REGION II RST

DELIVERABLE SIGN-OFF SHEET

TDD#: TO-0018
TASK/SITE: Final Sampling Trip Report – Jewett White Lead Company Site
DCN#: RST2-02-F-1514

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Filename and Path: G:\\PROJECTS\20104122\018\Fieldwork\TripReport\FinalSamplingTripReportJWLCo.docx

November 10, 2010

Ms. Kimberly Staiger, On-Scene Coordinator
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, NJ 08837

EPA CONTRACT NO: EP-W-06-072
TDD NO: TO-0018
DOCUMENT CONTROL NO: RST 2-02-F-1514
SUBJECT: FINAL SAMPLING TRIP REPORT –JEWETT WHITE LEAD COMPANY SITE

Dear Ms. Staiger:

Enclosed please find the final Sampling Trip Report for the soil/sediment/surface water/groundwater sampling conducted between October 4 and 28, 2010, at the Jewett White Lead Company Site located in Staten Island, Richmond County, New York.

If you have any questions, please do not hesitate to contact me at (603) 656-5461.

Sincerely,

Joseph Schmidl, PG, CWS
Technical Manager
Weston Solutions, Inc.

Enclosure

cc: TDD File: TO-0018

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

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

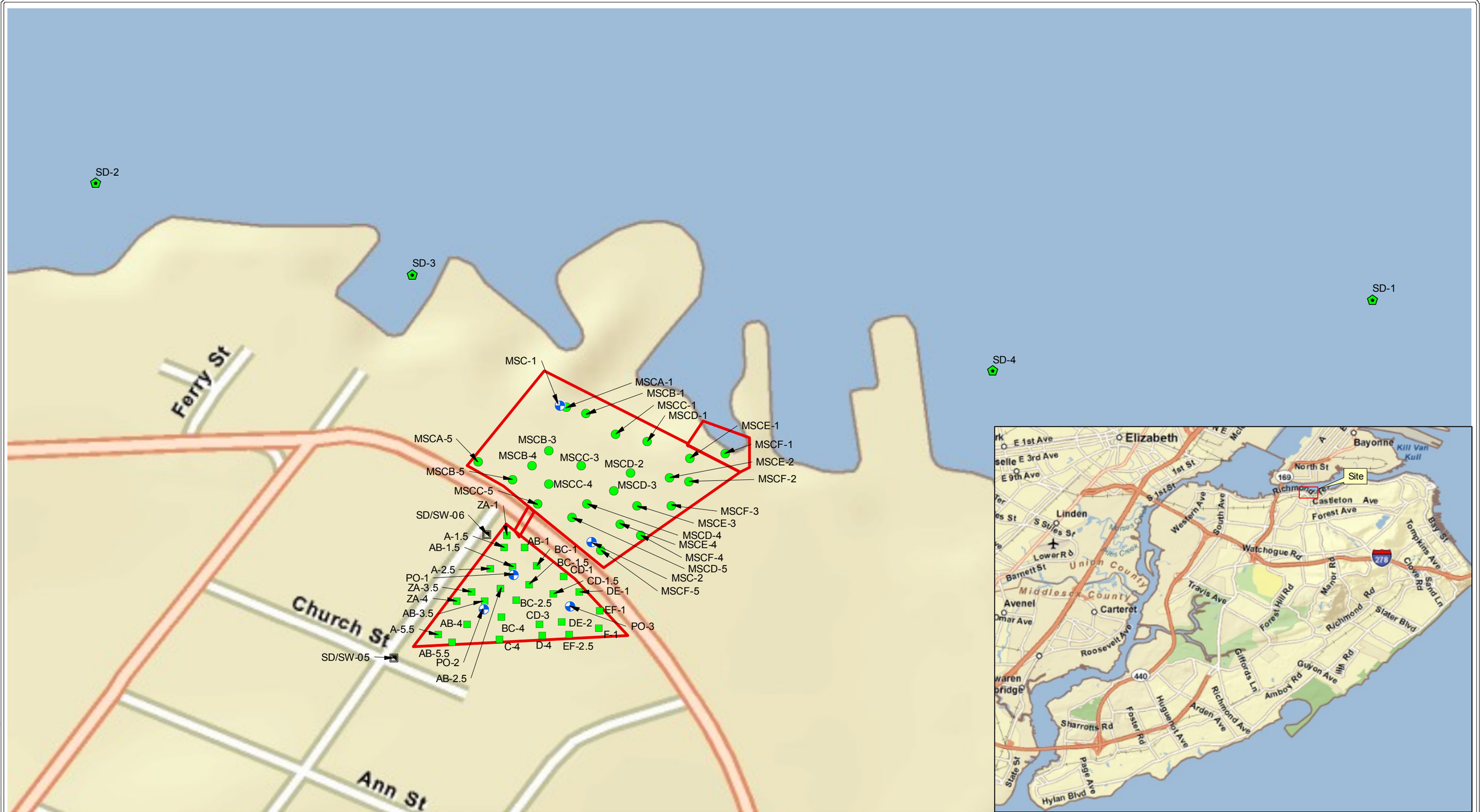
Joseph Schmidl
Weston Solutions, Inc.

Report reviewed by:_____ Date_____

Jennifer Sy
Readiness Coordinator, RST 2

ATTACHMENT A

Figure 1: Sample and Well Installation Location Map



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 SOLUTIONS SM

DATE: 11/10/2010

FIGURE #: 1

P:\JewetWhiteLead\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): 11

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		60	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 duration 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-TW1 (S) Date 10/28/2010
Field Personnel J. Schmidl
Initial Depth to Water (FT BMP) 3.11 TD = 10.50

Sampling Organization WESTON
Identify MP inner casing
Purging Device; (pump type) Peristaltic
Pump/Tubing Intake (FT BGS) 6ft 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[c]) (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	4.1	one well volume
1203	3.11			6	18.16	27.96	6.83	-334.7	1.15	-0.8	
1208	3.11			7	17.99	27.00	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	did sample w/ bailer
1218											
											Maximum drawdown 3.11ft = 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. Schmidl
Initial Depth to Water (FT BMP) 9.61 TD 16.90 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	19.82	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 Depth 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. Schmidl
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	52.3	
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	12.42		↓	2.8	17.53	1.369	6.60	-58.0	1.31	-1.7	sample collected
											& labeled
											Next 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. Schmidl
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°) (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 SOLUTIONS	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 SOLUTIONS	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 gram 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 SOLUTIONS	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, ~~Reddish~~ 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		SATURATION		
8				
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: ~~Roma~~ 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 bricks, some gravel.	0.0 ppm	5711 ppm 5914 ppm 5758 ppm
3		Wet dark brown medium sandy silt. ~~Dare~~ Wet Dark brown silt	0.0 ppm	
4		mixed with lots of woody debris SATURATED layer of pine wood. Wet, brown clay-silt, with brick		
5		Saturation		
6				
7				
8				
9				
10				
11				
12				
13				

WESTON SOLUTIONS	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: ~~5~~ 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 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 Daniels			

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 brown/black 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.	0.0ppm	19,190 ppm 3,739 ppm 2,925 ppm
5		moist grey, silt sand some pebbles	0.0 ppm	12,286 ppm 12,258 ppm 9,891 ppm
		moist - wet dark brown peat		
6		moist - wet dark brown peat some brick	0.0 ppm	13,094 ppm 10,979 ppm 14,104 ppm
7		Brown, wet silty peat.	0.0ppm	9068 ppm 8873 ppm 9000 ppm
8		wet brown silty peat.	0.0ppm	8803 ppm 11,884 ppm 9110 ppm
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WESTON SOLUTIONS	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: ~~MSL~~ 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 2611 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 13,419 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 46 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 grey sand.	0.0 ppm	214 ppm 200 ppm 209 ppm
3		brick, dry brown, grey silty sand.	0.0 ppm	1,438 ppm 1,537 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 ~~NO BRICK~~ 1,749 ppm 1,678 ppm
6		Brick and red sand. some silt.	0.0 ppm	269 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 508 PPM
2		dry white sand, some silt	1.9 PPM	369 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 147 ppm
2		White-grey, dry Sand. Some black medium grain silt some brick	0.0 ppm	2,027 ppm 1,444 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 Daniels			

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 17 923 ppm 17 807 ppm
4		moist, light brown, white, black Silty Sand, some glass, some brick.	0.2 ppm	8428 ppm 8858 ppm 8781 ppm 23202 23003 23251
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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WESTON SOLUTIONS	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 coal. 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 SOLUTIONS	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 SOLUTIONS	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 grey~~ b Asphalt ~~Moist to~~ Moist to wet grey silt Battle 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 SOLUTIONS	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 SOLUTIONS	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 sandy 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
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WESTON SOLUTIONS	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 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		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	86,901 ppm 87,198 ppm 85,731 ppm
7		SATURATED		
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WESTON SOLUTIONS	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 Grey-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, loose 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 SOLUTIONS	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~~	6,366 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 SOLUTIONS	SOIL BORING LOG	Sheet 1 of 1	Soil Boring ID: MSCB-5
	Project: Jewett 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: 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	20% Recovery	Brown dry silty sand.	0.0 PPM ~~0.0~~	3470 ppm 3562 ppm 3474 ppm
2		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 SOLUTIONS	~~SOIL BORING 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 ppm 3430 3610
4		black silty sand (wet) mixed with brick, grey-brown wet silty sand.	0.0	5277 5506 ppm 5282
5		S.A.A., some moist to wet brown silty clay.	0.0	5649 5646 ppm 5484
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 ppm 45441
8		Saturated brown silty clay.	0.0	
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WELL CONSTRUCTION LOG

