scrub.

0915- RR sets up excavator at Test Pit

AB-4

0925- Advance to 3' depth. AD begins to collect soil from east sidewall. Trench is oriented N ⟷ S

0927- AD collects soil sample

S-AB4-0001

0930- AD collects soil sample

S-AB4-0102

0932- AD collects soil sample

S-AB4-0203

- All 3 samples collected from east sidewall using dedicated scoops.
- Relinquish to JR from XRF
- Samples on ice
- JR reports he has repeated all samples with fresh ice.

0935- AD collects soil sample

S-AB4-0304

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

0937 - AD collects soil sample

S-ABH-0405

- Relinquish to JR for XRF.
- JR reports 3'-5' >600ppm
0940 - AD collects soil sample

S-ABH-0506

- JR reports 5'-6' < 600ppm.

All 3 samples collected from excavator bucket using decontaminated scoops.

- Samples on ice.

0945 - BR backfills test pit.

1000 - BR/AG decon excavator bucket

1003 - ~~AB~~ BR positions excavator at Test Pit

AB-35

- Due to the presence of a soil pile at the mapped location, the test pit will be relocated ~5' south of mapped location.

1005 Borough Engineer arrives on site. SS provides WAP. KS briefs him on situation/status.

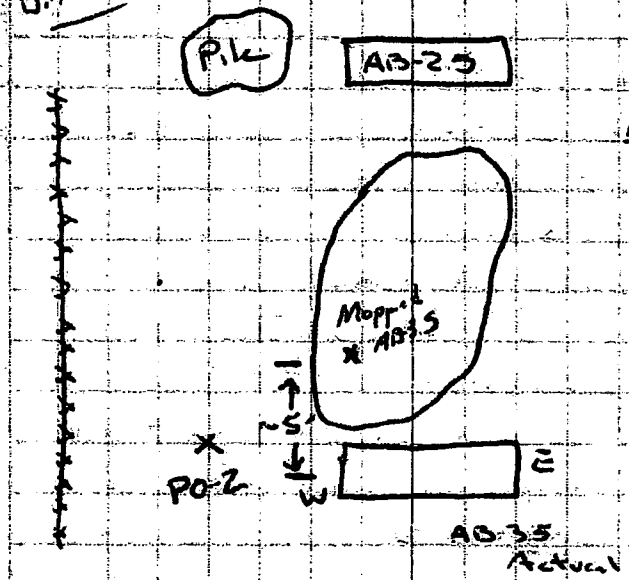
Late Entry: 1010 - AD collects soil sample S-AB35-0001

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

1012 - AD collects soil sample

S-AB35-0102



1015 - AD collects soil sample

S-AB35-0203

1020 - AD collects soil sample

S-AB35-0304

1022 - AD collects soil sample

S-AB35-0405

JR reports 3'-4' ~35,000ppm - will go down another foot.

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

1035- AD collects soil sample

S-AB35-0506

-JR reports 5'-6' = ND.

1040- RR backfills test pit

- 0'-3' collected from south side wall (trench oriented E↔W).

- 3'-6'- Collected from excavator bucket

- Using dedicated scoops

- Relinquished to JR for XRF.

- Samples on ice.

1055- AG decons excavator bucket

1100- RR positions excavator @ Test Pit

AB-2.5

- last test pit for this portion of the site.

1105- Begin excavating

1105- Advance to 3' depth. AD begins collecting soil from south sidewall.

1110- AD collects surface soil sample

S-AB2.5-0001

1112- AD collects soil sample

S-AB2.5-0102

1114- AD collects surface soil sample S-AB2.5-0203

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

- All 3 samples collected from south sidewall using dedicated scoops

-Relinquished to JR for XRF

- Samples on ice.

1118- AD collects soil sample

S-AB2.5-0304

1120- AD collects soil sample

S-AB2.5-0405

- Both samples collected from excavator bucket using dedicated scoops

- Relinquished to JR for XRF.

- Samples on ice.

1125- JR reports 3'-4' & 4'-5' are ND - RR backfills test pit

1200-1230- EPA, WESTON break for lunch. SET remains to pack up & decon equipment.

1230- Return to site. SET still packing up decon

- SS removes personnel and perimeter dust monitors.

1330- All depart.

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

1400 - Return to office. Ship today's dust filters to EMSL via FedEx.

End Day

Location Port Richmond, NYC Date 10-11-10

Project / Client JWL/EPA

0743 - EPA, WESTON, and SET arrive at site to begin subsurface evaluation at the 2015 Richmond Terrace portion of the site. We wait across the street till 0800 when KS will enter the property and confirm access. This work's personnel

SS - Field Coordinator, WSO

AD - Sampler, Soil logging

JR - XRF operator

KS - EPA Oversight

Darwin Reid (DR), SET - Geoprobe

Weather - Clear ~60°F.

0800 - KS heads into site.

0803 - KS confirms we have access. We head into site to sign in and scoot a staging area.

0830 - Set up matter to office.

- AD sets up ground and perimeter dust monitors. Wind is out of the south.

D1 = Downwind #1

D2 = Downwind #2

Location Port Richmond, N.Y.C. Date 10-11-10.

Project / Client JWL/EPA

U = Upwind

S = Sampler (AD).

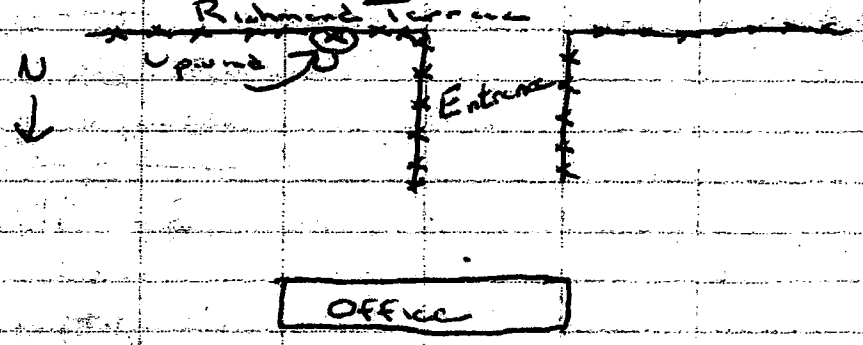
O = Operator (DR).

- Air monitoring will include Multi-Rae on the portion of the site.

S/N: PID Id No. 145031.

AD will calibrate using 100ppm isobutylene & mixed gases.

0900 - AD deploy Personal dust monitors upwind to deployed on fence adjacent to entrance. Downwind 1 and 2 are deployed in the NE and NW corners of the site, respectively, near the bulkhead.



0915 - DR bring Geoprobe over from across the street.

Location Port Richmond, N.Y.C. Date 10-11-10

Project / Client JWL/EPA

Photo Log

JWL-10-11-1: Geoprobe ~~MSCA-1~~ MSCA looking W.

JWL-10-11-2: Logging soil from MSCA-1.

JWL-10-11-3: Geoprobe @ MSCB-1, looking N.

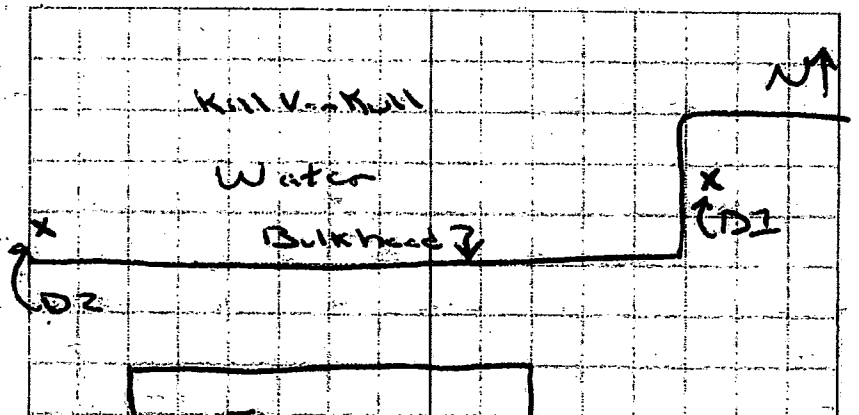
Location Port Richmond, N.Y.C. Date 10-11-10

Project / Client JWL/EPA

0920 Jay Shipley (JS), Environtals
is here and needs to go to Edison to plug sample
jars and he asks if we wait until he
returns to begin sampling.
Note: Custody seals on sample coolers
are intact. JR begins fresh ice for samples.
1045 - JS returns
1100 - Try to locate MSCA-1 - but can't
find the mark. Tentative will start
~~MSCB-1~~ MSCA-1
1105 - Begin probing
- Probe to 8'
- No PID reading in hole.
- AD takes bucket to truck to log.
Note: Appears this was the hole we were
looking for. - MSCA-1
- AD logs soil. DR backfills MSCA-1.
Note: Due to the need to split samples
with JS and the low volume recovered
by the Dual Tube samplers being used,
we suggest to JS that we advance 2
co-located borings in order to recover
enough volume for the split samples.

Location Port Richmond, N.Y.C. Date 10-11-10

Project / Client JWL/EPA



1140 - JS OKs co-located borings until he
hears back from his supervisor.
- Relinquish to JR for XRF.
- Samples on ice.
- We collected the following soil samples
~~S-MSCA-2~~
S-MSCA1-0001 1128
S-MSCA1-0102 1131
S-MSCA1-0203 1135
S-MSCA-0304 1140
S-MSCA-0405 1145
S-MSCA-0506 1150
S-MSCA-0607 1153
S-MSCA-0708 1157

Location Port Richmond, NYC Date 10-11-10

Project / Client JWL/EPA

1210 - Begin probing @ MSCB-1
- DR reports refusal @ 25'.
- Move 3' west - 2nd attempt.
- Advance 0'-5'.
- Advance 5'-8'.
1230 - Begin advancing @ co-located boring
~ 1' west of 1st location.
- Advance 0'-5'.
- Advance 5'-8'.
- AD screens hole with Multi-Rae
- No reading
1237 - Relinquish core to AD for logging
- Relinquish co-located to JS.
1245 - AD collects soil sample
S-MSCB1-0001
1247 - AD collects soil sample
S-MSCB1-0102
1249 - AD collects soil sample
S-MSCB1-0203
1251 - AD collects soil sample
S-MSCB1-0304

Location Port Richmond, EPA Date 10-11-10

Project / Client JWL/EPA

Note: JS noticed that the co-located borings are very disimilar. We therefore decided to stop sampling and have SET begin to use 2" macro-core. There are none here on site so will stop further and start over tomorrow.
1255 - Pack up. Truck DR to bring 2" macro-core to the site tomorrow.
1320 - Depart site.
End Day

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

0600 - EPA, WESTON, and SET return to 2013 Richmond Terrace to continue sub-surface investigation.

Weather: Mostly sunny, ~60°F. Rain last night - ground is wet.

0630 - JS arrives. AD assembles perimeter and personal sucpumps/dust filters.

- AD reports wind out of the west.
- SS observes custody seals on sample coolers intact.

0630 - DR decons Geoprobe equipment

- ~~High pressure steam~~
- ~~Alg~~ HNO3 rinse
- Alconox Scrub.

0635 - SS/JR collect Rinsate Blank

RB03

From Geoprobe cutting shoe. Pour DI water over decomed cutting shoe, preserve with HNO3 pH<2.

0655 - AD calibrates MultiRae using 100ppm isobutylene and mixed gases - 25ppm H_2S, 50ppm CO, 50%LEL CH_4, 20.9% O_2.

DR

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

Photo Log

JWL-10-12-1. Decoming Geoprobe rods/cutting shoes.

JWL-10-12-2: Collecting RB03.

JWL-10-12-3: Collecting soil from MSLA-1.

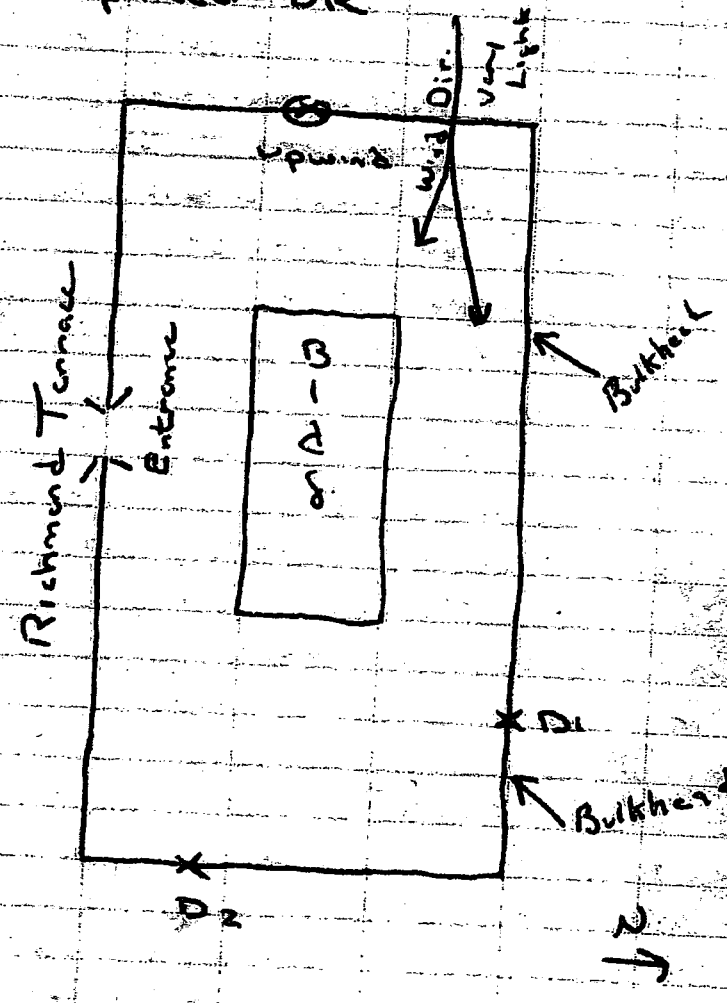
JWL-10-12-4. Geoprobe MSLF-1, looking SE.

JWL-10-12-5. Geoprobe MSLF-1, looking N.

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

AD deploys perimeter monitors.
- Sampler: AD
- Operator: DR



Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

0915 - Begin probing @ MSCA-1
- 4' Macro-core
- Refusal @ ~1.5', move ~1' NE for 2nd att.
- advance 0'-4'; AD reports 0.6 ppm PID
- advance 4'-8'; AD reports 0.3 ppm PID
- AD returns to staging area to log soils and collect XRF samples.

0945 - Begin probing MSCA-1
- Advance 0'-4'
- Advance 4'-8'
- Return to staging area - cores to AD for logging.

Due to asphalt surface, sampling is starting the 1'-2' interval.

Sample collected from MSCA-1
S-MSCA1-0102 @ 0947
S-MSCA1-0203 @ 0949
S-MSCA1-0304 @ 0951
S-MSCA1-0405 @ 0953
S-MSCA1-0506 @ 0955
S-MSCA1-0607 @ 0957

AD reports ~4.7 ppm PID @ 7'-8' core.
No recording noted in the environ.

Location Port Richmond, NJ/C Date 10-12-10

Project / Client JWL/EPA

S-MSCA-0705-0959.

- AD is scooping soil from sieve into baggies. After XRF analysis takes 1/2 of the volume for the split sample

Sample collected for MSCB-2

S-MSCB2-0102 @ 1010

S-MSCB2-0203 @ 1012

S-MSCB2-0304 @ 1014

S-MSCB2-0405 @ 1016

- Screen 7'-8' interval ~10 min to allow

∴ No reading on detector.

S-MSCB2-0506-1018

S-MSCB2-0607-1020

S-MSCB2-0708-1022

1030-1045- AD takes heads up reading in sample baggies - records results on scale log sheets

1105- Begin probing @ MSCC-2

- Advance 0'-4' - MSCC-2

- No reading on Multi-Rae in hole

- Advance 4'-8'; - water table

- No reading in the hole.

Location Port Richmond, NJ/C Date 10-12-10

Project / Client JWL/EPA

- AD takes more for logging

1110- Light rain starting

1115- Begin probing @ MSCD2

- Advance 0'-4'

- Advance 4'-8'

- Consult AD for logging/sampling

1130- OR decons Geoprobe equipment

- High pressure steam, alconox scrub, HNO_3 rinse.

- Sample collected for MSCC-1

S-MSCC1-0102 @ 1120

S-MSCC1-0203 @ 1122

S-MSCC1-0304 @ 1124

S-MSCC1-0405 @ 1126

S-MSCC1-0506 @ 1128

S-MSCC1-0607 @ 1130

S-MSCC1-0708 @ 1132

AD reports entire 4'-8' is saturated ∴ NO XRF Run

- No reading on Multi-Rae in soil core or detector. No RMD by

Sample collected for MSCD-1

S-MSCD1-0102-@1146

S-MSCD1-0203-@1148

S-MSCD1-0304 @ 1150

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

- PID indicates 2.5 units in 2'-3' interval
- No readings in ambient air.
1200 - SS calls Joe Schmidt to ask if he has compiled a list of samples from last week that are being sent to the lab for confirmation analysis
- AD reports 5'-6' from MSCP-1 is saturated. Will collect 0405
- Joe Schmidt has selected the following samples for lab analysis -

	Dupe
S-AB2-0708	S-CD3-0001E
S-BC1-0001	S-CD3-0102
S-2A1-0304	S-CD3-0203
S-CD1.5-0405 (MS/MSD)	RB01
S-DE1-0506	S-AB.25-0102
S-DE1-0607	S-AB2.5-0304
S-AB1.5-0405	S-AB3.5-0001
S-2A3.5-0405	
S-2A3.5-0708	
S-2A4-0607	
S-CA-0102	
S-CD3-0001	

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

1230-1300 - Break for lunch.
1300 - Wait for JS
1315 - JS returns.
1320 - Begin probing MSCP-1
- Advance 0'-4'. No readings on Multi-Rae
- Advance 4'-6'.
- Entire 4'-6' interval is saturated.
- Petroleum Odor.
- 0'-4' to AD for logging/sampling
1340 - Begin probing MSCP-1
- Advance 0'-4'.
- Advance 4'-6'.
- Carote to AD for logging/sampling
1400 - Decon equipment
1410 - Begin probing MSCP-2
- Advance 0'-4'.
- Advance 4'-6'.
- Carote to AD for logging/sampling
1420 Begin probing MSCP-3
- Advance 0'-4'.
- Advance 4'-6'.
- Carote to AD for sampling/logging.
Note: Bottom of multi-Rae dried-back-ups adjusted

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL/EPA

1435 - Return to staging area. AD logs soils and relinquishes to JR for XRF.
- JR transfers soil to jars for lab and.
1515 - Today's samples put on ice and cooler is custody sealed.
1600 - All depart site.
1630 - Arrive back at office.
Ship dust filters to EMSL via Fed Ex (from office).
1630 - 1830 - Pack samples, label, custody seal, fill out COC
1900 - Arrive at FedEx
Ship one Cooler to EPA Region 2 DESA lab via FedEx
Air bill No. 8715 6304 5796
End Day

AD.

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

0800 - EPA, WESTON, and SET arrive at site to continue the subsurface investigation in the 2013 Richmond Tr. portion of the site.
Weather: Clear, sunny ~55°F.
Note: SS observed that custody seals on sample coolers are intact.
- Wind is out of the west again. We will deploy perimeter dust monitors in the same positions as yesterday.
0820 - AD deploys perimeter dust monitors
- Personal Monitors - S-1013-AD, O-1013-DR.
0830 - AD calibrates Mult-Rae.
0850 - Conduct H&S briefing
- BBS - stay organized / neat
- Proper PPE - glove, hard hat
- COCs
- Hydration / Sun
- COCs
- Location of HASP / RTK to HASP Map

10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

0800 - Begin probing at ~~MSCE-4~~ MSCE-F

- Advance 0'-4' - No reading on Multi-Rae
- Advance 4'-8' - " " " "
- Cores to AD, JR for logging, sampling, XRF

0915 - Begin probing at MSCE-3. Move bearing ~ 1.5' NW from mapped location due to parked car.

- Advance 0'-4'; No reading on Multi-Rae.
- Refusal @ 6'.
- No reading on Multi-Rae in hole.
- Cores to AD, JR for logging, sampling, and XRF.
- Sample collection times will be noted by AD and JR on field data sheets.

0945 - DR decons Geoprobe equipment using high pressure steam, alconox scrub, HNO3 rinse.

0955 - Begin probing at MSCE-4

- Refusal @ 5'. Move ~ 1' West for 2nd attempt.
- DR reports pieces of brick in bearing.
- Refusal @ 1' - concrete.
- Move 1' East of original loc. 3rd attempt

P. Dolan

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

Photo Log MSCE-F

JWL-10-13-6: Geoprobe ~~MSCE-4~~, looking N.

JWL-10-13-7: Backfilling MSCE-2.

JWL-10-13-8: Using HNO3 during decon.

JWL-10-13-9: Logging soil.

10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

- Advance 0'-4', No reading on Multi-Rae
- Advance 4'-8', " " " "
- Come to AD, JR for logging, sampling, and XRF.
- DR backfills boring.

1020 - Begin probing @ MSCE-3

- Advance 0'-4', (JR took PID for head space reading)
- Advance 4'-8'. Appears saturated - smell of H_2S.
- Come to AD, JR for logging, sampling and XRF.

1030 - DR decons Geoprobe equipment.

1050 - Begin probing @ MSCE-2

- Advance 0'-4' - saturated @ 4'.

1100 - Begin probing @ MSCD-2

- Due to parked cars, will move ~3' SW of mapped location.
- Advance 0'-4'.
- Advance 4'-7' - Refusal @ 7', saturated.
- Come to AD, JR for logging, sampling and XRF.

1110 - DR decons Geoprobe equip.

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

1130 - Begin probing @ MSCD-3

- Due to parked cars, move ~1' NW of mapped location.
- Refusal @ 3', move ~0.5' SE - close to mapped location.
- Advance 0'-4' - saturated @ ~4'
- Come to AD, JR for logging, sampling and XRF.
- DR backfills borehole.

1140 Begin probing @ MSCD4

- Advance 0'-4'
- Saturated by 4'.
- Come to AD, JR for logging, sampling and XRF.

1200 - Break for lunch.

Late Entry: JR replaced sample coolers with fresh ice.

1235 Begin probing @ MSCD5

- Advance 0'-4'.
- Advance 4'-6' Refusal @ 6'.
- Move ~1.5' north - make 2nd attempt @ 4'-8' interval.

10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

2nd Attempt successful. 4'-8'
- Core to AD, JR for logging, sampling, and XRF.
- DR backfills hole.
1255 - Begin probing @ MSC155 MSCC5
- ~15' east of mapped location due to fencing and utilities.
- Advance 0'-4'.
- Advance 4'-8'.
- Core to AD, JR for logging, sampling, and XRF.
- DR backfills borehole.
1315 - DR decons Geoprobe equipment
1330 - Begin probing @ MSCCH
- Advance 0'-4'
- Advance 4'-8'.
- Core to AD, JR for logging, sampling, and XRF
- DR backfills borehole.
1340 - Begin probing @ MSCC3
- Advance to 0'-4'.
- Very low recovery - 15-20%.
- Advance 4'-8'.

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

- Core to AD, JR for logging, sampling, XRF.
- DR backfills borehole.
1350 - DR decons Geoprobe equip.
Note: For the MSCC3 0'-4' interval. Due to low recovery, its impossible to determine/split into 4, 1-foot intervals - therefore will sample just below the asphalt and call 1'-2'.
1425 - Begin probing @ MSCBH
- Refusal @ 6'. Move ~2 West for 2nd Attempt.
- Advance 0'-4'.
- Saturated @ 4'.
- Core to AD, JR for logging, sampling, XRF.
- DR backfills hole.
1435 - Begin probing @ MSCAD
- 1' @ - 1' depth DR encounters a void in the subsurface. Suspecting a tank or utility, we abandon this location.

10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

- After walking the whole SW corner of the site and observing the physical state of the concrete, it appears the void runs beneath the entire area. Therefore, we will also abandon MSCA-4 and MSCA-3
1450 - AD collects dust filters
- Pickup equipment.
- AD relinquishes dust filters to SS.
- JR relinquishes soil samples to SS.
- SS custody seals coolers.
1530 - All depart
1600 - SS arrives back at office. Ships today's dust filters to EMSL via FedEx.

End Day

10/13/10

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

0600 - WESTON and SET arrive at site. KS is running late.
0620 - Up-ck equipment. AD sets up SKC pumps / dust filters. Windsock out of the west. perimeter monitors will be deployed in the same locations as yesterday.
- AD calibrates MultiRae.
- Personal Monitors
O - 10YH - BR; S - 10YH - AD
- Perimeter Monitors
D1 - Downwind #1; D2 - Downwind #2; and U - Upwind.
0635 - Conduct H&S briefing.
- CUCS
- Pending increment weather
- Proper PPE
- BBS - tailgate talk / when opening excavation sites.
- Location of HASP / 1st Aid Kit.
0845 Begin drilling MSCB3
- Advance 0'-4'.
- Advance 4'-8'.
- Appears to be saturated @ 4'-5'.

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

0900 - Begin probing @ MSCP-5

- Advance 0'-4'. Water 4'. Very low recovery ~15%. Will consider the sample to be 0'-1'.

DR - backfills borehole.

- That concluded Geoprobe sampling. All that is left are the two monitoring wells MSC-1 and MSC-2. DR will advance a 2" macro-core into the well locations to obtain samples and then use HSA to advance the wells.

0905 - DR decons Geoprobe equipment with high pressure steam, alcanox soap, DI H_2O, rinse.

0920 - JS/DR collect Rinsate Blank RBOH from decon'd hollow stem auger (HSA).

0930 - Begin probing @ MSC-1

- Advance 0'-4'.

- Look sat. at 4'. DR will set well screen to ~11' bgs. 3' of it above water table.

- Advance 4'-6'.

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

Photo Log

JWL-10-14-1: Collecting RBOH.

JWL-10-14-2: Advancing HSA @ MSC-1, looking NE.

JWL-10-14-3: Installing Screen at MSC-1

JWL-10-14-4: MSC-1

JWL-10-14-5: Filling MSC 1 with Bentonite.

JWL-10-14-6: Cutting out Asphalt for Well cap.

JWL-10-14-7: Purging well.

JWL-10-14-8: Completed MSC-1

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

- Cont to AD, JR for logging, sampling, XRF.

0950 - DR begins prob. @ MSC-2

- Advance 0'-4'.
- Approx saturated ~4'-5'.
- Advance 4'-6'.
- Cont to AD, JR for logging, sampling, and XRF.
- Based on depth to saturation, MSC-1 will be advanced to 11', MSC-2 to 12'.

1005 - Begin advancing hole MSC-1

1045 - Continue augering @ MSC-1.

Late Entry: @ 0900 SS observed that the custody seals on the sample coolers were intact.

1050 - DR reports refusal @ 10'. Will send down rod to try to break up the obstruction.

1055 - SS relinquishes logbook to AD. SS and JR will depart site with samples.

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA.

1120 - DR BREAKS THRU REFUSAL AT 10' AND CONTINUES AUGERING @ MSC-1.

1130 - Augering at MSC-1 reached 11'.

1145 - DR installs 11' Screen @ MSC-1

1215 - DR Breaks for lunch and will set the pad for MSC-1 after lunch.

1245 - Return from lunch. DR finishes caping well MSC-1.

1330: DR Purges well MSC-1

1345: Complete MSC-1

1400: DR Decons all equipment.

1430: All depart site.

END OF DAY

10/14/10

AD

Location PORT RICHMOND, NYC Date 10-15-10

Project / Client JWL/EPA

0800: WESTON EPA AND SET ON SITE

Objective: START AND COMPLETE MONITOR WELL MSC-2.

WEATHER: Sunny, 58°F, wind: 5-10mph out of the Southwest.

Health and Safety: Watch out for vehicle traffic while drilling Monitoring well in parking area.

No dust monitoring today.

0830: Begin Augering MSC-2.

Auger was obstructed at roughly 1'. DR sends rod down to break up obstruction.

0845: Cleared obstruction, continue augering

- Advance 0-5'.
- Advance 5-10'.

0910: Auger advanced to 12'.

- install 12' Screen.

0945: Completed installation of 12' Monitoring well at MSC-2. Preparing to install Cap and concrete pad.

1000: SET Deconing equipment.

1035: Begin purging well.

1115: Completed concrete pad on

Location PORT RICHMOND, NYC Date 10-15-10

Project / Client JWL/EPA

Monitoring well MSC-2.

1135: SET mob ~~equipment~~ Drums across street to 2000-2012 Richmond terrace for drum storage/staging.

1145: All off site

END OF DAY

10/15/10

Location Port Richmond, NYC Date 10-19-10

Project / Client JWL / EPA

0800 Anthony Daniels (Weston) meet Kim Straiger and Stephen Hale (EPA) at EPA parking lot in Edison, NJ.

WEATHER: 60°F, Rainy.

Objective: Collect 5 aqueous samples, including a ~~Equip~~ Rinse blank, and 5 sediment samples including a duplicate off Bulkhead of 2015 Richmond Terrace Property in Kill Van Kull.

0830 Depart EPA Parking Lot for Perth ~~Am~~ Amboy boat launch.

0900 Arrive at Boat launch.

0915 Preboat Checklist complete

0930 launch boat from Perth ~~Amboy~~

1010 Arrive at sample location

1020 Collect SW-1 and Water Parameter data for SW-1 location.

1025 Collect SD-1

1030 Collect SD-1E

1055 Collect Water Paramaters at location SW-4 / SD-4.

1100 Collect SW-4

1105 Collect SD-4

1110 Collect SD/SW-4 GPS

Location Port Richmond, NYC Date 10-19-10

Project / Client JWL / EPA

1115 Arrive at location SW-3/~~SW2~~ and SD-3

1120 Collect SW-3 Water Parameters

1125 Collect SW-3

1130 Collect SD-3

1135 collect SW-3/SD-3 GPS

1140 Arrive at location SW-2/SD-2

1145 Collect SW-2 water parameters

1150 Collect SW-2

1155 collect SD-2

1200 collect GPS

1205 Complete Sediment Sampling depart Sample location for Perth Amboy boat launch.

1300 Arrive back in Perth Amboy and pull boat out of water

1320 off site

~~End of Day~~

10-19-10

Location PORT RICHMOND, NYC Date 10-19-10

Project / Client

LATE ENTRY: 1310: collect Rinsate blank RB-05 off PONAR Sampler.