WESTON SOLUTIONS	~~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 sand~~ ~~silt~~ white silty sand.	0.0 PPM	26 ppm ND ND
3		S.A.A.	0.0 PPM	12,203 ppm 12,378 ppm 12,363 ppm
4		moist brown medium to coarse sand, some sl. Lt. 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 1133 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~~ 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: ~~[illegible]~~ 8 ft.
Depth of Fill: UNK.
Remarks:

Stratigraphic Unit	Sample Number	Depth (ft)	Material Description
	S-ZA4-0001	00-01 ft.	Brown silty sand (medium-coarse); Rocks ~~Red sandy clay~~ fine dark brown ~~sand 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-A2.5-0102	01-02 ft	fine dark brown-black sandy silt layer of coal fine, dark brown-black sandy silt
	S-A2.5-0203	02-03 ft.	fine dark brown-black sandy silty with some layers of light brown fine silty sand.
	S-A2.5-0304	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: ~~TP-~~ A-5.5 Page 1 of 1

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. 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-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.	~~Fine light brown silty sand; some clay~~. 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 Hoe
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 silt, and gravel. dark brown-black medium silty sand, and gravel and brick Rubble
	S-AB2.5-0102	01-02 ft.	SAA; 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 sandy; 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 ~~BOR~~ 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-AB5.5-0001	00-01 ft.	light brown fine sand, little silty some dark brown-black silty fine sand, some gravel and brick Rubble.
	S-AB5.5-0102	01-02 ft.	Very fine yellow-brown silty sand.
	S-AB5.5-0203	02-03 ft.	Very fine yellow-brown silty sand, and very fine grey silty sand. DRY.
	S-AB5.5-0304	03-04 ft.	S.A.A.
	S-AB5.5-0405	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	01-02 ft.	fine to medium Brown black silty sand with bands of yellow brown silty clay
	S-BC1-0203	02-03ft	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; ~~trace~~ 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	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: ~~10/04/10~~ ~~10/04/10~~ 10/06/10
Contractor: SET
Logged By: A. Daniels
Excavation Method: Excavator
Ground Surf. Elev.:
Total Depth: ~~6~~ 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 Page 1 of 1

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: Backhoe
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 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 wood 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 SiltySand, some Redbrown 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 cobles; 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.	SA.A. — 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.	fine grey-brown silty sand, some fine orange-brown 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 orange-brown silty sand. fine.

WESTON SOLUTIONS

Test Pit: DE-1

Project Name: Jewett White Lead Co.
Client: EPA
Date: 10/05/10
Contractor: SET
Logged By: A. Daniels
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 siltysand; 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 pink 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 siltysand; 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-DE2-0001	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 Red brown 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; some 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 SOLUTIONS	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 Morales		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 w/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 7.5-8' (wet)	
8				
9			Brown w/ red brick fragments silty-sand	
10			Reddish-brown fine silty sand	
11				
12				
13				
14				
15				
16				
17				
18				

WESTON SOLUTIONS	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 SOLUTIONS	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 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 arrives at site to begin subsurface investigation and sampling of JWL site. ——
Weather - Cloudy, showers ~56°F
Present Onsite:
Joe Schmidl (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.

Location Port Richmond, NYC Date 10-4-10 (8)

Project / Client JWL / EPA

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

0730 - AD sets up SKC pumps for perimeter air / dust monitoring Model # 224-PCXR8.

Serial #s 707523, 564607, 565533, 564126, 665161, 564134

- Wind is coming out of the north, therefore, dust monitoring will be set up on the south side of the site.

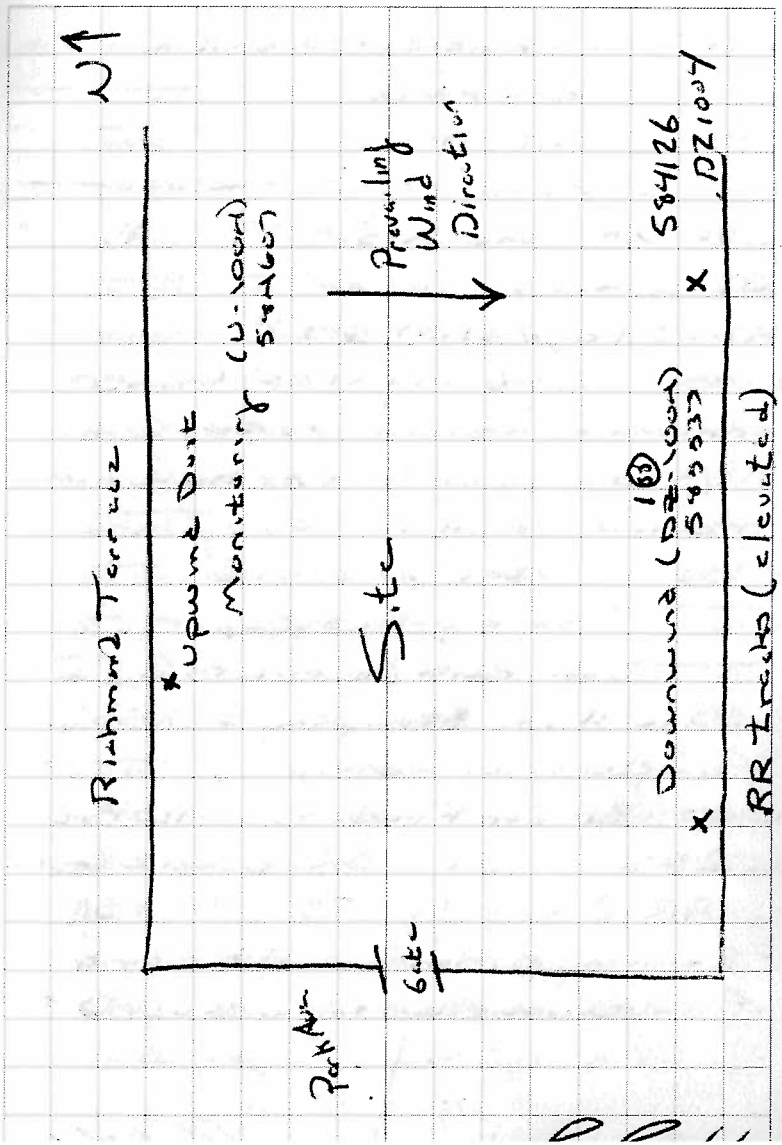
0800 - JS deploys SKC pumps / filters for perimeter dust monitoring. The upwind location along north fence and Richmond Terrace. Downwind along south fence below RR tracks

0815 - We discover respirator cartridges are back at the office - we arrange for them 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 continues sub-surface clearance.

JS - Project Manager

JJ - Field Coordinator, H2O

JR - XRF analyses

AD - Soil logging.

Kim Stayer (KS), EPA Oversight.

0845- Andy Gillette (AG) from JET arrives as a second helper. Conduct H/S briefing with AG - have him review and sign HASP.

0950 - Cartridges arrive.

Head onto site.

AD dons Level CPPE.

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

1000 - AG and RR don Level C PPE

AG will wear SKC pump # 665181

RR " " " " # 584134

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

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA.

Photo Log

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

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

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

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

JWL-10-4-5: Deepening excavation.

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

JWL-10-4-7: Collecting soil from AB-2, 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 E at

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-1

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

1030 - AD collects soil sample S-ZA1-0001 0'-1' bgs

- North side wall
- Excavation trends East ↔ West
- Collected with dedicated scoop.

1035 - AD collects soil sample S-ZA1-0102

1040 - AD collects soil sample S-ZA1-0203

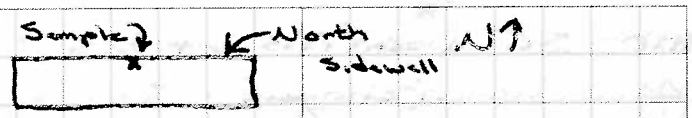
0102 and 0203 also from north side wall.

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 8'.

- AD collects soil sample S-ZA1-0405

- Sample collected from excavator bucket using a plastic scoop.
- Waste KS requests that both 2-3 and 3-4' intervals be used to determine lead impact (>400 ppm) and to continue to 8 feet.

1035 - 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 backfills 2A-1

All samples 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 - Crew back into site.

JR returns.

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

1230 - RR positions excavator @ loc.

AB-1

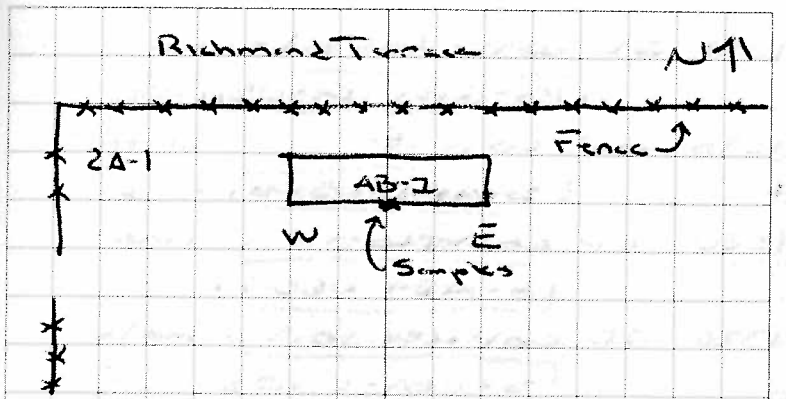
- RR, DC lay out plastic sheeting

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-0101

1255 - AD collects soil sample

S-ABI-0102

1300 - AD collects soil sample

S-ABI-0203

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

1305 - AD collects soil sample

S-ABI-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 put on ice and kept @ 4°C.