END OF DAY

10/19/10

Location Jewett White Lead Co. Site Date 10/28/10

Project / Client EPA

Joseph Schmidl

0640 On site for

0705 Pete Lisichenko arrives

H&S Meeting

0720 OSC Stanger on-site

0725 Lisichenko sets up RTK unit

I check calibration on YSI 650 MDS

pH 10 = 9.48 7 = 6.97 4 = 4.42

Cond 1000 µS/cm = 988 µS/cm

0810 Peter and Kim begin sampling SW/SD-05

0834 Sediments T = 18.25°C C 0.312 mS/cm

DO = 4.02 mg/L pH = 6.33, ORP = -41.7

Turb = 5.3 NTU

0840 Did round of water levels on Pourfetto

Property PO-1 11.75 TD = 15.92 ft

PO-2 9.61 TD 16.90 ft

PO-3 dry - TD 12.2 ft

0900 Begin Sampling at PO-2 See field sheets.

11:03 SW-06 WQ Parameters T = 19.05°C

SP = 0.095 µS/cm DO = 3.27 mg/L

pH = 7.62 ORP = 68.8 Turb = 316.9 NTU

0955 Begin Sampling at well PO-1 See Field Sheets for details

11:10 Begin Sampling at well MSC-2. See Field Sheets for details.

Location Staten Island, NY Date 10/28/10

Project / Client Jewett White Lead Company Site

Joseph Schmidl

11:53 Begin Sampling at well MBC-1. See field sheets for details

12:00 Peter L. and Kim S. begin GPS Survey of Maran Property Locations

12:30 I pack samples and prepare COC.

13:30 Offsite to procure seed and coldpatch

14:00 Return to site - Peter L. and Kim are completing survey. I distribute grass seed on equipment on Perfetto Property

14:30 I walk w/ Kim S. along the lower edge of Maran property, and note several drain holes through the sheet pile wall, which allow runoff from the site to the kill.

16:00 Packed up and offsite to deliver samples to EPA DESA Lab.

17:05 Hand deliver samples to EPA DESA Lab.

Location Date

Project / Client

CONTENTS

PAGE NO.	REFERENCE	DATE

Jewett White Lead 10/7/10

0940 Begin at PO-3 Well install. Samples for XRF screening will be collected every foot.

0950 Blowcounts: 0-2 ft

2
8
11
11

} 50% recovery for this interval

Blow counts 2-4 ft.

9
8
21
25

} low recovery for this interval.

0955 S-P03-0001 collected

0957 S-P03-0102 collected

1000 S-P03-0203 collected

1002 S-P03-0304 collected

1027 There is an obstruction at approx 4 ft. Sample recovery will be low

Blowcounts for 4-6 ft

4
4
6
7

10/7/10 Jewett White lead

1029 90% recoverly for 4-6 ft
S-P03-0405 Collected
1030 S-P03-0506 Collected.
1035 Blowcounts for 6-8ft.
6
6
7
19
Moist soil at about 7.5ft.
S-P03-0607 collected.
1037 S-P03-0708 Collected
Blowcount for 8-10 ft
11
9
9
8
1040 S-P03-0809 collected
1042 S-P03-0910 collected
1100 SET will install a 10 ft Screen. The soil began to be more wet at 7.5ft but the soil up to 10 ft was not saturated. Water encountered below 8ft.

Melissa Morales

Jewett White Lead 10/7/10

1120 JWL-10-7-66: SET drilling P03 well.
1135 bedrock at approx 17 ft. SET will install well screen
1200 Sand placed in well to hold in place and packed in.
1240 Stop for lunch
1340 SET decons equipment. They will fill the P03 with bentonite later on. They will begin the next well after equipment decon.
1415 The first core for (0-5ft) P01 is brought up
1417 Second core 5-10 ft brought up
1420 S-P01-0001 collected.
1422 S-P01-0102 collected
1425 S-P01-0203 collected
1427 S-P01-0304 collected
1430 S-P01-0405 collected.
Water encountered at approx. 6.5 ft

10/7/10 Jewett White Lead
1445 S-P01-0506 Collected
1447 S-P01-0607 Collected and jarred. (Water found at 6.5 ft).
SET continues to drill and install well at location P01 —— JM
1501 SET collects soil cores 0-5 ft core, and 5-10 ft —— JM
1505 S-P02-0001 collected
1507 S-P02-0102 collected.
1510 S-P02-0203 collected
1512 S-P02-0304 collected
1515 S-P02-0405 collected.
1517 S-P02-0506 Collected Ground water encountered at approx. 6 ft at P02. This sample jarred for analysis
1518 SET completes well install at P01. They will add bentonite to this well and P03

Julia Morelli

Jewett White Lead 10/7/10
Total well depth for P03 is 17 ft. Total depth for P01 is 16 feet —— JM
1525 SET packs up and depart the site for the day.
1535 Depart the site for the day. —— JM

Julia Morelli
10/7/10

10/8/10 Jewett White Lead
0700 Arrive at the Site
0723 H+S Meeting.
Today the PO2 well installation will be completed.
0730 SET setting equipment up to begin drilling. The screen will be from 3ft - 13ft at PO2 1 ft of sand, 1 ft of bentonite, and the concrete pad will be 1 ft thick. JM
The total depth will be 13 ft.
~~0830 SET begins drilling at PO2~~ JM
0851 JWL-10-8-67: SET develops well PO3 pumping directly into drum.
JWL 10-8-68: PO3 well during development
0900 JM collects the rinsate blank from the geoprobe cutting shoe.

Jewett White Lead 10/8/10
0900 SET completes setting PO1 well with bentonite and concrete. JM
0915 Begin drilling at PO2
0922 JWL-10-8-68: SET drilling PO2
1002 Cable snaps on the rig SET will repair/replace later and continue with an alternate method.
1028 SET completes setting screen in. Next they will install manhole and concrete pad.
1115 Pump inserted into well PO1 to develop.
1200 Develop well PO2.
1335 Depart the site.

ATTACHMENT C

Chain of Custody/Traffic Reports

USEPA
DateShipped: 10/12/2010
CarrierName: FedEx
AirbillNo: ~~875~~ 8715 6304 5796

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-856-5461

No: 2-101110-202320-0001
Cooler #: 1
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	MS/MSD
	RB-01	AB-2.5	Lead	Blank	10/8/2010 0825	1	1 L poly	HNO3 pH<2	
	S-AB1.5-0405	AB-1.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1002	1	8 oz glass	Wet ice	
	S-AB1-0708	AB-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1325	1	8 oz glass	Wet ice	
	S-AB2.5-0102	AB-2.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 0838	1	8 oz glass	Wet ice	
	S-AB2.5-0304	AB-2.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 0942	1	8 oz glass	Wet ice	
	S-AB3.5-0001	AB-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 1010	1	8 oz glass	Wet ice	
	S-BC1-0001	BC-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1255	1	8 oz glass	Wet ice	
	S-C4-0102	C-4	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 1324	1	8 oz glass	Wet ice	
	S-CD1.5-0405	CD-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0825	2	8 oz glass	Wet ice	Y
	S-CD3-0001	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0942	1	8 oz glass	Wet ice	
	S-CD3-0001-E	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0942	1	8 oz glass	Wet ice	
	S-CD3-0102	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0944	1	8 oz glass	Wet ice	
	S-CD3-0203	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0946	1	8 oz glass	Wet ice	
	S-DE1-0506	DE-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0940	1	8 oz glass	Wet ice	
	S-DE1-0607	DE-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0943	1	8 oz glass	Wet ice	
	S-ZA1-0304	ZA-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1015	1	8 oz glass	Wet ice	
	S-ZA3.5-0405	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1428	1	8 oz glass	Wet ice	
	S-ZA3.5-0708	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1435	1	8 oz glass	Wet ice	
	S-ZA4-0607	ZA-4	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1336	1	8 oz glass	Wet ice	

Special Instructions: Hold excess samples for possible, future analyses.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	10/12/10	FedEx	10/12/10	1900						

USEPA
DateShipped: 10/19/10
CarrierName: FedEx
AirbillNo: 8715 6304 5590

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name:
Contact Phone:

No: 2-101810-062300-0002
Cooler #: 1 of 1
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	RB-02	Decon	Lead	Blank	10/8/2010	09:00	1	1 L poly	HNO3 pH<2	N
	RB-04	Decon	Lead	Blank	10/14/2020	09:20	1	1 L poly	HNO3 pH<2	N
	S-MSC1-0708	MSC-01	Lead, SPLP Lead, TCLP Lead	Soil	10/14/2010	10:10	1	4 oz glass jar	4 C	N
	S-MSC2-0708	MSC-02	Lead, SPLP Lead, TCLP Lead	Soil	10/14/2010	11:00	1	4 oz glass jar	4 C	N
	S-PO1-0607	PO-01	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010	14:47	1	4 oz glass jar	4 C	Y
	S-PO2-0506	PO-02	Lead, SPLP Lead, TCLP Lead	Soil	10/7 ~~10/8~~/2010	15:17	1	4 oz glass jar	4 C	N
	S-PO2-0506-E	PO-02	Lead, SPLP Lead, TCLP Lead	Soil	10/7 ~~10/8~~/2010	15:17	1	4 oz glass jar	4 C	N
	S-PO3-0910	PO-03	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010	10:42	1	4 oz glass jar	4 C	N

Special Instructions: Hold excess sample volume for possible further analysis.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	10/19/10	FedEx	10/19/10	1400						

USEPA
DateShipped: 10/19/10
CarrierName: FedEx
AirbillNo: 8715 6304 5580

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-145000-0003
Cooler #: 1 of 1
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	RB-03	Decon	Lead	Blank	10/12/2010	08:35	1	1 L poly	HNO3 pH<2	
	S-MSCB1-0102	MSCB-1	Lead, SPLP Lead, TCLP Lead	Soil	10/12/2010	10:10	2	4 oz glass jar	4 C	N
	S-MSCB1-0304	MSCB-1	Lead, SPLP Lead, TCLP Lead	Soil	10/12/2010	10:14	2	4 oz glass jar	4 C	N
	S-MSCB5-0001	MSCB-5	Lead, SPLP Lead, TCLP Lead	Soil	10/14/2010	09:16	2	4 oz glass jar	4 C	N
	S-MSCB5-0001-E	MSCB-5	Lead, SPLP Lead, TCLP Lead	Soil	10/14/2010	09:16	2	4 oz glass jar	4 C	N
	S-MSCC1-0102	MSCC-1	Lead, SPLP Lead, TCLP Lead	Soil	10/12/2010	11:20	2	4 oz glass jar	4 C	Y
	S-MSCC1-0203	MSCC-1	Lead, SPLP Lead, TCLP Lead	Soil	10/12/2010	11:22	2	4 oz glass jar	4 C	N
	S-MSCC5-0102	MSCC-5	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	13:30	2	4 oz glass jar	4 C	N
	S-MSCC5-0506	MSCC-5	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	13:42	2	4 oz glass jar	4 C	N
	S-MSCD1-0102	MSCD-1	Lead, SPLP Lead, TCLP Lead	Soil	10/12/2010	11:46	2	4 oz glass jar	4 C	N
	S-MSCD4-0304	MSCD-4	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	11:56	2	4 oz glass jar	4 C	N
	S-MSCD5-0506	MSCD-5	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	13:20	2	4 oz glass jar	4 C	N
	S-MSCF4-0405	MSCF-4	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	10:28	2	4 oz glass jar	4 C	N
	S-MSCF5-0304	MSCF-5	Lead, SPLP Lead, TCLP Lead	Soil	10/13/2010	09:46	2	4 oz glass jar	4 C	N

Special Instructions: Hold remaining sample for possible future analyses.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	10/19/10	FedEx	10/19/10	1400						

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-A5.5-0001	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0102	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0203	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0304	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0405	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-AB1.5-0001	AB-1.5	Hold	Soil	10/6/2010	09:52	1	Ziploc		N
	S-AB1.5-0102	AB-1.5	Hold	Soil	10/6/2010	09:54	1	Ziploc		N
	S-AB1.5-0203	AB-1.5	Hold	Soil	10/6/2010	09:56	1	Ziploc		N
	S-AB1.5-0304	AB-1.5	Hold	Soil	10/6/2010	10:00	1	Ziploc		N
	S-AB1.5-0405-E	AB-1.5	Hold	Soil	10/6/2010		1	Ziploc	Wet ice	
	S-AB1-0001	AB-1	Hold	Soil	10/4/2010	12:55	1	Ziploc		N
	S-AB1-0102	AB-1	Hold	Soil	10/4/2010	12:50	1	Ziploc		N
	S-AB1-0203	AB-1	Hold	Soil	10/4/2010	13:00	1	Ziploc		N
	S-AB1-0304	AB-1	Hold	Soil	10/4/2010	13:05	1	Ziploc		N
	S-AB1-0405	AB-1	Hold	Soil	10/4/2010	13:10	1	Ziploc		N
	S-AB1-0506	AB-1	Hold	Soil	10/4/2010	13:15	1	Ziploc		N
	S-AB1-0607	AB-1	Hold	Soil	10/4/2010	13:20	1	Ziploc		N
	S-BC1.5-0001	BC-1.5	Hold	Soil	10/6/2010	08:52	1	Ziploc		N
	S-BC1.5-0102	BC-1.5	Hold	Soil	10/6/2010	08:54	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-BC1.5-0203	BC-1.5	Hold	Soil	10/6/2010	08:56	1	Ziploc		N
	S-BC1.5-0304	BC-1.5	Hold	Soil	10/6/2010	09:00	1	Ziploc		N
	S-BC1.5-0405	BC-1.5	Hold	Soil	10/6/2010	09:02	1	Ziploc		N
	S-BC1.5-0405-E	BC-1.5	Hold	Soil	10/6/2010	09:02	1	Ziploc		N
	S-BC1-0102	BC-1	Hold	Soil	10/4/2010	14:03	1	Ziploc	Wet ice	
	S-BC1-0203	BC-1	Hold	Soil	10/4/2010	14:06	1	Ziploc		N
	S-BC1-0304	BC-1	Hold	Soil	10/4/2010	14:15	1	Ziploc		N
	S-BC1-0405	BC-1	Hold	Soil	10/4/2010	14:17	1	Ziploc		N
	S-BC1-0506	BC-1	Hold	Soil	10/4/2010	14:20	1	Ziploc		N
	S-BC1-0607	BC-1	Hold	Soil	10/4/2010	14:23	1	Ziploc		N
	S-BC1-0708	BC-1	Hold	Soil	10/4/2010	14:27	1	Ziploc		N
	S-BC2.5-0001	BC-2.5	Hold	Soil	10/7/2010	10:28	1	Ziploc		N
	S-BC2.5-0102	BC-2.5	Hold	Soil	10/7/2010	10:30	1	Ziploc		N
	S-BC2.5-0203	BC-2.5	Hold	Soil	10/7/2010	10:32	1	Ziploc		N
	S-BC2.5-0304	BC-2.5	Hold	Soil	10/7/2010	10:35	1	Ziploc		N
	S-BC2.5-0405	BC-2.5	Hold	Soil	10/7/2010	10:38	1	Ziploc		N
	S-CD1.5-0001	CD-1.5	Hold	Soil	10/5/2010	14:27	1	Ziploc		N
	S-CD1.5-0102	CD-1.5	Hold	Soil	10/5/2010	14:30	1	Ziploc		N
	S-CD1.5-0203	CD-1.5	Hold	Soil	10/5/2010	14:32	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-CD1.5-0304	CD-1.5	Hold	Soil	10/5/2010	14:45	1	Ziploc		N
	S-CD1.5-0506	CD-1.5	Hold	Soil	10/5/2010	14:55	1	Ziploc		N
	S-CD1-0001	CD-1	Hold	Soil	10/5/2010	08:12	1	Ziploc		N
	S-CD1-0102	CD-1	Hold	Soil	10/5/2010	08:14	1	Ziploc		N
	S-CD1-0203	CD-1	Hold	Soil	10/5/2010	08:16	1	Ziploc		N
	S-CD1-0304	CD-1	Hold	Soil	10/5/2010	08:20	1	Ziploc		N
	S-CD1-0405	CD-1	Hold	Soil	10/5/2010	08:25	1	Ziploc		N
	S-CD1-0506	CD-1	Hold	Soil	10/5/2010	08:30	1	Ziploc		N
	S-CD1-0607	CD-1	Hold	Soil	10/5/2010	08:32	1	Ziploc		N
	S-CD1-0708	CD-1	Hold	Soil	10/5/2010	08:34	1	Ziploc		N
	S-CD3-0304	CD-3	Hold	Soil	10/7/2010	09:52	1	Ziploc		N
	S-CD3-0405	CD-3	Hold	Soil	10/7/2010	09:54	1	Ziploc		N
	S-CD3-0506	CD-3	Hold	Soil	10/7/2010	09:56	1	Ziploc		N
	S-CD3-0607	CD-3	Hold	Soil	10/7/2010	09:58	1	Ziploc		N
	S-CD3-0708	CD-3	Hold	Soil	10/7/2010	10:00	1	Ziploc		N
	S-D4-0001	D-4	Hold	Soil	10/7/2010	08:52	1	Ziploc		N
	S-D4-0102	D-4	Hold	Soil	10/7/2010	08:54	1	Ziploc		N
	S-D4-0203	D-4	Hold	Soil	10/7/2010	08:56	1	Ziploc		N
	S-D4-0304	D-4	Hold	Soil	10/7/2010	09:00	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-D4-0405	D-4	Hold	Soil	10/7/2010	09:02	1	Ziploc		N
	S-D4-0506	D-4	Hold	Soil	10/7/2010	09:04	1	Ziploc		N
	S-D4-0607	D-4	Hold	Soil	10/7/2010	09:06	1	Ziploc		N
	S-D4-0708	D-4	Hold	Soil	10/7/2010	09:08	1	Ziploc		N
	S-DE1-0001	DE-1	Hold	Soil	10/5/2010	09:25	1	Ziploc		N
	S-DE1-0102	DE-1	Hold	Soil	10/5/2010	09:27	1	Ziploc		N
	S-DE1-0203	DE-1	Hold	Soil	10/5/2010	09:30	1	Ziploc		N
	S-DE1-0304	DE-1	Hold	Soil	10/5/2010	09:35	1	Ziploc		N
	S-DE1-0405	DE-1	Hold	Soil	10/5/2010	09:38	1	Ziploc		N
	S-DE1-0607-E	DE-1	Hold	Soil	10/5/2010	09:43	1	Ziploc		N
	S-DE1-0708	DE-1	Hold	Soil	10/5/2010	09:45	1	Ziploc		N
	S-DE2-0001	DE-2	Hold	Soil	10/5/2010	13:22	1	Ziploc		N
	S-DE2-0001-E	DE-2	Hold	Soil	10/5/2010	13:32	1	Ziploc		N
	S-DE2-0102	DE-2	Hold	Soil	10/5/2010	13:25	1	Ziploc		N
	S-DE2-0203	DE-2	Hold	Soil	10/5/2010	13:28	1	Ziploc		N
	S-DE2-0304	DE-2	Hold	Soil	10/5/2010	12:33	1	Ziploc		N
	S-DE2-0405	DE-2	Hold	Soil	10/5/2010	12:35	1	Ziploc		N
	S-EF2.5-0001	EF-2.5	Hold	Soil	10/5/2010	12:27	1	Ziploc		N
	S-EF2.5-0102	EF-2.5	Hold	Soil	10/5/2010	12:30	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

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USEPA
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CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-EF2.5-0203	EF-2.5	Hold	Soil	10/5/2010	12:33	1	Ziploc		N
	S-EF2.5-0304	EF-2.5	Hold	Soil	10/5/2010	12:35	1	Ziploc		N
	S-EF2.5-0405	EF-2.5	Hold	Soil	10/5/2010	12:38	1	Ziploc		N
	S-F1-0001	F-1	Hold	Soil	10/5/2010	10:28	1	Ziploc		N
	S-F1-0203	F-1	Hold	Soil	10/5/2010	10:33	1	Ziploc		N
	S-F1-0304	F-1	Hold	Soil	10/5/2010	10:35	1	Ziploc		N
	S-F1-0405	F-1	Hold	Soil	10/5/2010	10:38	1	Ziploc		N
	S-MSC1-0102	MSC-01	Hold	Soil	10/14/2010	10:00	1	Ziploc	4 C	N
	S-MSC1-0203	MSC-01	Hold	Soil	10/14/2010	10:04	1	Ziploc	4 C	N
	S-MSC1-0304	MSC-01	Hold	Soil	10/14/2010	10:08	1	Ziploc	4 C	N
	S-MSC1-0405	MSC-01	Hold	Soil	10/14/2010	10:12	1	Ziploc	4 C	N
	S-MSC1-0506	MSC-01	Hold	Soil	10/14/2010	10:16	1	Ziploc	4 C	N
	S-MSC1-0607	MSC-01	Hold	Soil	10/14/2010	10:20	1	Ziploc	4 C	N
	S-MSC1-0708-E	MSC-01	Hold	Soil	10/14/2010	10:10	1	Ziploc	4 C	N
	S-MSC2-0001	MSC-02	Hold	Soil	10/14/2010	10:48	1	Ziploc		N
	S-MSC2-0102	MSC-02	Hold	Soil	10/14/2010	10:50	1	Ziploc		N
	S-MSC2-0203	MSC-02	Hold	Soil	10/14/2010	10:52	1	Ziploc		N
	S-MSC2-0304	MSC-02	Hold	Soil	10/14/2010	10:54	1	Ziploc		N
	S-MSC2-0405	MSC-02	Hold	Soil	10/14/2010	10:56	1	Ziplock	4 C	N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
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AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSC2-0506	MSC-02	Hold	Soil	10/14/2010	10:58	1	Ziploc		N
	S-MSC2-0607	MSC-02	Hold	Soil	10/14/2010	11:00	1	Ziploc		N
	S-MSCA1-0102	MSCA-1	Hold	Soil	10/12/2010	09:47	1	Ziploc		N
	S-MSCA1-0203	MSCA-1	Hold	Soil	10/12/2010	09:49	1	Ziploc		N
	S-MSCA1-0304	MSCA-1	Hold	Soil	10/12/2010	09:51	1	Ziploc		N
	S-MSCA1-0405	MSCA-1	Hold	Soil	10/12/2010	09:53	1	Ziploc		N
	S-MSCA1-0506	MSCA-1	Hold	Soil	10/12/2010	09:55	1	Ziploc		N
	S-MSCA1-0607	MSCA-1	Hold	Soil	10/12/2010	09:57	1	Ziploc		N
	S-MSCA1-0708	MSCA-1	Hold	Soil	10/12/2010	09:59	1	Ziploc		N
	S-MSCB1-0203	MSCB-1	Hold	Soil	10/12/2010	10:12	1	Ziploc		N
	S-MSCB1-0405	MSCB-1	Hold	Soil	10/12/2010	10:16	1	Ziploc		N
	S-MSCB1-0506	MSCB-1	Hold	Soil	10/12/2010	10:18	1	Ziploc		N
	S-MSCB1-0607	MSCB-1	Hold	Soil	10/12/2010	10:20	1	Ziploc		N
	S-MSCB1-0708	MSCB-1	Hold	Soil	10/12/2010	10:22	1	Ziploc		N
	S-MSCB3-0001	MSCB-3	Hold	Soil	10/14/2010	09:00	1	Ziploc		N
	S-MSCB3-0102	MSCB-3	Hold	Soil	10/14/2010	09:02	1	Ziploc		N
	S-MSCB3-0203	MSCB-3	Hold	Soil	10/14/2010	09:04	1	Ziploc		N
	S-MSCB3-0304	MSCB-3	Hold	Soil	10/14/2010	09:06	1	Ziploc		N
	S-MSCB4-0001	MSCB-4	Hold	Soil	10/13/2010	14:38	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time		Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
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AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCB4-0102	MSCB-4	Hold	Soil	10/13/2010	14:40	1	Ziploc		N
	S-MSCB4-0203	MSCB-4	Hold	Soil	10/13/2010	14:42	1	Ziploc		N
	S-MSCC1-0304	MSCC-1	Hold	Soil	10/12/2010	11:24	1	Ziploc		N
	S-MSCC4-0001	MSCC-4	Hold	Soil	10/13/2010	13:54	1	Ziploc		N
	S-MSCC4-0102	MSCC-4	Hold	Soil	10/13/2010	13:56	1	Ziploc		N
	S-MSCC4-0203	MSCC-4	Hold	Soil	10/13/2010	13:58	1	Ziploc		N
	S-MSCC4-0304	MSCC-4	Hold	Soil	10/13/2010	14:00	1	Ziploc		N
	S-MSCC4-0405	MSCC-4	Hold	Soil	10/13/2010	14:04	1	Ziploc		N
	S-MSCC4-0506	MSCC-4	Hold	Soil	10/13/2010	14:08	1	Ziploc		N
	S-MSCC5-0203	MSCC-5	Hold	Soil	10/13/2010	13:32	1	Ziplock	4 C	N
	S-MSCC5-0304	MSCC-5	Hold	Soil	10/13/2010	13:34	1	Ziploc		N
	S-MSCC5-0405	MSCC-5	Hold	Soil	10/13/2010	13:40	1	Ziploc		N
	S-MSCC5-0607	MSCC-5	Hold	Soil	10/13/2010	13:44	1	Ziploc		N
	S-MSCC5-0708	MSCC-5	Hold	Soil	10/13/2010	13:46	1	Ziploc		N
	S-MSCD1-0203	MSCD-1	Hold	Soil	10/12/2010	11:48	1	Ziploc		N
	S-MSCD1-0304	MSCD-1	Hold	Soil	10/12/2010	11:50	1	Ziploc		N
	S-MSCD1-0405	MSCD-1	Hold	Soil	10/12/2010	11:52	1	Ziploc		N
	S-MSCD2-0001	MSCD-2	Hold	Soil	10/13/2010	11:20	1	Ziploc		N
	S-MSCD2-0102	MSCD-2	Hold	Soil	10/13/2010	11:22	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCD2-0203	MSCD-2	Hold	Soil	10/13/2010	11:24	1	Ziploc		N
	S-MSCD2-0304	MSCD-2	Hold	Soil	10/13/2010	11:26	1	Ziploc		N
	S-MSCD3-0001	MSCD-3	Hold	Soil	10/13/2010	11:40	1	Ziploc		N
	S-MSCD3-0102	MSCD-3	Hold	Soil	10/13/2010	11:42	1	Ziploc		N
	S-MSCD3-0203	MSCD-3	Hold	Soil	10/13/2010	11:44	1	Ziploc		N
	S-MSCD3-0304	MSCD-3	Hold	Soil	10/13/2010	11:46	1	Ziploc		N
	S-MSCD4-0001	MSCD-4	Hold	Soil	10/13/2010	11:50	1	Ziploc		N
	S-MSCD4-0102	MSCD-4	Hold	Soil	10/13/2010	11:52	1	Ziploc		N
	S-MSCD4-0203	MSCD-4	Hold	Soil	10/13/2010	11:54	1	Ziploc		N
	S-MSCD5-0001	MSCD-5	Hold	Soil	10/13/2010	13:02	1	Ziploc		N
	S-MSCD5-0102	MSCD-5	Hold	Soil	10/13/2010	13:04	1	Ziploc		N
	S-MSCD5-0203	MSCD-5	Hold	Soil	10/13/2010	13:06	1	Ziploc		N
	S-MSCD5-0304	MSCD-5	Hold	Soil	10/13/2010	13:08	1	Ziploc		N
	S-MSCD5-0405	MSCD-5	Hold	Soil	10/13/2010	13:10	1	Ziploc		N
	S-MSCD5-0708	MSCD-5	Hold	Soil	10/13/2010	13:24	1	Ziploc		N
	S-MSCE1-0001	MSCE-1	Hold	Soil	10/12/2010	13:30	1	Ziploc		N
	S-MSCE1-0102	MSCE-1	Hold	Soil	10/12/2010	13:34	1	Ziploc		N
	S-MSCE1-0203	MSCE-1	Hold	Soil	10/12/2010	13:36	1	Ziploc		N
	S-MSCE2-0001	MSCE-2	Hold	Soil	10/13/2010	11:00	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

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CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCE2-0102	MSCE-2	Hold	Soil	10/13/2010	11:02	1	Ziploc		N
	S-MSCE2-0203	MSCE-2	Hold	Soil	10/13/2010	11:04	1	Ziploc		N
	S-MSCE2-0304	MSCE-2	Hold	Soil	10/13/2010	11:06	1	Ziploc		N
	S-MSCE3-0001	MSCE-3	Hold	Soil	10/13/2010	10:36	1	Ziploc		N
	S-MSCE3-0102	MSCE-3	Hold	Soil	10/13/2010	10:38	1	Ziploc		N
	S-MSCE3-0203	MSCE-3	Hold	Soil	10/13/2010	10:40	1	Ziploc		N
	S-MSCE3-0304	MSCE-3	Hold	Soil	10/13/2010	10:42	1	Ziploc		N
	S-MSCE4-0001	MSCE-4	Hold	Soil	10/13/2010	09:18	1	Ziploc		N
	S-MSCE4-0102	MSCE-4	Hold	Soil	10/13/2010	09:20	1	Ziploc		N
	S-MSCE4-0203	MSCE-4	Hold	Soil	10/13/2010	09:22	1	Ziploc		N
	S-MSCE4-0304	MSCE-4	Hold	Soil	10/13/2010	09:24	1	Ziploc		N
	S-MSCE4-0405	MSCE-4	Hold	Soil	10/13/2010	09:26	1	Ziploc		N
	S-MSCF1-0001	MSCF-1	Hold	Soil	10/12/2010	14:00	1	Ziploc		N
	S-MSCF1-0102	MSCF-1	Hold	Soil	10/12/2010	14:02	1	Ziploc		N
	S-MSCF1-0203	MSCF-1	Hold	Soil	10/12/2010	14:05	1	Ziploc		N
	S-MSCF1-0304	MSCF-1	Hold	Soil	10/12/2010	14:10	1	Ziploc		N
	S-MSCF1-0405	MSCF-1	Hold	Soil	10/12/2010	14:15	1	Ziploc		N
	S-MSCF1-0506	MSCF-1	Hold	Soil	10/12/2010	14:20	1	Ziploc		N
	S-MSCF2-0001	MSCF-2	Hold	Soil	10/12/2010	14:30	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