1330 - RR backfills AB-2.

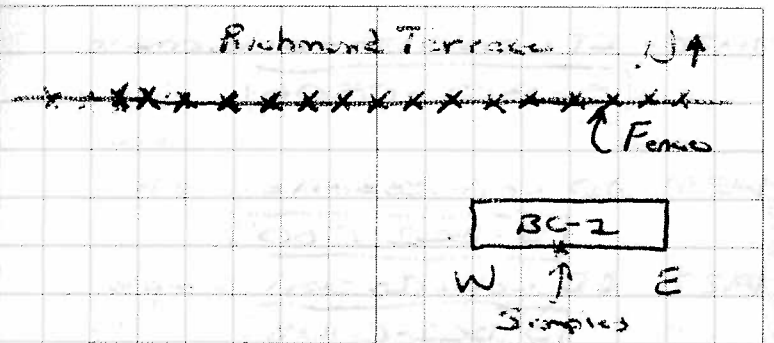
1340 RR decons bucket using high pressure steam.

1345 - RR moves excavator to Test Pit
BC-1

1355 - Lay out plastic sheeting - begin excavating.

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA



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

1400 - AD collects soil sample
S-BC1-0001

1403 - AD collects soil sample
S-BC1-0102

1406 - AD collects soil sample
S-BC1-0203

- All 3 samples collected from BC-1 south sidewall

1415 - AD collects soil sample
S-BC1-0304

1417 - AD collects soil sample
S-BC1-0405

Location Port Richmond, NYC Date 10-4-10

Project / Client JWL/EPA

1430- AD collects soil sample S-BC1-0506

1423- AD collects soil sample S-BC1-0607

1427- AD collects soil sample S-BC1-0708

All five samples collected directly from excavator bucket using decked plastic scoop.

- Relinquish samples to JR for XRF analysis, then put on ice and kept @ 4°C.

1435- RR backfills BC-1.

1445- RR decons excavator with high pressure steam and dishwash.

1455- JR relinquishes samples to SS.

SS ships / dates two custody seals and seals cooler containing samples.

- 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, NYC Date 10-5-10

Project / Client JWL/EPA

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

Note: Custody seals on sample cooler are intact.

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

Today's Personnel:

Scott Snyder (SS), WESTON - Field Coordinator, H&S.

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

Joe Rizzo (JR) - XRF operator

Ralph Rich (RR) - Excavator operator

Andy Gillette (AG) - Helper

0715 - AD sets up 5KC 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 CPPE.

10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

0720 - Kim Steiger, EPA arrives. JR sets up XRF.

0725 - Conduct H/S briefing
- Lead
- HASP Location
- Proper PPE
- Awareness of excavator, traffic
- Dust monitoring.

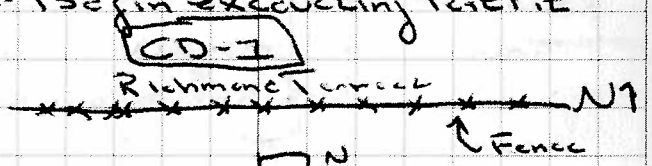
- Dust Monitoring

AD - 5KC - 707523 [S-1005]

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

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

0750 - Begin excavating Test Pit

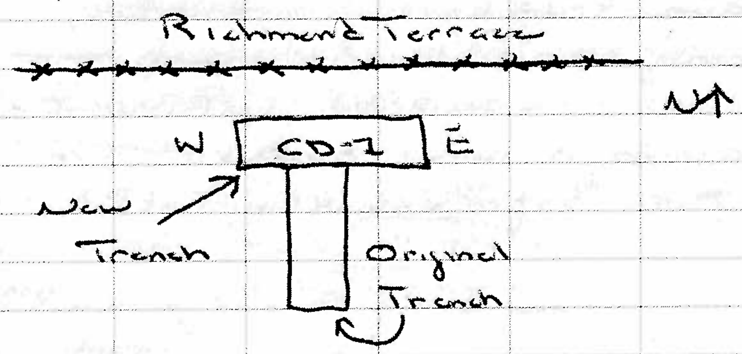


10/5/10

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

0755 - Excavator encounters concrete at approx 2.5' depth. Creates dust. Water truck set to be ready to suppress the dust due to the trench's proximity to the site boundary. RR states he's not likely to get any deeper. He repositions excavator east of original trench and starts a new one trending E-W in an attempt to avoid the concrete foundation.



0805 - AG maneuvers support truck and trailer near CD-1 to supply water in case dust suppression is required.

Location Port Richmond, NYC Date 10-5-5

Project / Client JWL/EPA

Photo Log

JWL-10-5-14: Excavating CD-1, looking North.
JWL-10-5-15: Collecting soil from CD-1, looking East.
JWL-10-5-16: XRF station.
JWL-10-5-17: Collecting soil from bucket @ CD-1, looking NE.
JWL-10-5-18: Deconing excavator bucket, looking S.
JWL-10-5-19: Excavator at DE-1, looking NE.
JWL-10-5-20: Collecting soil from DE-1, looking NE.
JWL-10-5-21: Collecting soil from bucket @ DE-1, looking NE.
JWL-10-5-22: DE-1, looking E.
JWL-10-5-23: Excavating EF-1, looking NE
JWL-10-5-24: Colling soil from EF-1, looking NE.
JWL-10-5-25: Excavator @ EF-25, looking SE.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

13 • Advance to 3' depth - no formation

0810 - AD begins collecting soil samples from south sidewall.

0812 - AD collects soil sample S-CD1-0001

0814 - AD collects soil sample 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'.

0820 - AD collects soil sample S-CD1-0304

0825 - AD collects soil sample S-CD1-0405

0830 - AD collects soil sample S-CD1-0506

10/5/10

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 3 samples collected from excavator bucket using dedicated scoops. Relinquish to JR for XRF.

0840 - RR backfills CD-1

- We review XRF results. KD decides to go down to at least 5' depth on the next test p.t.

0900 - AG decons excavator bucket with high pressure steam/cleaner 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.

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

0938 - AD collects soil sample
S-DE1-0405

0940 - AD collects soil sample
S-DE1-0506

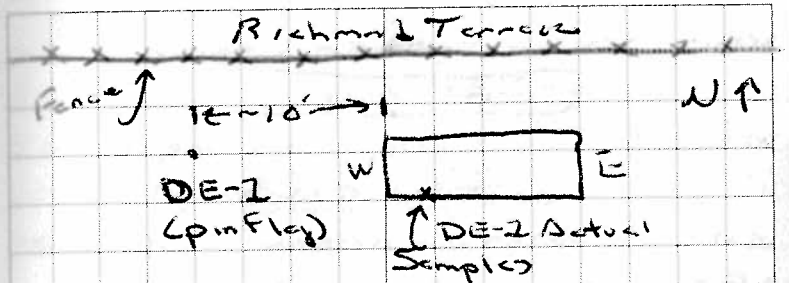
0943 (2) - AD collects soil sample
S-DE1-0607

0946 - AD collects soil sample
S-DE2-0708

All 5 samples collected from excavator bucket using dedicated scoops.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

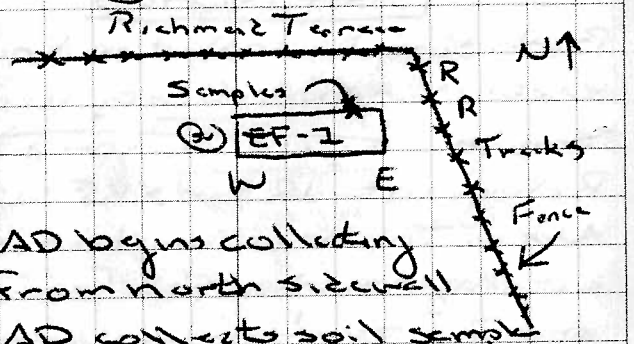


- Relinquish samples to JR for XRF

0950 - JRR backfills DE-1

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

1015 - RR begins excavating at Test Pit (2) EF-1 - Trending E&W



1025 - AD begins collecting soil from north sidewall

1026 - AD collects soil sample
S (2) EF1-0001

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

1030 - AD collects soil sample
S@EF1-0102

1033 - AD collects soil sample
S@EF1-0203

1113 samples collected from EF-1 north sidewall using dedicated plastic scoops. Relinquish samples to JR for XRF

"Wall steps 5' depth and wait for XRF results.

1035 - AD collects soil sample
S@EF1-0304

1038 - AD collects soil sample
S@EF1-0405

Both samples collected from excavator bucket using dedicated scoop.

Relinquish to JR for XRF.