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Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCF2-0102	MSCF-2	Hold	Soil	10/12/2010	14:32	1	Ziploc		N
	S-MSCF2-0203	MSCF-2	Hold	Soil	10/12/2010	14:34	1	Ziploc		N
	S-MSCF2-0304	MSCF-2	Hold	Soil	10/12/2010	14:36	2	Ziploc	4 C	N
	S-MSCF3-0001	MSCF-3	Hold	Soil	10/12/2010	14:46	1	Ziploc		N
	S-MSCF3-0102	MSCF-3	Hold	Soil	10/12/2010	14:50	1	Ziploc		N
	S-MSCF3-0203	MSCF-3	Hold	Soil	10/12/2010	14:52	1	Ziploc		N
	S-MSCF3-0304	MSCF-3	Hold	Soil	10/12/2010	14:54	1	Ziploc		N
	S-MSCF4-0001	MSCF-4	Hold	Soil	10/13/2010	10:18	1	Ziploc		N
	S-MSCF4-0102	MSCF-4	Hold	Soil	10/13/2010	10:20	1	Ziploc		N
	S-MSCF4-0304	MSCF-4	Hold	Soil	10/13/2010	10:24	1	Ziploc		N
	S-MSCF4-0506	MSCF-4	Hold	Soil	10/13/2010	10:30	1	Ziploc		N
	S-MSCF5-0102	MSCF-5	Hold	Soil	10/13/2010	09:40	1	Ziploc		N
	S-MSCF5-0203	MSCF-5	Hold	Soil	10/13/2010	09:42	1	Ziploc		N
	S-MSCF5-0405	MSCF-5	Hold	Soil	10/13/2010	09:50	1	Ziploc		N
	S-MSCF5-0506	MSCF-5	Hold	Soil	10/13/2010	09:52	1	Ziploc		N
	S-PO3-0001	PO-03	Hold	Soil	10/7/2010	09:55	1	Ziploc		N
	S-PO3-0102	PO-03	Hold	Soil	10/7/2010	09:57	1	Ziploc		N
	S-PO3-0203	PO-03	Hold	Soil	10/7/2010	10:00	1	Ziploc		N
	S-PO3-0203-E	PO-03	Hold	Soil	10/7/2010	10:00	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

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Jewett White Lead Company
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Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-PO3-0304	PO-03	Hold	Soil	10/7/2010	10:02	1	Ziploc		N
	S-PO3-0405	PO-03	Hold	Soil	10/7/2010	10:29	1	Ziploc		N
	S-PO3-0506	PO-03	Hold	Soil	10/7/2010	10:30	1	Ziploc		N
	S-PO3-0607	PO-03	Hold	Soil	10/7/2010	10:35	1	Ziploc		N
	S-PO3-0708	PO-03	Hold	Soil	10/7/2010	10:37	1	Ziploc		N
	S-PO3-0809	PO-03	Hold	Soil	10/7/2010	10:45	1	Ziploc		N
	S-PO3-0910-E	PO-03	Hold	Soil	10/7/2010	10:42	1	Ziploc	4 C	N
	S-ZA1-0001	ZA-1	Hold	Soil	10/4/2010	10:30	1	Ziploc		N
	S-ZA1-0102	ZA-1	Hold	Soil	10/4/2010	10:35	1	Ziploc		N
	S-ZA1-0203	ZA-1	Hold	Soil	10/4/2010	10:40	1	Ziploc		N
	S-ZA1-0405	ZA-1	Hold	Soil	10/4/2010	10:50	1	Ziploc		N
	S-ZA1-0506	ZA-1	Hold	Soil	10/4/2010	10:55	1	Ziploc		N
	S-ZA1-0607	ZA-1	Hold	Soil	10/4/2010	11:00	1	Ziploc		N
	S-ZA1-0708	ZA-1	Hold	Soil	10/4/2010	11:05	1	Ziploc		N
	S-ZA3.5-0001	ZA-3.5	Hold	Soil	10/6/2010	14:16	1	Ziploc		N
	S-ZA3.5-0102	ZA-3.5	Hold	Soil	10/6/2010	14:18	1	Ziploc		N
	S-ZA3.5-0203	ZA-3.5	Hold	Soil	10/6/2010	14:20	1	Ziploc		N
	S-ZA3.5-0304	ZA-3.5	Hold	Soil	10/6/2010	14:25	1	Ziploc		N
	S-ZA3.5-0506	ZA-3.5	Hold	Soil	10/6/2010	14:30	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-ZA3.5-0607	ZA-3.5	Hold	Soil	10/6/2010	14:32	1	Ziploc		N
	S-ZA3.5-0708-E	ZA-3.5	Hold	Soil	10/6/2010	14:35	1	Ziploc	Wet ice	
	S-ZA4-0001	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0102	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0203	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0304	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0405	ZA-4	Hold	Soil	10/6/2010	13:08	1	Ziploc		N
	S-ZA4-0405-E	ZA-4	Hold	Soil	10/6/2010	13:08	1	Ziploc		N
	S-ZA4-0506	ZA-4	Hold	Soil	10/6/2010	13:34	1	Ziploc		N
	S-ZA4-0708	ZA-4	Hold	Soil	10/6/2010	13:40	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
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CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-A5.5-0001	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0102	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0203	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0304	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-A5.5-0405	A-5.5	Hold	Soil	10/6/2010		1	Ziploc		N
	S-AB1.5-0001	AB-1.5	Hold	Soil	10/6/2010	09:52	1	Ziploc		N
	S-AB1.5-0102	AB-1.5	Hold	Soil	10/6/2010	09:54	1	Ziploc		N
	S-AB1.5-0203	AB-1.5	Hold	Soil	10/6/2010	09:56	1	Ziploc		N
	S-AB1.5-0304	AB-1.5	Hold	Soil	10/6/2010	10:00	1	Ziploc		N
	S-AB1-0001	AB-1	Hold	Soil	10/4/2010	12:55	1	Ziploc		N
	S-AB1-0102	AB-1	Hold	Soil	10/4/2010	12:50	1	Ziploc		N
	S-AB1-0203	AB-1	Hold	Soil	10/4/2010	13:00	1	Ziploc		N
	S-AB1-0304	AB-1	Hold	Soil	10/4/2010	13:05	1	Ziploc		N
	S-AB1-0405	AB-1	Hold	Soil	10/4/2010	13:10	1	Ziploc		N
	S-AB1-0506	AB-1	Hold	Soil	10/4/2010	13:15	1	Ziploc		N
	S-AB1-0607	AB-1	Hold	Soil	10/4/2010	13:20	1	Ziploc		N
	S-BC1.5-0001	BC-1.5	Hold	Soil	10/6/2010	08:52	1	Ziploc		N
	S-BC1.5-0102	BC-1.5	Hold	Soil	10/6/2010	08:54	1	Ziploc		N
	S-BC1.5-0203	BC-1.5	Hold	Soil	10/6/2010	08:56	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
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AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-BC1.5-0304	BC-1.5	Hold	Soil	10/6/2010	09:00	1	Ziploc		N
	S-BC1.5-0405	BC-1.5	Hold	Soil	10/6/2010	09:02	1	Ziploc		N
	S-BC1.5-0405-E	BC-1.5	Hold	Soil	10/6/2010	09:02	1	Ziploc		N
	S-BC1-0203	BC-1	Hold	Soil	10/4/2010	14:06	1	Ziploc		N
	S-BC1-0304	BC-1	Hold	Soil	10/4/2010	14:15	1	Ziploc		N
	S-BC1-0405	BC-1	Hold	Soil	10/4/2010	14:17	1	Ziploc		N
	S-BC1-0506	BC-1	Hold	Soil	10/4/2010	14:20	1	Ziploc		N
	S-BC1-0607	BC-1	Hold	Soil	10/4/2010	14:23	1	Ziploc		N
	S-BC1-0708	BC-1	Hold	Soil	10/4/2010	14:27	1	Ziploc		N
	S-BC2.5-0001	BC-2.5	Hold	Soil	10/7/2010	10:28	1	Ziploc		N
	S-BC2.5-0102	BC-2.5	Hold	Soil	10/7/2010	10:30	1	Ziploc		N
	S-BC2.5-0203	BC-2.5	Hold	Soil	10/7/2010	10:32	1	Ziploc		N
	S-BC2.5-0304	BC-2.5	Hold	Soil	10/7/2010	10:35	1	Ziploc		N
	S-BC2.5-0405	BC-2.5	Hold	Soil	10/7/2010	10:38	1	Ziploc		N
	S-CD1.5-0001	CD-1.5	Hold	Soil	10/5/2010	14:27	1	Ziploc		N
	S-CD1.5-0102	CD-1.5	Hold	Soil	10/5/2010	14:30	1	Ziploc		N
	S-CD1.5-0203	CD-1.5	Hold	Soil	10/5/2010	14:32	1	Ziploc		N
	S-CD1.5-0304	CD-1.5	Hold	Soil	10/5/2010	14:45	1	Ziploc		N
	S-CD1.5-0506	CD-1.5	Hold	Soil	10/5/2010	14:55	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-CD1-0001	CD-1	Hold	Soil	10/5/2010	08:12	1	Ziploc		N
	S-CD1-0102	CD-1	Hold	Soil	10/5/2010	08:14	1	Ziploc		N
	S-CD1-0203	CD-1	Hold	Soil	10/5/2010	08:16	1	Ziploc		N
	S-CD1-0304	CD-1	Hold	Soil	10/5/2010	08:20	1	Ziploc		N
	S-CD1-0405	CD-1	Hold	Soil	10/5/2010	08:25	1	Ziploc		N
	S-CD1-0506	CD-1	Hold	Soil	10/5/2010	08:30	1	Ziploc		N
	S-CD1-0607	CD-1	Hold	Soil	10/5/2010	08:32	1	Ziploc		N
	S-CD1-0708	CD-1	Hold	Soil	10/5/2010	08:34	1	Ziploc		N
	S-CD3-0304	CD-3	Hold	Soil	10/7/2010	09:52	1	Ziploc		N
	S-CD3-0405	CD-3	Hold	Soil	10/7/2010	09:54	1	Ziploc		N
	S-CD3-0506	CD-3	Hold	Soil	10/7/2010	09:56	1	Ziploc		N
	S-CD3-0607	CD-3	Hold	Soil	10/7/2010	09:58	1	Ziploc		N
	S-CD3-0708	CD-3	Hold	Soil	10/7/2010	10:00	1	Ziploc		N
	S-D4-0001	D-4	Hold	Soil	10/7/2010	08:52	1	Ziploc		N
	S-D4-0102	D-4	Hold	Soil	10/7/2010	08:54	1	Ziploc		N
	S-D4-0203	D-4	Hold	Soil	10/7/2010	08:56	1	Ziploc		N
	S-D4-0304	D-4	Hold	Soil	10/7/2010	09:00	1	Ziploc		N
	S-D4-0405	D-4	Hold	Soil	10/7/2010	09:02	1	Ziploc		N
	S-D4-0506	D-4	Hold	Soil	10/7/2010	09:04	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-D4-0607	D-4	Hold	Soil	10/7/2010	09:06	1	Ziploc		N
	S-D4-0708	D-4	Hold	Soil	10/7/2010	09:08	1	Ziploc		N
	S-DE1-0001	DE-1	Hold	Soil	10/5/2010	09:25	1	Ziploc		N
	S-DE1-0102	DE-1	Hold	Soil	10/5/2010	09:27	1	Ziploc		N
	S-DE1-0203	DE-1	Hold	Soil	10/5/2010	09:30	1	Ziploc		N
	S-DE1-0304	DE-1	Hold	Soil	10/5/2010	09:35	1	Ziploc		N
	S-DE1-0405	DE-1	Hold	Soil	10/5/2010	09:38	1	Ziploc		N
	S-DE1-0708	DE-1	Hold	Soil	10/5/2010	09:45	1	Ziploc		N
	S-DE2-0001	DE-2	Hold	Soil	10/5/2010	13:22	1	Ziploc		N
	S-DE2-0001-E	DE-2	Hold	Soil	10/5/2010	13:32	1	Ziploc		N
	S-DE2-0102	DE-2	Hold	Soil	10/5/2010	13:25	1	Ziploc		N
	S-DE2-0203	DE-2	Hold	Soil	10/5/2010	13:28	1	Ziploc		N
	S-DE2-0304	DE-2	Hold	Soil	10/5/2010	12:33	1	Ziploc		N
	S-DE2-0405	DE-2	Hold	Soil	10/5/2010	12:35	1	Ziploc		N
	S-EF2.5-0001	EF-2.5	Hold	Soil	10/5/2010	12:27	1	Ziploc		N
	S-EF2.5-0102	EF-2.5	Hold	Soil	10/5/2010	12:30	1	Ziploc		N
	S-EF2.5-0203	EF-2.5	Hold	Soil	10/5/2010	12:33	1	Ziploc		N
	S-EF2.5-0304	EF-2.5	Hold	Soil	10/5/2010	12:35	1	Ziploc		N
	S-EF2.5-0405	EF-2.5	Hold	Soil	10/5/2010	12:38	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Stalger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-F1-0001	F-1	Hold	Soil	10/5/2010	10:28	1	Ziploc		N
	S-F1-0203	F-1	Hold	Soil	10/5/2010	10:33	1	Ziploc		N
	S-F1-0304	F-1	Hold	Soil	10/5/2010	10:35	1	Ziploc		N
	S-F1-0405	F-1	Hold	Soil	10/5/2010	10:38	1	Ziploc		N
	S-MSC1-0102	MSC-01	Hold	Soil	10/14/2010	10:00	1	Ziploc	4 C	N
	S-MSC1-0203	MSC-01	Hold	Soil	10/14/2010	10:04	1	Ziploc	4 C	N
	S-MSC1-0304	MSC-01	Hold	Soil	10/14/2010	10:08	1	Ziploc	4 C	N
	S-MSC1-0405	MSC-01	Hold	Soil	10/14/2010	10:12	1	Ziploc	4 C	N
	S-MSC1-0506	MSC-01	Hold	Soil	10/14/2010	10:16	1	Ziploc	4 C	N
	S-MSC1-0607	MSC-01	Hold	Soil	10/14/2010	10:20	1	Ziploc	4 C	N
	S-MSC2-0001	MSC-02	Hold	Soil	10/14/2010	10:48	1	Ziploc		N
	S-MSC2-0102	MSC-02	Hold	Soil	10/14/2010	10:50	1	Ziploc		N
	S-MSC2-0203	MSC-02	Hold	Soil	10/14/2010	10:52	1	Ziploc		N
	S-MSC2-0304	MSC-02	Hold	Soil	10/14/2010	10:54	1	Ziploc		N
	S-MSC2-0405	MSC-02	Hold	Soil	10/14/2010	10:56	1	Ziplock	4 C	N
	S-MSC2-0506	MSC-02	Hold	Soil	10/14/2010	10:58	1	Ziploc		N
	S-MSC2-0607	MSC-02	Hold	Soil	10/14/2010	11:00	1	Ziploc		N
	S-MSCA1-0102	MSCA-1	Hold	Soil	10/12/2010	09:47	1	Ziploc		N
	S-MSCA1-0203	MSCA-1	Hold	Soil	10/12/2010	09:49	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