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 Stop at 5'

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

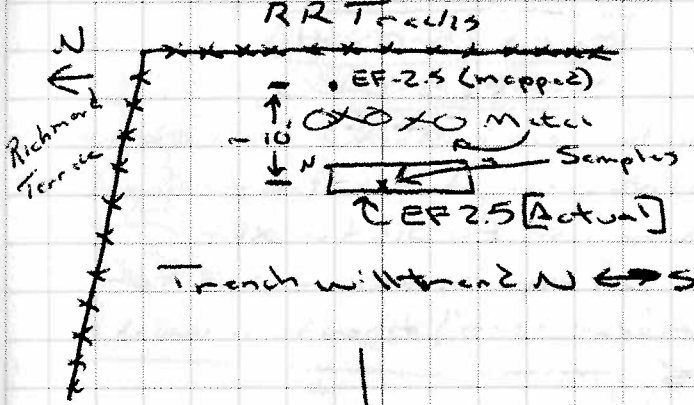
Note: Due to the proximity of EF-1 and F-1, KS directs us to skip EF-1.

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 split 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 5' 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.

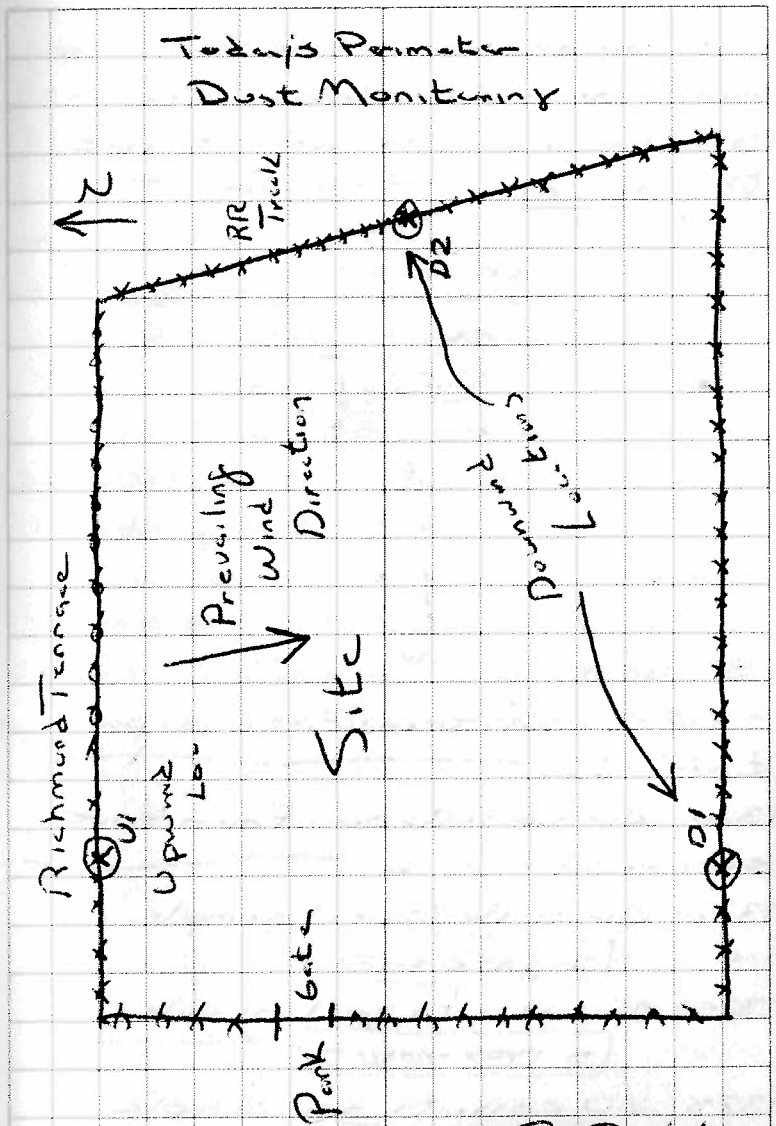
Relinquish to JR for XRF.

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

- RR backfills EF-2.5.

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

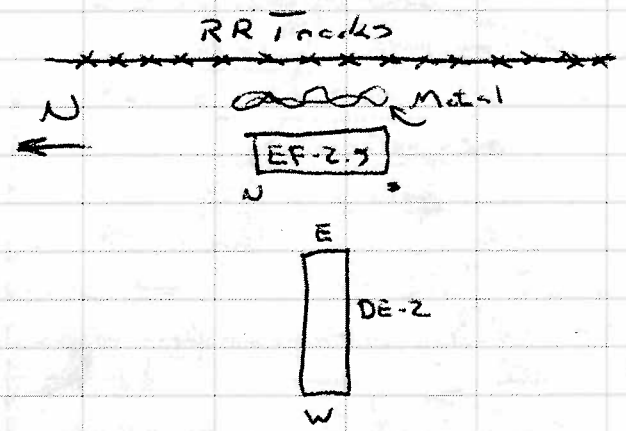


Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

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

1310 - RR moved 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

1326 - AD collects soil sample S-DE2-0203

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

Photo Log (cont'd)

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 scoops. Relinquish to JR for XRF.

1333 - 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 step at 5'. RR backfills DE-2.

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

1410 - RR moves excavator to Test Pit CD-1.5

1415 - Begin excavating

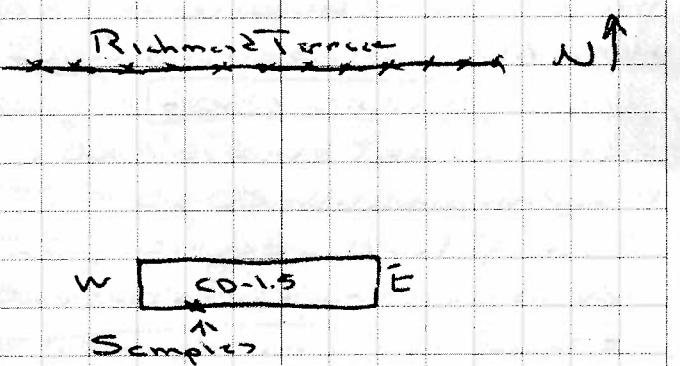
x Encounter concrete slab at ~ 1' depth.

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



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 scoops.

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 on the foot

1455- AD collects soil sample
S-CD1.5-0506

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

1500- RR backfills CD-1.5.

-Pack up for the day.

- AG downs trucks/tires before departing site.

-All samples put on ice. JR relinquishes samples to SS. SS custody seals coolers. 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

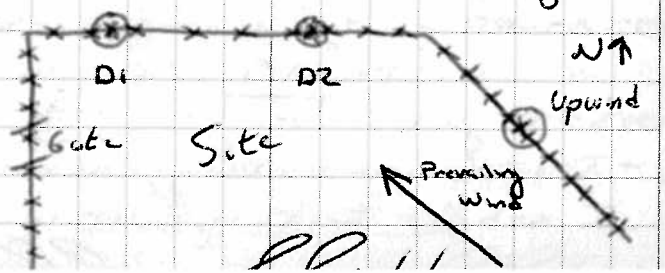
0700- WESTON and SET arrive on site to continue subsurface investigation and sampling.

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

- AG reports RR is running late.
- JR departs site for Home Depot. KJ requested we buy 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

-Winds out of the S-SE today



Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

0725 - KS arrives at site.

Note: Excavator bucket decon'd 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'd 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 supression.

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

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 supression.

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~~ 1:38 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

0902- AD collects soil sample

S-BC15-0405

- Both samples collected from exc. bucket using dedicated scoops.
- Relinquish all 5 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 step @ 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'd)

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 supression @ 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 supression @ 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: Decon'ing exc bucket, looking E.

10/6/10

Location Port Richmond, N.J/C 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

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

Using dedicated scoops.

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

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

- RR backfills AB1.5.

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

Location Port Richmond, N.J/C 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 obstructs 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 excavate trench.

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

1120- Resume excavating 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-5.5.
- Relinquish to JR for XRF.
- Put samples on ice.

1136 - AD collects soil sample S-A5.5-0304

1136 - AD collects soil sample S-A5.5-0405

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'. Will Step @ 5'.

1200 - 12:30 - break for lunch.

1230 - RR backfills A-5.5, then decons exc. bucket using high pressure steam & scrub.

1240 - RR positions exc. @ Test Pit ZA-4

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

10/6/10

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL | EPA

Photo Log (cont)

JWL-10-6-46: Excavator setup at milling pile @ A-5.5, looking S.

JWL-10-6-47: Collecting soil from A-5.5, looking S.

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

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

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

JWL-10-6-51: ZA-4, looking S.

JWL-10-6-52 ZA-35, looking W.

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

1305- AD collects soil sample S-2A4-0304

1308- AD collects soil sample S-2A4-0405

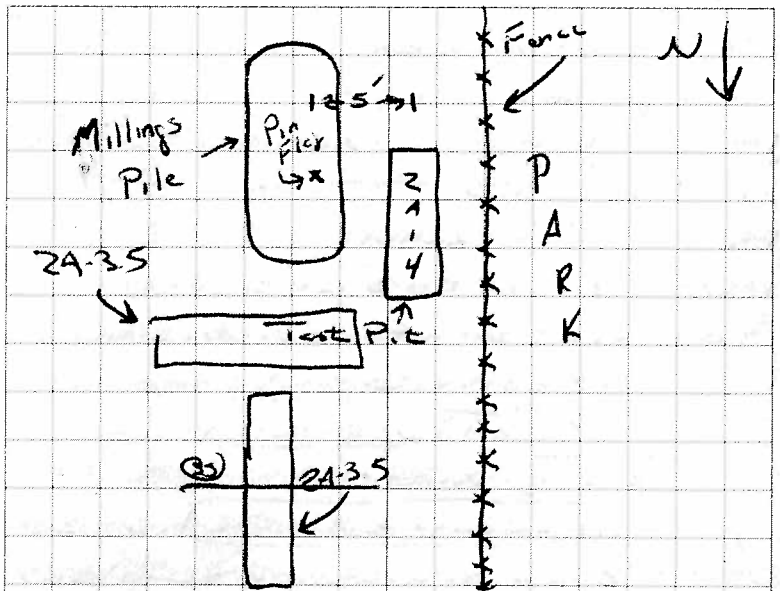
Both samples collected from exc. bucket using dedicated scoops.

- 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 4' 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-2A3.5-0001
1419- AD collects soil sample S-2A3.5-0102
1420- AD collects soil sample S-2A3.5-0203
- 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-2A3.5-0304
1426- AD collects soil sample S-2A3.5-0405
1430- AD collects soil sample S-2A3.5-0506

Location Port Richmond, NYC Date 10-6-10

Project / Client JWL/EPA

1432- AD collects soil sample S-2A3.5-0607
1435- AD collects soil sample S-2A3.5-0708
- RR backfills 2A-3.5
Above 5 samples collected from exc. bucket using dedicated scoops.
- Relinquish 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 2 experts left 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 days.

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 Sidler (BS) arrives from SET with a drill rig for monitoring well installation.

0735 - Conduct H&S briefing

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

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

Photo Log

JWL-10-7-53: Decon'g 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: Drill rig @ 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.

11/12/10

Location Port Richmond, N.Y.C. 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 site with BS to scout MW locations.

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

0825- AD/SS collect Rinsate Blank RB01 from decon'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 clean hollow stem augers for MW installation.

- Begin excavating @ D-4.

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

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

Project / Client JWL/EPA

0852- AD collects soil sample .5-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.

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 exca. bucket using high pressure steam/alconox scrub.

0930 - RR moves exca. into position @ Test Pit CD-3

0932 - Begin excavating Test pit oriented W ↔ S.

0935 - Advance to 3' depth, AD begins collecting soil from west sidewall.

0940 - BS begins work @ PO-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-CD3-0708

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/alconox scrub.

10/7/10

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

1028 - AD collects soil sample S-BC25-0001

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-BC2.5-0304

1036 - AD collects soil sample S-BC2.5-0405

Both samples collected from exc. bucket using dedicated scoops.

- Relinquish to JR for XRF

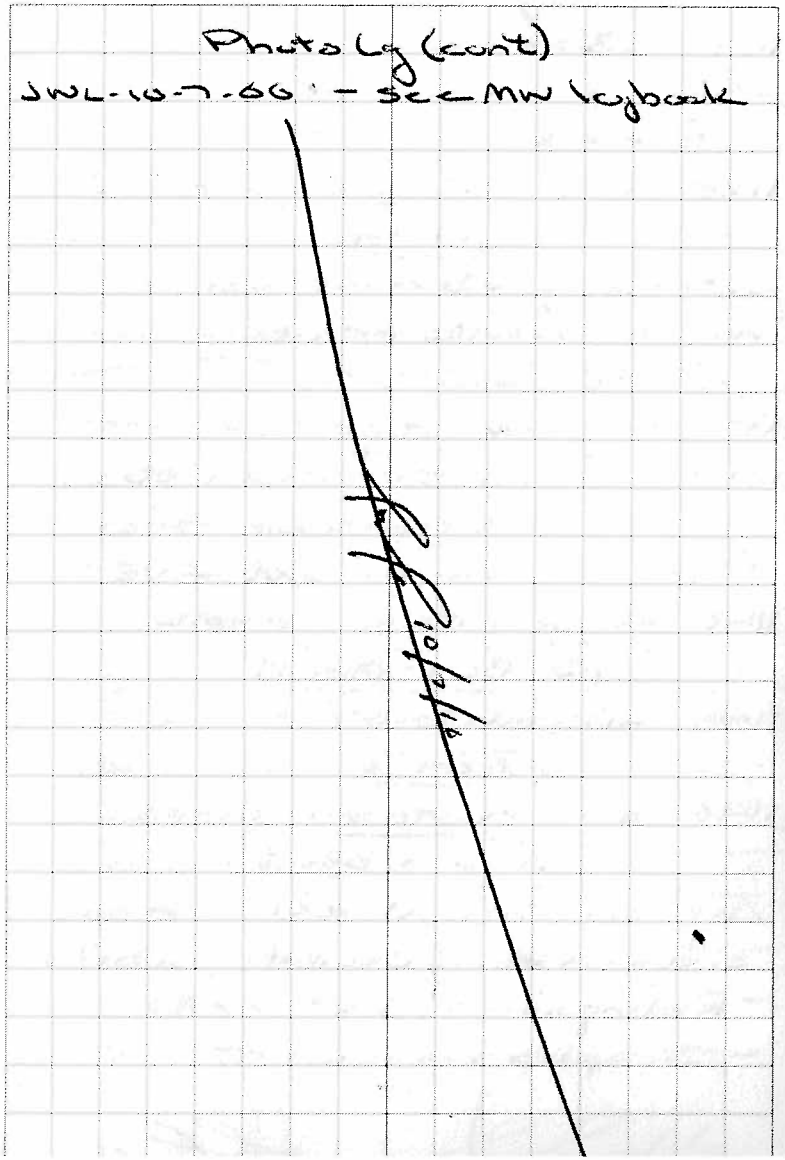
- Samples on ice.

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

Photo Lg (cont)

JWL-10-7-66 - 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 will 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-BCH-0001

1144 - AD collects soil sample S-BCH-0102

1146 - AD collects soil sample S-BCH-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-BCH-0304

1152 - AD collects soil sample S-BCH-0405

1200 - 1230 - Break for lunch

1230 - JR reports 780ppm for 4'-5' so will go to 8' in BC-4.

1240 - Resume excavating @ BC-4

1244 - AD collects soil sample S-BCH-0506

1246 - AD collects soil sample S-BCH-0607

1248 AD collects soil sample S-BCH-0708

(5) 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 w. high pressure steam/alconox scrub.

10/7/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL | EPA

1310 - RR positions excutr @ Test Pit C-4

- Test pit is oriented E↔W.

1315 - Begin excavating.

1320 - Excavator is down, AD begins to collect soil from north sidewall.

1322 - AD collects soil sample S-C4-0001

1324 - AD collects soil sample S-C4-0102

1326 - AD collects soil sample S-C4-0203

- 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-C4-0304

1332 - AD collects soil sample S-C4-0405

- 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-C4-0506

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

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

Late Entry (1355) BS, JB deconed 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

1416 - 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.

10/7/10

Location Port Richmond, NYC Date 10-7-10

Project / Client JWL/EPA

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

1426- AD collects soil sample S-ABS.5-0304

1430- AD collects soil sample S-ABS.5-0405

- Both samples collected from bucket using dedicated scoops
- 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 excav 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, NYC Date 10-8-10

Project / Client JWL/EPA

0700- WESTON, SET 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. Wind is out of the south today - perimeter monitoring will be the same as yesterday

Personnel:

S-1004 - AD D1- downwind #1

O-1005 - RR D2- " #2

O2-1006 - BJ

U-1008 - upwind

0720- Conduct H&S briefing

- COCs
- Hydration / Sun
- Head Nets / Booties
- Personal Monitoring
- Rig Safety.

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

0730 - RR positions excutr @ Test Pit A-1.5

- Test pit oriented E ↔ W

0735 - Begin excavating.

0745 - Advance to 3'. AD begins collecting soil from south sidewall.

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 SR 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, NYC Date 10-8-10

Project / Client JWL/EPA

0805 - JR reports levels @ 3'-4' and 4'-5'; therefore will step @ 5'.

- Both samples collected from excavtr bucket using dedicated scoops

- Relinquish to JR for XRF.

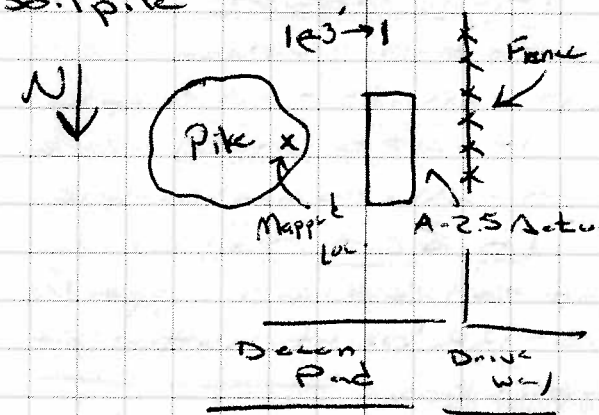
- Samples on ice.

- RR backfills test pit.

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

0830 - RR begins excavating @ 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 10-8-10

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' 7600ppm

- 0644- AD collects soil sample

S-A2.5-0405

0646- AD collects soil sample

S-A2.5-0506

- JR reports less than 600ppm

- 0655- RR backfills test pit.

- Samples on ice.