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USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCA1-0304	MSCA-1	Hold	Soil	10/12/2010	09:51	1	Ziploc		N
	S-MSCA1-0405	MSCA-1	Hold	Soil	10/12/2010	09:53	1	Ziploc		N
	S-MSCA1-0506	MSCA-1	Hold	Soil	10/12/2010	09:55	1	Ziploc		N
	S-MSCA1-0607	MSCA-1	Hold	Soil	10/12/2010	09:57	1	Ziploc		N
	S-MSCA1-0708	MSCA-1	Hold	Soil	10/12/2010	09:59	1	Ziploc		N
	S-MSCB1-0203	MSCB-1	Hold	Soil	10/12/2010	10:12	1	Ziploc		N
	S-MSCB1-0405	MSCB-1	Hold	Soil	10/12/2010	10:16	1	Ziploc		N
	S-MSCB1-0506	MSCB-1	Hold	Soil	10/12/2010	10:18	1	Ziploc		N
	S-MSCB1-0607	MSCB-1	Hold	Soil	10/12/2010	10:20	1	Ziploc		N
	S-MSCB1-0708	MSCB-1	Hold	Soil	10/12/2010	10:22	1	Ziploc		N
	S-MSCB3-0001	MSCB-3	Hold	Soil	10/14/2010	09:00	1	Ziploc		N
	S-MSCB3-0102	MSCB-3	Hold	Soil	10/14/2010	09:02	1	Ziploc		N
	S-MSCB3-0203	MSCB-3	Hold	Soil	10/14/2010	09:04	1	Ziploc		N
	S-MSCB3-0304	MSCB-3	Hold	Soil	10/14/2010	09:06	1	Ziploc		N
	S-MSCB4-0102	MSCB-4	Hold	Soil	10/13/2010	14:40	1	Ziploc		N
	S-MSCB4-0203	MSCB-4	Hold	Soil	10/13/2010	14:42	1	Ziploc		N
	S-MSCC1-0304	MSCC-1	Hold	Soil	10/12/2010	11:24	1	Ziploc		N
	S-MSCC1-0405	MSCC-1	Hold	Soil	10/12/2010	11:26	2	Ziploc	4 C	N
	S-MSCC4-0001	MSCC-4	Hold	Soil	10/13/2010	13:54	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCC4-0102	MSCC-4	Hold	Soil	10/13/2010	13:56	1	Ziploc		N
	S-MSCC4-0203	MSCC-4	Hold	Soil	10/13/2010	13:58	1	Ziploc		N
	S-MSCC4-0304	MSCC-4	Hold	Soil	10/13/2010	14:00	1	Ziploc		N
	S-MSCC4-0405	MSCC-4	Hold	Soil	10/13/2010	14:04	1	Ziploc		N
	S-MSCC4-0506	MSCC-4	Hold	Soil	10/13/2010	14:08	1	Ziploc		N
	S-MSCC5-0203	MSCC-5	Hold	Soil	10/13/2010	13:32	1	Ziplock	4 C	N
	S-MSCC5-0304	MSCC-5	Hold	Soil	10/13/2010	13:34	1	Ziploc		N
	S-MSCC5-0405	MSCC-5	Hold	Soil	10/13/2010	13:40	1	Ziploc		N
	S-MSCC5-0607	MSCC-5	Hold	Soil	10/13/2010	13:44	1	Ziploc		N
	S-MSCC5-0708	MSCC-5	Hold	Soil	10/13/2010	13:46	1	Ziploc		N
	S-MSCD1-0203	MSCD-1	Hold	Soil	10/12/2010	11:48	1	Ziploc		N
	S-MSCD1-0304	MSCD-1	Hold	Soil	10/12/2010	11:50	1	Ziploc		N
	S-MSCD1-0405	MSCD-1	Hold	Soil	10/12/2010	11:52	1	Ziploc		N
	S-MSCD2-0001	MSCD-2	Hold	Soil	10/13/2010	11:20	1	Ziploc		N
	S-MSCD2-0102	MSCD-2	Hold	Soil	10/13/2010	11:22	1	Ziploc		N
	S-MSCD2-0203	MSCD-2	Hold	Soil	10/13/2010	11:24	1	Ziploc		N
	S-MSCD2-0304	MSCD-2	Hold	Soil	10/13/2010	11:26	1	Ziploc		N
	S-MSCD3-0001	MSCD-3	Hold	Soil	10/13/2010	11:40	1	Ziploc		N
	S-MSCD3-0102	MSCD-3	Hold	Soil	10/13/2010	11:42	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
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AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCD3-0203	MSCD-3	Hold	Soil	10/13/2010	11:44	1	Ziploc		N
	S-MSCD3-0304	MSCD-3	Hold	Soil	10/13/2010	11:46	1	Ziploc		N
	S-MSCD4-0001	MSCD-4	Hold	Soil	10/13/2010	11:50	1	Ziploc		N
	S-MSCD4-0102	MSCD-4	Hold	Soil	10/13/2010	11:52	1	Ziploc		N
	S-MSCD4-0203	MSCD-4	Hold	Soil	10/13/2010	11:54	1	Ziploc		N
	S-MSCD5-0102	MSCD-5	Hold	Soil	10/13/2010	13:04	1	Ziploc		N
	S-MSCD5-0203	MSCD-5	Hold	Soil	10/13/2010	13:06	1	Ziploc		N
	S-MSCD5-0304	MSCD-5	Hold	Soil	10/13/2010	13:08	1	Ziploc		N
	S-MSCD5-0405	MSCD-5	Hold	Soil	10/13/2010	13:10	1	Ziploc		N
	S-MSCD5-0708	MSCD-5	Hold	Soil	10/13/2010	13:24	1	Ziploc		N
	S-MSCE1-0001	MSCE-1	Hold	Soil	10/12/2010	13:30	1	Ziploc		N
	S-MSCE1-0102	MSCE-1	Hold	Soil	10/12/2010	13:34	1	Ziploc		N
	S-MSCE1-0203	MSCE-1	Hold	Soil	10/12/2010	13:36	1	Ziploc		N
	S-MSCE2-0001	MSCE-2	Hold	Soil	10/13/2010	11:00	1	Ziploc		N
	S-MSCE2-0102	MSCE-2	Hold	Soil	10/13/2010	11:02	1	Ziploc		N
	S-MSCE2-0203	MSCE-2	Hold	Soil	10/13/2010	11:04	1	Ziploc		N
	S-MSCE2-0304	MSCE-2	Hold	Soil	10/13/2010	11:06	1	Ziploc		N
	S-MSCE3-0102	MSCE-3	Hold	Soil	10/13/2010	10:38	1	Ziploc		N
	S-MSCE3-0203	MSCE-3	Hold	Soil	10/13/2010	10:40	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCE3-0304	MSCE-3	Hold	Soil	10/13/2010	10:42	1	Ziploc		N
	S-MSCE4-0001	MSCE-4	Hold	Soil	10/13/2010	09:18	1	Ziploc		N
	S-MSCE4-0102	MSCE-4	Hold	Soil	10/13/2010	09:20	1	Ziploc		N
	S-MSCE4-0203	MSCE-4	Hold	Soil	10/13/2010	09:22	1	Ziploc		N
	S-MSCE4-0304	MSCE-4	Hold	Soil	10/13/2010	09:24	1	Ziploc		N
	S-MSCE4-0405	MSCE-4	Hold	Soil	10/13/2010	09:26	1	Ziploc		N
	S-MSCF1-0001	MSCF-1	Hold	Soil	10/12/2010	14:00	1	Ziploc		N
	S-MSCF1-0102	MSCF-1	Hold	Soil	10/12/2010	14:02	1	Ziploc		N
	S-MSCF1-0203	MSCF-1	Hold	Soil	10/12/2010	14:05	1	Ziploc		N
	S-MSCF1-0304	MSCF-1	Hold	Soil	10/12/2010	14:10	1	Ziploc		N
	S-MSCF1-0405	MSCF-1	Hold	Soil	10/12/2010	14:15	1	Ziploc		N
	S-MSCF1-0506	MSCF-1	Hold	Soil	10/12/2010	14:20	1	Ziploc		N
	S-MSCF2-0001	MSCF-2	Hold	Soil	10/12/2010	14:30	1	Ziploc		N
	S-MSCF2-0102	MSCF-2	Hold	Soil	10/12/2010	14:32	1	Ziploc		N
	S-MSCF2-0203	MSCF-2	Hold	Soil	10/12/2010	14:34	1	Ziploc		N
	S-MSCF2-0304	MSCF-2	Hold	Soil	10/12/2010	14:36	2	Ziploc	4 C	N
	S-MSCF3-0001	MSCF-3	Hold	Soil	10/12/2010	14:46	1	Ziploc		N
	S-MSCF3-0102	MSCF-3	Hold	Soil	10/12/2010	14:50	1	Ziploc		N
	S-MSCF3-0203	MSCF-3	Hold	Soil	10/12/2010	14:52	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-MSCF3-0304	MSCF-3	Hold	Soil	10/12/2010	14:54	1	Ziploc		N
	S-MSCF4-0102	MSCF-4	Hold	Soil	10/13/2010	10:20	1	Ziploc		N
	S-MSCF4-0304	MSCF-4	Hold	Soil	10/13/2010	10:24	1	Ziploc		N
	S-MSCF4-0506	MSCF-4	Hold	Soil	10/13/2010	10:30	1	Ziploc		N
	S-MSCF5-0102	MSCF-5	Hold	Soil	10/13/2010	09:40	1	Ziploc		N
	S-MSCF5-0203	MSCF-5	Hold	Soil	10/13/2010	09:42	1	Ziploc		N
	S-MSCF5-0405	MSCF-5	Hold	Soil	10/13/2010	09:50	1	Ziploc		N
	S-MSCF5-0506	MSCF-5	Hold	Soil	10/13/2010	09:52	1	Ziploc		N
	S-PO3-0001	PO-03	Hold	Soil	10/7/2010	09:55	1	Ziploc		N
	S-PO3-0102	PO-03	Hold	Soil	10/7/2010	09:57	1	Ziploc		N
	S-PO3-0203	PO-03	Hold	Soil	10/7/2010	10:00	1	Ziploc		N
	S-PO3-0203-E	PO-03	Hold	Soil	10/7/2010	10:00	1	Ziploc		N
	S-PO3-0304	PO-03	Hold	Soil	10/7/2010	10:02	1	Ziploc		N
	S-PO3-0405	PO-03	Hold	Soil	10/7/2010	10:29	1	Ziploc		N
	S-PO3-0506	PO-03	Hold	Soil	10/7/2010	10:30	1	Ziploc		N
	S-PO3-0607	PO-03	Hold	Soil	10/7/2010	10:35	1	Ziploc		N
	S-PO3-0708	PO-03	Hold	Soil	10/7/2010	10:37	1	Ziploc		N
	S-PO3-0809	PO-03	Hold	Soil	10/7/2010	10:45	1	Ziploc		N
	S-ZA1-0001	ZA-1	Hold	Soil	10/4/2010	10:30	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-ZA1-0102	ZA-1	Hold	Soil	10/4/2010	10:35	1	Ziploc		N
	S-ZA1-0203	ZA-1	Hold	Soil	10/4/2010	10:40	1	Ziploc		N
	S-ZA1-0405	ZA-1	Hold	Soil	10/4/2010	10:50	1	Ziploc		N
	S-ZA1-0506	ZA-1	Hold	Soil	10/4/2010	10:55	1	Ziploc		N
	S-ZA1-0607	ZA-1	Hold	Soil	10/4/2010	11:00	1	Ziploc		N
	S-ZA1-0708	ZA-1	Hold	Soil	10/4/2010	11:05	1	Ziploc		N
	S-ZA3.5-0001	ZA-3.5	Hold	Soil	10/6/2010	14:16	1	Ziploc		N
	S-ZA3.5-0102	ZA-3.5	Hold	Soil	10/6/2010	14:18	1	Ziploc		N
	S-ZA3.5-0203	ZA-3.5	Hold	Soil	10/6/2010	14:20	1	Ziploc		N
	S-ZA3.5-0304	ZA-3.5	Hold	Soil	10/6/2010	14:25	1	Ziploc		N
	S-ZA3.5-0506	ZA-3.5	Hold	Soil	10/6/2010	14:30	1	Ziploc		N
	S-ZA3.5-0607	ZA-3.5	Hold	Soil	10/6/2010	14:32	1	Ziploc		N
	S-ZA4-0001	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0102	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0203	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0304	ZA-4	Hold	Soil	10/6/2010		1	Ziploc		N
	S-ZA4-0405	ZA-4	Hold	Soil	10/6/2010	13:08	1	Ziploc		N
	S-ZA4-0405-E	ZA-4	Hold	Soil	10/6/2010	13:08	1	Ziploc		N
	S-ZA4-0506	ZA-4	Hold	Soil	10/6/2010	13:34	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-101810-152126-0004
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	S-ZA4-0708	ZA-4	Hold	Soil	10/6/2010	13:40	1	Ziploc		N

Special Instructions: Hold all samples for possible future analysis, per OSC Staiger.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA
DateShipped:
CarrierName:
AirbillNo:

CHAIN OF CUSTODY RECORD
Jewett White Lead Company
Contact Name: Joseph Schmidl
Contact Phone: 603-656-5461

No: 2-102010-054200-0005
Cooler #:
Lab: EPA Region 2 Laboratory
Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	RB-05	Decon	Lead	Blank	10/19/2020	09:20	1	1 L poly	HNO3 pH<2	N
	SD-01	SW/SD-01	Lead	Sediment	10/19/2010	10:25	1	4 oz glass jar	4 C	Y
	SD-02	SW/SD-02	Lead	Sediment	10/19/2010	11:55	1	4 oz glass jar	4 C	N
	SD-03	SW/SD-03	Lead	Sediment	10/19/2010	11:30	1	4 oz glass jar	4 C	N
	SD-04	SW/SD-04	Lead	Sediment	10/19/2010	11:05	1	4 oz glass jar	4 C	N
	SD-O1-E	SW/SD-01	Lead	Sediment	10/19/2010	10:25	1	4 oz glass jar	4 C	N
	SW-01	SW/SD-01	Lead	Surface Water	10/19/2010	10:20	1	1L poly bottle	HNO3 pH<2	N
	SW-02	SW/SD-02	Lead	Surface Water	10/19/2010	11:50	1	1L poly bottle	HNO3 pH<2	N
	SW-03	SW/SD-03	Lead	Surface Water	10/19/2010	11:25	1	1L poly bottle	HNO3 pH<2	N
	SW-04	SW/SD-04	Lead	Surface Water	10/19/2010	11:00	1	1L poly bottle	HNO3 pH<2	N

Special Instructions: Hold exess sample for possible future analysis.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time

USEPA

DateShipped: 10/28/2010

CarrierName: ~~FedEx~~ Delivered by Hand

AirbillNo:

CHAIN OF CUSTODY RECORD

Jewett White Lead Company

Contact Name: Joseph Schmidt

Contact Phone: 603-656-5461

No: 2-102710-113546-0006

Cooler #:

Lab: EPA Region 2 Laboratory

Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	GW-MSC1-1010	MSC-01	Lead	Ground Water	10/28/2010	12:13	1	1 L poly	HNO3 pH<2	N
	GW-MSC2-1010	MSC-02	Lead	Ground Water	10/28/2010	11:25	1	1 L poly	HNO3 pH<2	N
	GW-PC1-1010	PO-01	Lead	Ground Water	10/28/2010	10:20	2	1 L poly	HNO3 pH<2	Y
	GW-PC2-1010	PO-02	Lead	Ground Water	10/28/2010	09:28	1	1 L poly	HNO3 pH<2	N
	GW-PC2-1010-E	PO-02	Lead	Ground Water	10/28/2010	09:28	1	1 L poly	HNO3 pH<2	N
	RB-06	Decor	Lead	Blank	10/28/2010	13:00	1	1 L poly	HNO3 pH<2	N
	RB-07	Decor	Lead	Blank	10/28/2010	13:10	1	1 L poly	HNO3 pH<2	N
	SD-05	SW/SD-05	Lead	Sediment	10/28/2010	08:50	2	4 oz glass jar	4 C	Y
	SD-05-E	SW/SD-05	Lead	Sediment	10/28/2010	08:55	1	4 oz glass jar	4 C	N
	SD-06	SW/SD-06	Lead	Sediment	10/28/2010	11:05	1	4 oz glass jar	4 C	N
	SW-05	SW/SD-05	Lead	Surface Water	10/28/2010	08:35	2	1L poly bottle	HNO3 pH<2	Y
	SW-05-E	SW/SD-05	Lead	Surface Water	10/28/2010	08:40	1	1L poly bottle	HNO3 pH<2	N
	SW-06	SW/SD-06	Lead	Surface Water	10/28/2010	11:00	1	1L poly bottle	HNO3 pH<2	N

Special Instructions: Hold excess solid sample for possible future analysis.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	10/28/10	M. Peña	10/28/10	17:05						

201013938

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201013938

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 45 Constitution Dr., Suite 100		*Third Party Billing requires written authorization from third party*	
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

Name of Sampler: Joseph Schmidl | **Signature of Sampler:** [signature]

	Sample #	Location	Volume/Area	Date/Time Sampled
1	U-1004	0755-1455	7hr	10/4/10 0755
2	D1-1004	0755-1455		0755
3	D2-1004	0755-1455		0755
4	Sonder 1-1004	1000-1450		1000
5	Operator 1-1004	1005-1450		1005

Client Sample #'s | **Total # of Samples:** 5

Relinquished (Client): [signature]		**Date:**	10/4/10	**Time:** 16:00	
Received (Lab): [signature]		**Date:**	10/5/10	**Time:**	

Comments:

Controlled Document - Lead (Pb) COC - R2- 1/12/2010

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):*

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Company: Weston Solutions, Inc.	EMSL-Bill to: ☐ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 1090 King Georges Post Rd	
City: Edison / State/Province: NJ	Zip/Postal Code: 08837 / Country: USA
Report To (Name): Joe Schmidl	Fax #:
Telephone #: 603 455 0946	Email Address: Joe.Schmidl@weston
Project Name/Number: J Swift White Lead	
Please Provide Results: ☐ Fax ☐ Email	Purchase Order: / U.S. State Samples Taken:

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other:	Preservation Method (Water):
Name of Sampler:	Signature of Sampler:

Sample #	Location	Volume/Area	Date/Time Sampled
D1-1005	Downwind #1		10/5/10 0700-1500
D2-1005	Downwind #2		"
U-1005	Upwind #1		"
S-1005	Sampler		"
O-1005	Operator		"
			"

Client Sample #'s	-			Total # of Samples:	
Relinquished (Client):	[signature]	Date:	10/5/10	Time:	1700
Received (Lab):		Date:		Time:	

Comments:

01014064

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201014064

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company : Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 45 Constitution Dr., Suite 100			
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

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

	Sample #	Location	Volume/Area	Date/Time Sampled
1	U-1006	Upwind		10/6/10 0700-1500
2	D1-1006	Downwind 1		
3	D2-1006	Downwind 2		
4	S-1006	Sampler		
5	O-1006	Operator		

Client Sample #'s				**Total # of Samples:**	5
Relinquished (Client):	[signature]	**Date:**	10/6/10	**Time:**	1706
Received (Lab):	[signature]	**Date:**	10/7/10	**Time:**	
Comments:					

201014131

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201014131

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 45 Constitution Dr., Suite 100		*Third Party Billing requires written authorization from third party*	
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

Name of Sampler: Scott Snyder | **Signature of Sampler:** [signature]

	Sample #	Location	Volume/Area	Date/Time Sampled
1	S-1007	Sampler		10/7/10 0900-1500
2	O-1007	Operator		"
3	D1-1007	Downwind #1		"
4	D2-1007	Downwind #2		"
5	U-1007	Upwind		"
6	O2-1007	Operator #2		10/7/10 0930-1500

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

Relinquished (Client): [signature]		**Date:**	10/7/10	**Time:** 1700	
Received (Lab): [signature]		**Date:**	10/8/10	**Time:**	

Comments:

Controlled Document — Lead (Pb) COC R9- 1/12/2010

201014196

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201014196

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 45 Constitution Dr., Suite 100		*Third Party Billing requires written authorization from third party*	
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

Name of Sampler: Scott Snyder | **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
U-100%	Upwind		10-8-10 0700-1300
D1-100%	Downwind #1		"
D2-100%	Downwind #2		"
S-100%	Sampler		"
O-100%	Operator #1		"
O2-100%	Operator #2		"

Client Sample #'s: - | **Total # of Samples:** 5

Relinquished (Client):		**Date:**	10/8/10	**Time:**	1700
Received (Lab):		**Date:**	10/11/10	**Time:**	

Comments:

01014324

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 2010143 24

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 45 Constitution Dr., Suite 100		*Third Party Billing requires written authorization from third party*	
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

Name of Sampler: Scott Snyder | **Signature of Sampler:** [signature]

	Sample #	Location	Volume/Area	Date/Time Sampled
1	O-1012	Operator		8-12-10 0900 - 1500
2	S-1012	Sampler		
3	D1-1012	Downwind #1		
4	D2-1012	Downwind #2		
5	U-1012	Upwind		

Client Sample #'s	-			**Total # of Samples:**	5
Relinquished (Client):	[signature]	**Date:**	10/12/10	**Time:**	1700
Received (Lab):	[signature]	**Date:**	10/13/10	**Time:**	1:12 PM

Comments:

01014380

EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 2010438

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 45 Constitution Dr., Suite 100	
City: Concord **State/Province:** NH	**Zip/Postal Code:** 03301 **Country:** USA
Report To (Name): Joseph Schmidl	**Fax #:** 603/656-5401
Telephone #: 603/656-5461	**Email Address:** Joseph.Schmidl@WestonSolutions.com
Project Name/Number: Jewett White Lead Company	
Please Provide Results: ☐ Fax ☒ Email **Purchase Order:**	**U.S. State Samples Taken:** NY

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: **Preservation Method (Water):** n/a

Name of Sampler: Scott Snyder **Signature of Sampler:** [signature]

Sample #	Location	Volume/Area	Date/Time Sampled
U-1013	Upwind		10-13-10 0930 - 1500
D1-1013	Downwind #1		"
D2-1013	Downwind #2		"
S-1013	Sampler		10-13-10 0930 - 1500
O-1013	Operator		10-13-10 0930 - 1500

Client Sample #'s **Total # of Samples:** 5

Relinquished (Client):	[signature]	**Date:**	10/13/10	**Time:**	1700
Received (Lab):	[signature]	**Date:**	10/14/10	**Time:**	1042 hr

Comments:

201014584

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201014584

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

Company: Weston Solutions, Inc.	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**
Street: 45 Constitution Dr., Suite 100	*Third Party Billing requires written authorization from third party*
City: Concord **State/Province:** NH	**Zip/Postal Code:** 03301 **Country:** USA
Report To (Name): Joseph Schmidl	**Fax #:** 603/656-5401
Telephone #: 603/656-5461	**Email Address:** Joseph.Schmidl@WestonSolutions.com
Project Name/Number: Jewett White Lead Company	
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:** **U.S. State Samples Taken:** NY

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: **Preservation Method (Water):** n/a

Name of Sampler: Anthony Daniels **Signature of Sampler:** Anthony Daniels

	Sample #	Location	Volume/Area	Date/Time Sampled
1	O-1014	Operator	0900-1300 @ 2.25 flow rate	10/14/10
2	S-1014	Sampler	0900-1300 @ 2.25 flow rate	10/14/10
3	U-1014	Upwind	0830-1300 @ 2.26 flow	10/14/10
4	D1-1014	Downwind 1	0830-1300 @ 2.25 flowrate	10/14/10
5	D2-1014	Downwind 2	0830-1300 @ 2.25 flowrate	10/14/10

Client Sample #'s - **Total # of Samples:** 5

Relinquished (Client): Anthony Daniels **Date:** ~~1330~~ 10/18/10 **Time:** 1330

Received (Lab): [illegible] **Date:** 10/19/10 **Time:**

Comments:

Controlled Document - Lead (Pb) COC - R2- 1/12/2011

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
3 COOPER STREET
WESTMONT, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-3899

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Company : Weston Solutions, Inc.		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 45 Constitution Dr., Suite 100		*Third Party Billing requires written authorization from third party*	
City: Concord	**State/Province:** NH	**Zip/Postal Code:** 03301	**Country:** USA
Report To (Name): Joseph Schmidl		**Fax #:** 603/656-5401	
Telephone #: 603/656-5461		**Email Address:** Joseph.Schmidl@WestonSolutions.com	
Project Name/Number: Jewett White Lead Company			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:** NY	

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 ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	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	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | **Preservation Method (Water):** n/a

Name of Sampler: Scott Snyder | **Signature of Sampler:** [signature]

Sample #	Location	Volume/Area	Date/Time Sampled
U-1014	Upwind		
D1-1014	Downwind #1		
D2-1014	Downwind #2		
S-1014	Sampler		
O-1014	Operator		

Client Sample #'s	-			**Total # of Samples:**	5
Relinquished (Client):	[signature]	**Date:**	10/14/10	**Time:**	1700
Received (Lab):		**Date:**		**Time:**	

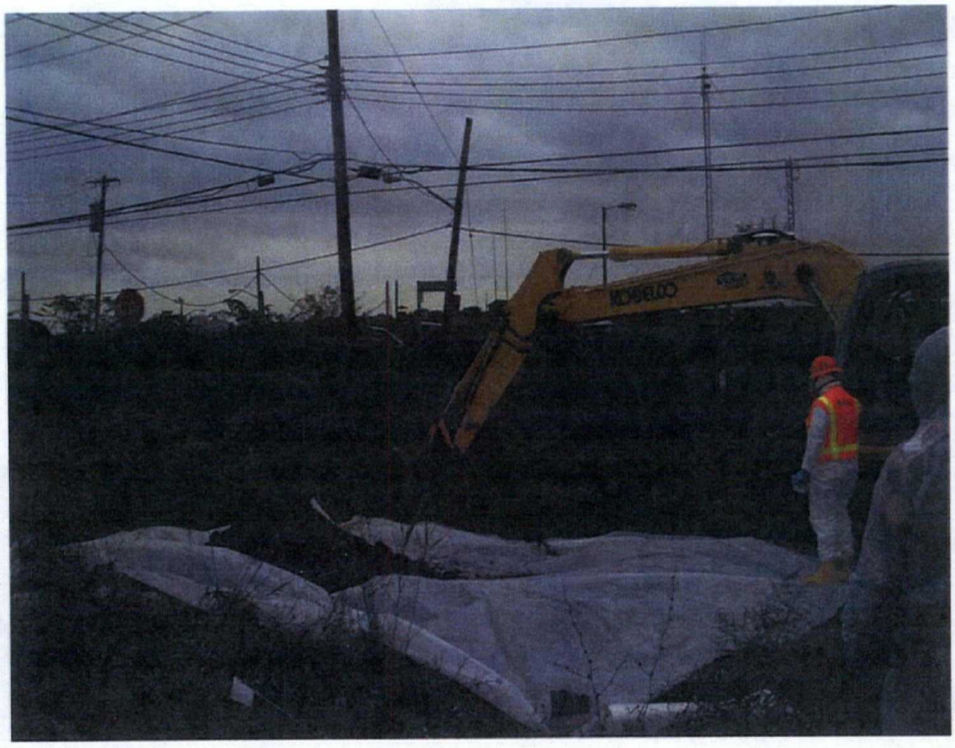
Comments:

Controlled Document — Lead (Pb) COC – R2– 1/12/2010

ATTACHMENT D

Site Photographic Documentation Log

Jewett White Lead Company Site, October 2010

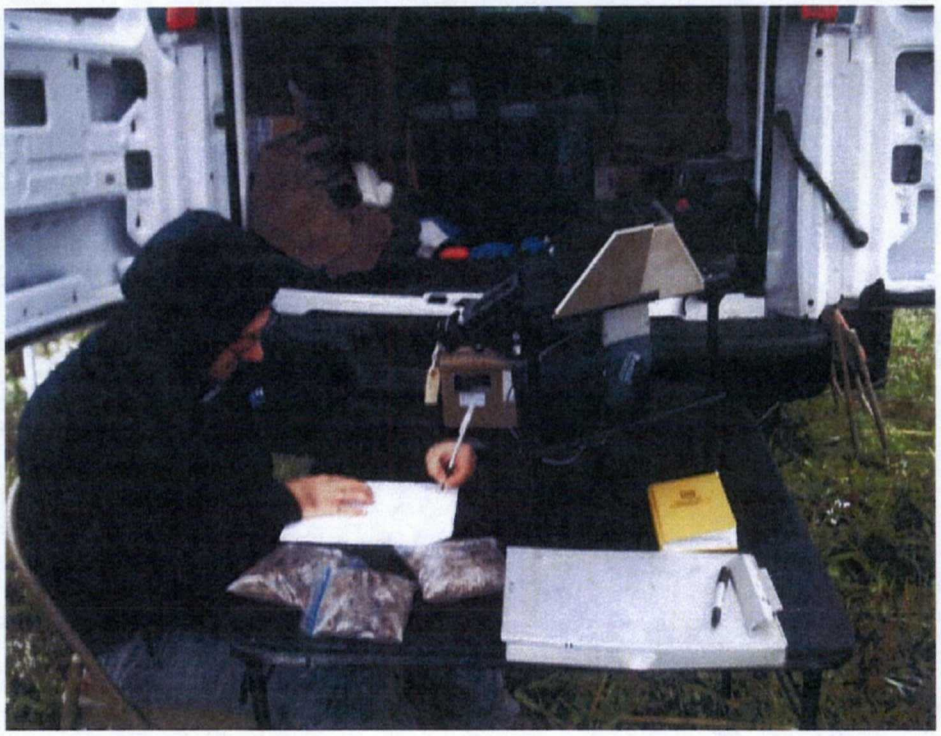


Photograph 1. 4 October 2010. Backhoe excavating Test Pit ZA-1.