Location Port Richmond, NYC Date 10-8-10

Project / Client JWL/EPA

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

0915- RR sets up excavator @ 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 for 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 10-5-10

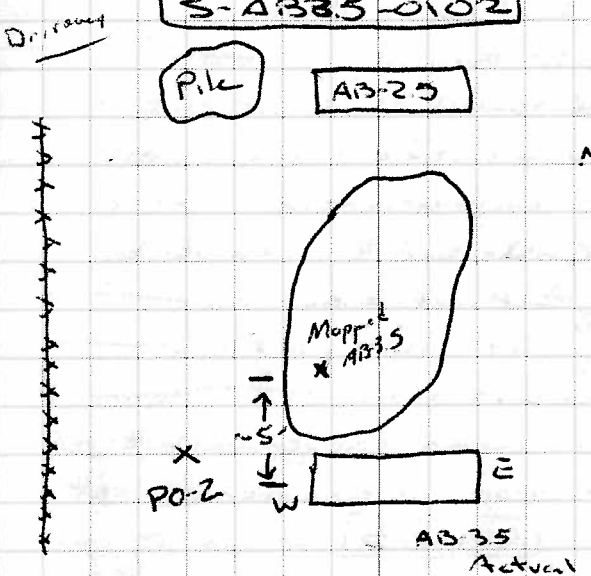
Project / Client JWL/EPA

0937- AD collects soil sample
S-AB4-0405
- Relinquish to JR for XRF.
- JR reports 3'-5' >600ppm.
0940- AD collects soil sample
S-AB4-0506
- JR reports 5'-6' <600 ppm.
All 3 samples collected from excvtr bucket using dedicated scoops.
- Samples on ice.
0945- RR backfills test pit.
1000- RR/AG down excvtr bucket
1005- ~~AG~~ RR positions excvtr @ Test Pt
AB-3.5
- Due to the presence of a soil pile at the mapped location, the test pit will be relocated ~ 5' south of mapped location.
1015- Borough Engineer arrives on site. SS provides WASP. KS briefs him on site work/status.
Late Entry: 1010- AD collects soil sample S-AB3.5-0001

Location Port Richmond, NYC Date 10-5-10

Project / Client JWL/EPA

1012- AD collects soil sample
S-AB3.5-0102



1015- AD collects soil sample
S-AB3.5-0203
1020- AD collects soil sample
S-AB3.5-0304
1022- AD collects soil sample
S-AB3.5-0405
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 p.t.
- 0'-3' collected from south side wall (trench oriented E↔W).
-3'-6'- Collected from excvtr bucket
- Using dedicated scoops.
- Relinquish to JR for XRF.
- Samples on ice.
1055- AG decons excvtr bucket
1100- RR positions excvtr @ Test P.t
AB-2.5
-last test p.t for this portion of the site.
1105- Begin excavating
1106- 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.
-Relinquish 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 excvtr bucket using dedicated scoops.
- Relinquished to JR for XRF.
- Samples on ice.
1125- JR reports 3'-4' ; 4'-5' are ND - RR backfills test p.t
1200 - 12:30 - EPA, WESTON break for lunch. SET removes to pack up and decon equipment.
1230 - Return to site. SET still packing up decon eq.
- SS retrieves personal and perimeter dust monitors.
1330 - All depart.

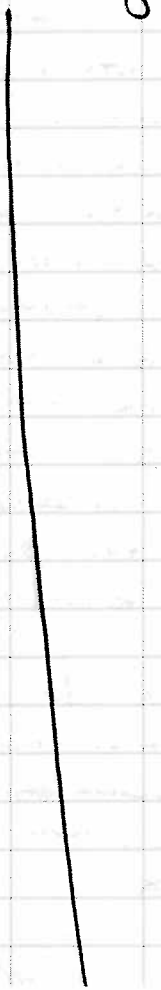
10/8/10

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



10/8/10

Location Port Richmond, NYC Date 10-11-10

Project / Client JWL/EPA

0745 - 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 0900 when KS will enter the property and confirm access. This weeks personel

SS - Field Conductor, H&S

AD - Sampler, Soil logging

JR - XRF operator

KS - EPA Oversight

Darwin Reid (DR), SET - Geoprobe

Weather - Clear ~60°F.

0900 - KS heads into site.

0905 - KS confirms we have access. We checked into site to sign in and locate staging area.

0930 - Set up next to office.

- AD sets up ground and perimeter dust monitors. Wind is SW/light 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).

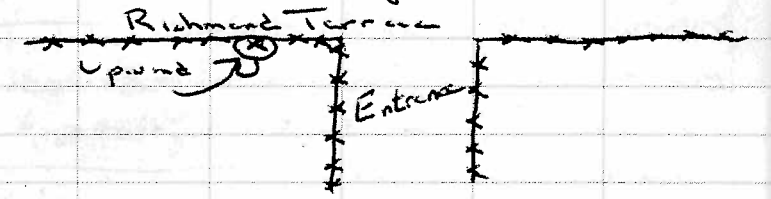
O = Operator (DR).

- Ar monitoring will include a Multi-Rae on this portion of the site.

S/N = PineId No. 14631.

AD will calibrate using 100 ppm Isobutylene mixed gases.

0900 - AD deploy perimeter dust monitors upwind to deployed on fence adjacent to entrance. Downwind and 2nd deployed on 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-1, looking W.

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

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

Location Port Richmond, NYC Date 10-11-10

Project / Client JWL/EPA

0920 Jay Shipley (JS), Environtells us he needs to go to Edison to plug sample jars and he asks us to wait until he returns to begin sampling.

Note. Custody seals on sample coolers are intact. JR begs freshice for samples

1045 - JS returns.

1100 - Try to locate MSCA-1 - but can't find the mark. Instead will start ~~MSCB-1~~ MSCA-1

1105 - Begin probing.

- Probe to 8'.
- No PID reading on hole.
- AD takes borings back to truck to log.

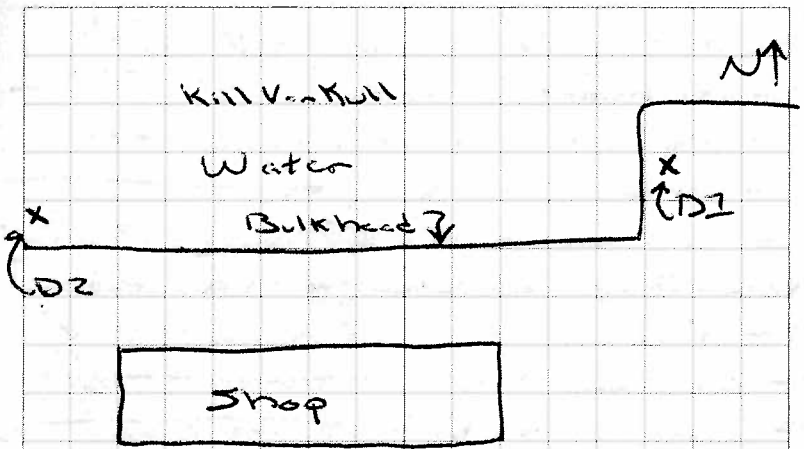
Note. Appears this was the hole we were looking for. - MSCA-1.

- 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, NYC Date 10-11-10

Project / Client JWL/EPA



1140 - JS OKs co-located borings until he hears back from his superiors.

- Relinquish to JR for XRF.
- Samples on ice.
- We collected the following soil samples

~~S-MSCA-1~~

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-2
- DR reports refusal @ 2.5'.
- 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 bolt 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 notices that the co-located borings are very dissimilar. We therefore decide to stop sampling and have SET begin to use 2" macro-core. There are none here on site so will stop for the day and start over tomorrow.

1255 - Pack up. Truck DR to bring 2" macro-cores to the site tomorrow.

1320 - Depart site.

End Day

Location Port Richmond, N.Y.C. Date 10-12-10

Project / Client JWL/EPA

0600 - EPA, WESTON, and SET return to 2019 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 SKC pumps/dust filters.
- AD reports wind is out of the west.
- JS observes custody seals on sample coolers intact.

0630 - DR decons Geoprobe equipment
- High pressure steam
- ~~Hexane~~, HNO3 rinse
- Alconox Scrub.

0635 - JS/JR collect Rinsate Blank RB03 from Geoprobe cutting shoe. Pour DI water over deconed cutting shoe, preserve with HNO3 pH<2.

0635 - AD calibrates MultiRae using 100ppm isobutylene and mixed gases - 25ppm H_2S, 50ppm CO, 50% LEL CH_4, 20.9% O_2.

Location Port Richmond, N.Y.C. Date 10-12-10

Project / Client JWL/EPA

Photo Log

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

JWL-10-12-2: Collecting RB03.

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

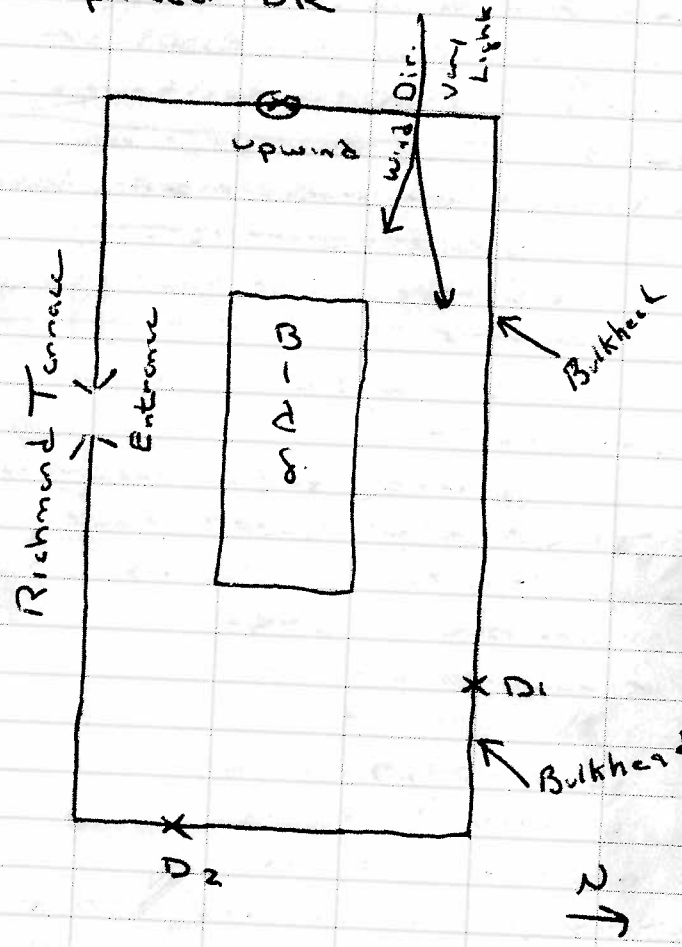
JWL-10-12-4: Geoprobe MSCF-1, looking SE.

JWL-10-12-5: Geoprobe MSCF-1, looking N.

Location Port Richmond, N.Y/C Date 10-12-10

Project / Client JWL/EPA

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



Location Port Richmond, N.Y/C Date 10-12-10

Project / Client JWL/EPA

0915 - Begin probing @ MSCA-1
- 4' Macro-cores.
- 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 on PID @ 7'-8' core.

No reading noted in the ambient air.

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL | EPA

[illegible] S-MSCA-0708-0959.
- AD is scooping soil from sleeve into baggies. After XRF analysis, JS takes 1/2 of the volume for the split samples.
Samples collected for MSCB-1
S-MSCB1-0102 @ 1010.
S-MSCB1-0203 @ 1012.
S-MSCB1-0304 @ 1014.
S-MSCB1-0405 @ 1016.
- Screen 7'-8' interval ~10 units all H_2O
- No reading in ambient air.
S-MSCB1-0506 - 1018.
S-MSCB1-0607 - 1020.
S-MSCB1-0708 - 1022
1030-1045 - AD takes headspace readings in sample baggies - records result on sample log sheets.
1105 - Begin probing @ MSCC-1 (MSCC-1)
- Advance 0'-4'
- No reading on Multi-Rae in hole
- Advance 4'-8', - water table
- No reading in the hole.

Location Port Richmond, NYC Date 10-12-10

Project / Client JWL | EPA

- AD takes cores for logging.
1110 - Light rain starting.
1115 - Begin probing @ MSCD-1
- Advance 0'-4'
- Advance 4'-8'
- Cores to AD for logging/sampling
1130 - DR decons Geoprobe equipment
- High pressure steam, alconox scrub, H_2O rinse.
- Samples 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 ambient air. No RAD by [illegible]
Samples 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 confirmatory analysis.
- AD reports 5'-6' from MSCD-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-ZA1-0304	S-CD3-0203
S-CD1.5-0405 (MS/MSD)	RB01
S-DE1-0506	S-AB2.5-0102
S-DE1-0607	S-AB2.5-0304
S-AB1.5-0405	S-AB3.5-0001
S-ZA3.5-0405	
S-ZA3.5-0708	
S-ZA4-0607	
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 MSCE-1
- Advance 0'-4'. No reading on Multi-Rae
- Advance 4'-6'.
- Enter 4'-6' interval is saturated.
- Petroleum Odor.
- 0'-4' to AD for logging/sampling
1340 - Begin probing MSCF-1
- Advance 0'-4'.
- Advance 4'-6'.
- Come to AD for logging/sampling
1400 - Decon Geoprobe equipment
1410 - Begin probing MSCF-2
- Advance 0'-4'.
- Advance 4'-6'.
- Come to AD for logging/sampling
1420 - Begin probing MSCF-3
- Advance 0'-4'.
- Advance 4'-6'.
- Come to AD for sampling/logging.

Note: Bottom of multi-Rae died - back-up decided to

Location Port Richmond, NYC Date 10-12-10

Project / Client SWL | EPA

1435 - Return to staging area. AD logs soils and relinquishes to JR for XRF. — JR transfers soil to jars for lab anal.

1513 - Today's samples put on ice. — end cooler is custody sealed.

1600 - All depart site.

1630 - Arrive back at office.

Ship dust filters to EMSL Via Fed Ex (From office).

1630 - 1930 - Pack samples, label, custody seal, fill out COC.

1900 - Arrive @ FedEx

Ship one Cooler to EPA Region 2 DESA lab via FedEx Airbill No: 8715 6304 5796

End Day

Location Port Richmond, NYC Date 10-13-10 (13)

Project / Client SWL | EPA

0900 - EPA, WESTON, and SET arrive at site to continue the subsurface investigation @ the 2013 Richmond Tr. portion of the site.

Weather: Clear, sunny ~ 55°F.

Note: SS observed that custody seals on sample coolers are intact - Winds out of the west again. We will deploy perimeter dust monitors in the same positions as yesterday.

0920 - AD deploys perimeter dust monitors - Personal Monitors - S-1013-AD, O-1013-DR.

0930 - AD calibrates Multi-Rae.

0950 - Conduct H/S briefing

- BBS - stay organized / neat
- Proper PPE - glove, hardhat
- COCs
- Ventilation / Sun
- COCs
- Location of HASP / Rt to Hosp Map

10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL / EPA

0900 - Begin probing @ ~~MSCF-4~~ (25) ~~Base~~ MSCE-4

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

0915 - Begin probing @ MSCF-3. Move boring ~1.5' NE 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, HNO_3 rinse.

0955 - Begin probing @ MSCF-4

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

[signature] 10/13/10

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL / EPA

Photo Log

JWL-10-13-6: Geoprobe @ ~~MSCF-4~~ MSCE-F (31), looking N.

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

JWL-10-13-8: Using HNO_3 during decon.

JWL-10-13-9: Logging soil.

[signature] 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'; " " " "
- Core to SD, JR for logging, sampling, and XRF.
- DR backfills boring.

1020 - Begin probing @ MSCE-3
- Advance 0'-4', OR took PID for head space reading.
- Advance 4'-8'. Appears saturated - smell of H_2S.
- Core to SD, JR for logging, sampling and XRF.

1035 - DR decons Geoprobe equipment.

1050 - Begin probing @ MSCE-2
- Advance 0'-4' - saturated @ 4'.

1100 - Begin probing @ MSCO-2
- Due to parked cars, will move ~3' SW of mapped location.
- Advance 0'-4'.
- Advance 4'-7' - Refusal @ 7', saturated.
- Core to SD, 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 @ MSCO-3
- Due to parked cars, move ~1' NW of mapped location.
- Refusal @ 3' move ~0.5' SE - closer to mapped location.
- Advance 0'-4' - saturated @ ~4'
- Core to SD, JR for logging, sampling, and XRF.
- DR backfills borehole.

1140 Begin probing @ MSCO4
- Advance 0'-4'.
- Saturated by 4'.
- Core to SD, JR for logging, sampling, and XRF.

1200 - Break for lunch.

Late Entry: JR replaced sample coolers with fresh ice.

1235 Begin probing @ MSCO5
- Advance 0'-4'.
- Advance 4'-6' Refusal @ 6'.
- Move ~1.5' north - make 2nd attempt @ 4'-8' interval.

Location Port Richmond, NYC Date 10-13-10

Project / Client JWL/EPA

2nd Attempt successful. 4'-8'.
- Cores to AD, JR for logging, sampling, and XRF.
- DR backfills hole.
1255 - Begin probing @ MSCC5 (2) MSCC5
~ 15' east of mapped location due to fencing and utilities.
- Advance 0'-4'.
- Advance 4'-8'.
- Cores to AD, JR for logging, sampling, and XRF.
- DR backfills borehole.
1315 - DR leaves Geoprobe equipment
1330 - Begin probing @ MSCC4
- Advance 0'-4'.
- Advance 4'-8'.
- Cores 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

- Cores to AD, JR for logging, sampling, XRF.
- DR backfills borehole.
1350 - DR leaves Geoprobe equip.
Note: For the MSCC3 0'-4' interval. Due to low recovery, it's impossible to determine/split into 4, 1-foot intervals - therefore we'll sample just below the asphalt and call 1'-2'.
1425 - Begin probing @ MSCB4
- Refusal @ 6'. Move ~2 West for 2nd Attempt.
- Advance 0'-4'.
- Started @ 4'.
- Cores to AD, JR for logging, sampling, XRF.
- DR backfills hole.
1435 - Begin probing @ MSCA5
- 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

- Pack up 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

[signature] 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.

0720 - Unpack equipment. AD sets up SKC pumps / dust filters. Wind is out of the west. Perimeter monitors will be deployed in the same locations as yesterday.

- AD calibrates MultiRae.
- Personal Monitors

O-1014 - BR, S-1014 - AD

- Perimeter Monitors

D1 - Downwind #1, D2 - Downwind #2, and U - Upwind.

0835 - Conduct H&S briefing.

- COCs
- Pending inclement weather
- Proper PPE.
- BBS - Kmf safety when opening acetate sleeve.
- Location of MSDS / 1st Aid Kit.

0845 Begin drilling @ MSCB3

- Advance 0'-4'.
- Advance 4'-8'.
- Appears to be saturated @ 4-5'.

[signature]

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

- 0900 - Begin probing @ MSCB-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, alconox scrub, HNO_3 rinse.
- 0920 - SS/JR collect Rinsate Blank RB04 from decon'd hollow stem auger (HSA).
- 0930 - Begin probing @ MSC-1
  - Advance 0'-4'.
  - Look saturated ~4'. DR will set well screen to ~11' bgs. 3' of it above water table.
  - Advance 4'-8'.