Photograph 2. 4 October 2010. Collecting soil samples from 0-1, 1-2, 2-3, and 3-4 ft depth intervals of Test pit ZA-1.

Jewett White Lead Company Site, October 2010

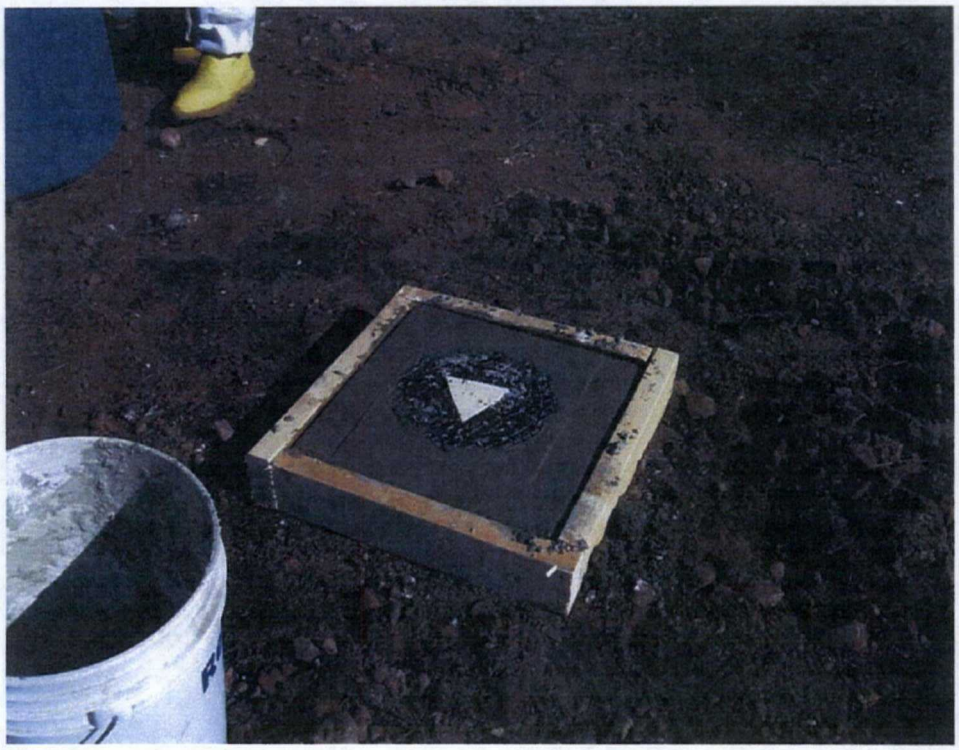
Photograph 3. 4 October 2010. Sampling 6-7 ft depth interval from excavator bucket at Test Pit ZA-1.



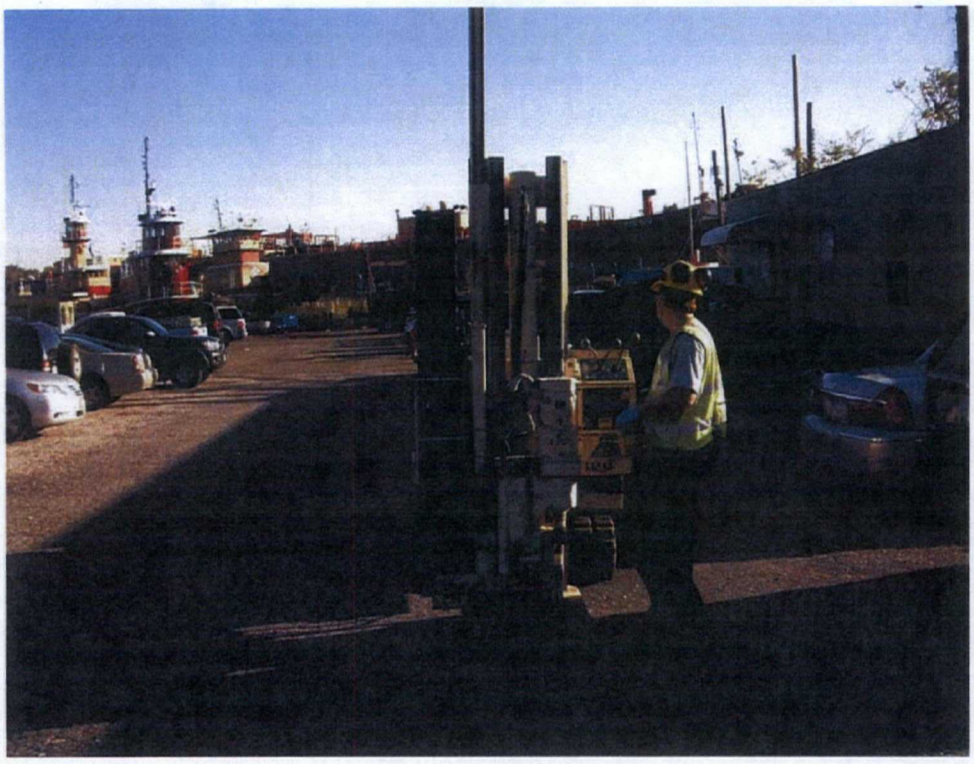
Photograph 4. 6 October 2010. Field portable XRF analytical station.

Jewett White Lead Company Site, October 2010

Photograph 5. 7 October 2010. Drilling well PO-2.



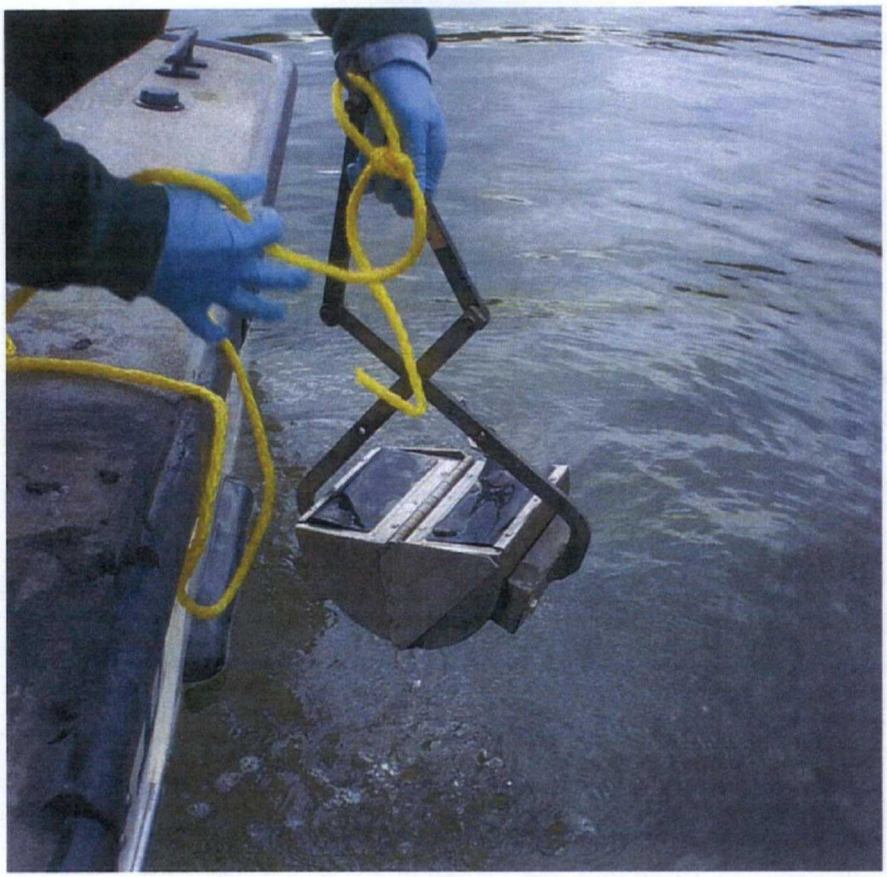
Photograph 6. 8 October 2010. Completion of well PO-1.



Photograph 7. 13 October 2010. Soil Boring at Location MSCE-4.

Photograph 8. Date uncertain. Soil core being logged and prepared for sampling.

Jewett White Lead Company Site, October 2010



Photograph 9. 19 October 2010. Collecting sediment sample using ponar sampler.

ATTACHMENT E

Particulate Sample Analytical Results

EMSL Analytical, Inc.
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-9551 Email: westmontleadlab@emsl.com

Attn: **Joseph Schmidl**
Weston Solutions, Inc.
45 Constitution Ave. 100
Concord, NH 03301

Fax: (603) 656-5401 Phone: (603) 656-5400
Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/05/10 10:40 AM
EMSL Order: 201013938

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
U-1004	*0001*	10/4/2010	10/5/2010	n/a	<4.0 µg/filter
D1-1004	*0002*	10/4/2010	10/5/2010	n/a	<4.0 µg/filter
D2-1004	*0003*	10/4/2010	10/5/2010	n/a	<4.0 µg/filter
Sampler 1-1004	*0004*	10/4/2010	10/5/2010	n/a	<4.0 µg/filter
Operator 1-1004	*0005*	10/4/2010	10/5/2010	n/a	<4.0 µg/filter

Initial report from

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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 reponsibility 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. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The regulatory method listed is only for reference purposes and as a guidance document for the EMSL SOP; slight modifications to the method applied.
Samples analyzed by EMSL Analytical, Inc. 3 Cooper St., Westmont NJ NJ-NELAP: 04653, AIHA-LAP, LLC. ELLAP Accreditation 100194

EMSL Analytical, Inc.
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-9551 Email: westmontleadlab@emsl.com

Attn: **Weston Solutions (King Georges Post)**
1090 King Georges Post Road
Suite 201
Edison, NJ 08837-3703

Fax: Phone: (732) 585-4400
Project: **Jewitt White Lead**

Customer ID: RFWE53
Customer PO:
Received: 10/06/10 10:49 AM
EMSL Order: 201013991
EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
D1-1005	*0001*		10/6/2010	n/a	<4.0 µg/filter
	Site: Downwind #1				
D2-1005	*0002*		10/6/2010	n/a	<4.0 µg/filter
	Site: Downwind #2				
U-1005	*0003*		10/6/2010	n/a	<4.0 µg/filter
	Site: Upwind #1				
S-1005	*0004*		10/6/2010	n/a	<4.0 µg/filter
	Site: Sampler				
O-1005	*0005*		10/6/2010	n/a	<4.0 µg/filter
	Site: Operator				

Initial report from 10/06/2010 16:59:16

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Attn: **Joseph Schmidl**
Weston Solutions, Inc.
45 Constitution Ave. 100
Concord, NH 03301

Fax: (603) 656-5401 Phone: (603) 656-5400
Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/07/10 9:59 AM
EMSL Order: 201014064

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
U-1006	*0001*		10/7/2010	n/a	<4.0 µg/filter
	Site: Upwind				
D1-1006	*0002*		10/7/2010	n/a	<4.0 µg/filter
	Site: Downwind 1				
D2-1006	*0003*		10/7/2010	n/a	<4.0 µg/filter
	Site: Downwind 2				
S-1006	*0004*		10/7/2010	n/a	<4.0 µg/filter
	Site: Sampler				
O-1006	*0005*		10/7/2010	n/a	<4.0 µg/filter
	Site: Operator				

Initial report from

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/08/10 10:45 AM
EMSL Order: 201014131
EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
S-1007	*0001* Site: Sampler		10/11/2010	n/a	<4.0 µg/filter
O-1007	*0002* Site: Operator		10/11/2010	n/a	<4.0 µg/filter
D1-1007	*0003* Site: Downwind #1		10/11/2010	n/a	<4.0 µg/filter
D2-1007	*0004* Site: Downwind #2		10/11/2010	n/a	<4.0 µg/filter
U-1007	*0005* Site: Upwind		10/11/2010	n/a	<4.0 µg/filter
O2-1007	*0006* Site: Operator #2		10/11/2010	n/a	<4.0 µg/filter

Initial report from

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Fax: (603) 656-5401 Phone: (603) 656-5400
Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/11/10 10:11 AM
EMSL Order: 201014196

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
U-1008	*0001*		10/12/2010	n/a	<4.0 µg/filter
	Site: Upwind				
D1-1008	*0002*		10/12/2010	n/a	<4.0 µg/filter
	Site: Downwind #1				
D2-1008	*0003*		10/12/2010	n/a	<4.0 µg/filter
	Site: Downwind #2				
S-1008	*0004*		10/12/2010	n/a	<4.0 µg/filter
	Site: Sampler				
O-1008	*0005*		10/12/2010	n/a	<4.0 µg/filter
	Site: Operator #1				
O2-1008	*0006*		10/12/2010	n/a	<4.0 µg/filter
	Site: Operator #2				

Initial report from

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/13/10 10:32 AM
EMSL Order: 201014324

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
O-1012	*0001*	8/12/2010	10/14/2010	n/a	<4.0 µg/filter
	Site: Operator				
S-1012	*0002*	8/12/2010	10/14/2010	n/a	<4.0 µg/filter
	Site: Sampler				
D1-1012	*0003*	8/12/2010	10/14/2010	n/a	<4.0 µg/filter
	Site: Downwind #1				
D2-1012	*0004*	8/12/2010	10/14/2010	n/a	<4.0 µg/filter
	Site: Downwind #2				
U-1012	*0005*	8/12/2010	10/14/2010	n/a	<4.0 µg/filter
	Site: Upwind				

Initial report from 10/14/2010 15:26:51

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/14/10 10:42 AM
EMSL Order: 201014380

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
U-1013	*0001*	10/13/2010	10/15/2010	n/a	<4.0 µg/filter
	Site: Upwind				
D1-1013	*0002*	10/13/2010	10/15/2010	n/a	<4.0 µg/filter
	Site: Downwind #1				
D2-1013	*0003*	10/13/2010	10/15/2010	n/a	<4.0 µg/filter
	Site: Downwind #2				
S-1013	*0004*	10/13/2010	10/15/2010	n/a	<4.0 µg/filter
	Site: Sampler				
O-1013	*0005*	10/13/2010	10/15/2010	n/a	<4.0 µg/filter
	Site: Operator				

Initial report from 10/15/2010 13:53:24

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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Fax: (603) 656-5401 Phone: (603) 656-5400
Project: **Jewett White Lead Company**

Customer ID: WESS62
Customer PO:
Received: 10/19/10 10:35 AM
EMSL Order: 201014584

EMSL Proj:

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Volume*	*Lead Concentration*
O-1014	*0001*	10/14/2010	10/19/2010	540 L	<7.4 µg/m³
	Site: Operator				
S-1014	*0002*	10/14/2010	10/19/2010	540 L	<7.4 µg/m³
	Site: Sampler				
U-1014	*0003*	10/14/2010	10/19/2010	607.5 L	<6.6 µg/m³
	Site: Upwind				
D1-1014	*0004*	10/14/2010	10/19/2010	607.5 L	<6.6 µg/m³
	Site: Downwind 1				
D2-1014	*0005*	10/14/2010	10/19/2010	607.5 L	<6.6 µg/m³
	Site: Downwind 2				

Initial report from 10/20/2010 13:04:59

Shannon Kauffman

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

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