Location Port Richmond, NYC Date 10-14-10

Project / Client JWL/EPA

Photo Log

JWL-10-14-1: Collecting RB04.

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 10-14-16

Project / Client JWL/EPA

- Core to AD JR for logging, sampling, XRF.
0750 - DR begins prep. @ MSC-2
- Advance 0'-4'.
- Appears saturated ~4'-5'.
- Advance 4'-8'.
- Core 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 10-14-16

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

10/14/16

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 to (AD)'.~~ [signature]

- 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 (AD) MSC-2.

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

1145: All OFF site

END OF DAY

[signature] 10/15/10

Location Port Richmond, NYC Date 10-19-10

Project / Client JWL / EPA

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

WEATHER: 60°F, Rainy.

Objective: Collect 5 aqueous samples, including a ~~Trip~~ AD 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 ~~AB~~ AD AMBOY boat launch.

0900 Arrive at Boat launch. AD

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/~~SD~~ SD and SD-3 SD

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~~ AD

10-19-10

Location PORT RICHMOND, NYC Date 10-19-10

Project / Client

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

END OF DAY

12/14/10

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

Project / Client EPA
Joseph Schmidl

0640 On site Linda
0705 Pete Lisichenko arrives
H&S Meeting
0720 ose Stanger on-site
0725 Lisichenko sets up RTK unit
I check calibration on YSI 650MDS
pH 10 = 9.48 7 = 6.97 4 = 4.42
Cond 1000 µS/cm = 988 µS/cm
0810 Pete and Kim begin sampling SW15D-05
0834 SW parameters T = 18.25 C 0.312 mS/cm
DO = 4.02 mg/L pH = 6.33, ORP = -41.7
Turb = 5.13 NTU
0900 Did round of water levels on Penfield 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 = 19.5°C
SP = 0.085 mS/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 10/20/10

Project / Client Jewett White Lead Company Site / Joseph Schmidl

11:53	Begin Sampling at well MW-1. See field sheets for details
12:00	Peter L. and Kim S. begin GPS Survey of Maran Property Locations
12:30	Pack samples and prepare COC.
13:30	Offsite to pick up seed and cold patch
14:00	Return to site - Peter L. and Kim are completing survey. I distribute grass seed on excavations 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 Head 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-PO3-0001 collected

0957 S-PO3-0102 collected

1000 S-PO3-0203 collected

1002 S-PO3-0304 collected

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

Blowcounts for 4-6ft

4
4
6
7

10/7/10 Jewett White Lead

1029 90% recovery for 4-6 ft S-P03-0405 Collected

1030 S-P03-0506 Collected.

1035 Blowcounts for 6-8ft.

6

6

7

19

Moist ~~wet~~ 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 8 ft.

Julissa Morales

Jewett White Lead 10/7/10

1120 JWL-10-7-06: 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 — JM

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 (05ft P0-1 is brought up

1417 Second core 5-10 ft brought up. — JM

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

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.

Julissa Morales

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

Julissa Morales
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, 1ft 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: ~~8715~~ 8715 6304 5796 (35)

CHAIN OF CUSTODY RECORD

Jewett White Lead Company

Contact Name: Joseph Schmidl

Contact Phone: 603-656-5461

No: 2-101110-202320-0001

Cooler #: 1

Lab: EPA Region 2 Laboratory

Lab Phone: 732-906-6886

Lab #	Sample #	Location	Analyses	Matrix	Collected (33)	Numb Cont	Container	Preservative	MS/MSD
	RB-01	AB-2.5	Lead	Blank	10/8/2010 0825 (34)	1	1 L poly	HNO3 pH<2	
	S-AB1.5-0405	AB-1.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1002 (52)	1	8 oz glass	Wet ice	
	S-AB1-0708	AB-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1325 (53)	1	8 oz glass	Wet ice	
	S-AB2.5-0102	AB-2.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 0838 (54)	1	8 oz glass	Wet ice	
	S-AB2.5-0304	AB-2.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 0842 (55)	1	8 oz glass	Wet ice	
	S-AB3.5-0001	AB-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/8/2010 1010 (56)	1	8 oz glass	Wet ice	
	S-BC1-0001	BC-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1255 (57)	1	8 oz glass	Wet ice	
	S-C4-0102	C-4	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 1324 (58)	1	8 oz glass	Wet ice	
	S-CD1.5-0405	CD-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0825 (59)	2	8 oz glass	Wet ice	Y
	S-CD3-0001	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0942 (60)	1	8 oz glass	Wet ice	
	S-CD3-0001-E	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0942 (61)	1	8 oz glass	Wet ice	
	S-CD3-0102	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0944 (62)	1	8 oz glass	Wet ice	
	S-CD3-0203	CD-3	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 0946 (63)	1	8 oz glass	Wet ice	
	S-DE1-0506	DE-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0940 (64)	1	8 oz glass	Wet ice	
	S-DE1-0607	DE-1	Lead, SPLP Lead, TCLP Lead	Soil	10/5/2010 0943 (65)	1	8 oz glass	Wet ice	
	S-ZA1-0304	ZA-1	Lead, SPLP Lead, TCLP Lead	Soil	10/4/2010 1045 (66)	1	8 oz glass	Wet ice	
	S-ZA3.5-0405	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1428 (67)	1	8 oz glass	Wet ice	
	S-ZA3.5-0708	ZA-3.5	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1435 (68)	1	8 oz glass	Wet ice	
	S-ZA4-0607	ZA-4	Lead, SPLP Lead, TCLP Lead	Soil	10/6/2010 1336 (69)	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: 10/14/10
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	10/7/2010 (54)	15:17	1	4 oz glass jar	4 C	N
	S-PO2-0506-E	PO-02	Lead, SPLP Lead, TCLP Lead	Soil	10/7/2010 (55)	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]	10/15/10	FedEx	10/15/10	1400						

USEPA
DateShipped: 10/14/10
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]	10/13/10	FedEx	10/14/10	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:
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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-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
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-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:
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-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:
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-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.

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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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.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

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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-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.

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-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 #

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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 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-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 #

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

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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 #

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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-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:
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-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 Schmidl

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	Decon	Lead	Blank	10/28/2010	13:00	1	1 L poly	HNO3 pH<2	N
	RB-07	Decon	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
		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:**

	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	Sampler 1-1004	1000 - 1450		1000
5	Operator 1-1004	1005 - 1450		1005

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

Relinquished (Client): | **Date:** 10/4/10 | **Time:** 16:00

Received (Lab): | **Date:** 10/5/10 | **Time:**

Comments:

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: 1090 King Georges Post Rd		*Third Party Billing requires written authorization from third party*	
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: Jewett 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):		**Date:**	10/5/10	**Time:**	1700
Received (Lab):		**Date:**		**Time:**	
Comments:					

201014064

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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): **Date:** 10/7/10 **Time:**

Comments:

201014131

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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:**

	Sample #	Location	Volume/Area	Date/Time Sampled
(1)	S-1007	Sampler		10/7/10 0700-1500
(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 0730-1500

Client Sample #'s	-			**Total # of Samples:**	
Relinquished (Client):		**Date:**	10/7/10	**Time:** 1700	
Received (Lab):		**Date:**	10/8/10	**Time:**	
Comments:					

201014196

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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** *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:**

Sample #	Location	Volume/Area	Date/Time Sampled
1 U-100%	Upwind		10-8-10 0700 ~~1600~~ 1300 (S)
2 D1-100%	Downwind #1 (S)		"
3 D2-100%	Downwind #2		"
4 S-100%	Sampler		"
5 O-100%	Operator #1		"
6 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:					

201014324

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 201014324

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
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):		**Date:**	10/12/10	**Time:**	1700
Received (Lab):		**Date:**	10/13/10	**Time:**	1032

Comments:

201014380

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):*

201014380

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-1013	Upwind		10-13-10 0930 - 1500
D1-1013	Downwind #1		"
D2-1013	Downwind #2		"
S-1013	Sampler		10-13-10 0900 - 1500
O-1013	Operator		10-13-10 0900 - 1500

Client Sample #'s -

Total # of Samples: 5

Relinquished (Client): | **Date:** 10/13/10 | **Time:** 1700

Received (Lab): | **Date:** 10/14/10 | **Time:** 1042

Comments:

201014584

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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 @ 2.25 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): [signature] **Date:** 10/19/10 **Time:**

Comments:

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

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-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):		**Date:**	10/14/10	**Time:**	1700
Received (Lab):		**Date:**		**Time:**	

Comments:

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.

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.

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.

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 execept 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, 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, 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*		10/11/2010	n/a	<4.0 µg/filter
	Site: Sampler				
O-1007	*0002*		10/11/2010	n/a	<4.0 µg/filter
	Site: Operator				
D1-1007	*0003*		10/11/2010	n/a	<4.0 µg/filter
	Site: Downwind #1				
D2-1007	*0004*		10/11/2010	n/a	<4.0 µg/filter
	Site: Downwind #2				
U-1007	*0005*		10/11/2010	n/a	<4.0 µg/filter
	Site: Upwind				
O2-1007	*0006*		10/11/2010	n/a	<4.0 µg/filter
	Site: Operator #2				

Initial report from

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, 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

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 execept 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.

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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, 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, Lead Lab Supervisor
or other approved signatory

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