September 20, 2013

Mr. Steven E. Perrigo, P.E.
Environmental Engineer 2
Division of Materials Management, Region 7
New York State Department of Environmental Conservation
615 Erie Boulevard West
Syracuse, New York 13204-2400

RE: Consent Order (Case No. R7-20121101-89)
Roth Steel Corporation
FILE: 10875.49565

Dear Steve:

This letter report presents the analytical results for samples that were collected at the Roth Steel Facility in Syracuse New York on August 8, 2013. As you know, on January 31, 2013 a Consent Order Number R7-20121101-89 (Consent Order) was executed between the Roth Steel Corporation (Roth Steel) and the New York State Department of Environmental Conservation (NYSDEC) in relation to a pile of materials located at the Roth Steel Facility on Hiawatha Boulevard in Syracuse, New York. Prior to execution of the Consent Order, Roth Steel was issued a Notice of Violation (NOV) on April 16, 2012 in relation to the material pile. As part of the NOV response, a portion of the pile was sampled to characterize approximately one-half of the material pile. The characterized half was then processed to remove recoverable metals and the resulting automobile shredder residue (ASR) material was disposed at permitted, off-site disposal facilities. The sampling was performed on June 27, 2012 by AECOM Technical Services and the results presented in a letter from K. Jaglal to S. Perrigo dated July 25, 2012.

Pursuant to Section 1 of Schedule A (Schedule For Compliance) of the January 31, 2013 Consent Order, Roth Steel characterized the remaining portion of the material pile by collecting representative composite samples and analyzing them for polychlorinated biphenyls (PCBs), total lead, and extractable metals using the Toxicity Characteristic Leaching Procedure (TCLP). This sampling of the remaining portion of the pile took place on May 6, 2013 and was performed by O' Brien & Gere Engineers in a manner consistent with the prior sampling of the pile. The samples were analyzed and the results were presented in a letter from K. Jaglal to S. Perrigo dated June 19, 2013.

Pursuant to Section 4 of Schedule A (Schedule For Compliance) of the Consent Order, Roth Steel also characterized the exposed surface following pile removal by sampling and analyzing the underlying samples for PCBs, total lead, and metals that were detected in the TCLP analyses conducted during the two previous phases of sampling. These metals included arsenic, barium, cadmium, lead and selenium. This letter report documents that sampling and presents the associated analytical data.

Management of the entire pile resulted in the removal and off-site disposal of a total of 2,179 tons of ASR-related material at Seneca Meadows Landfill in Waterloo, New York and Ontario County Landfill in Stanley, New York. Scale tickets for each of the loads were provided to the NYSDEC shortly after the material was disposed.

Subsequently, on August 8, 2013 post- pile-removal sampling was performed at eight locations in the footprint of the former pile. The proposed sampling locations and approach were discussed with a NYSDEC representative and a figure was submitted for review. The NYSDEC reviewed and concurred with the proposed sampling locations by email on July 31, 2013. Three transects shown on Figure 1 were set up and one, three and four samples were collected from each transect, respectively. At each location, a layer of recently placed soil/fill was removed with a backhoe to expose the ground surface that was uncovered when the pile was addressed. The fill had been placed during removal of the pile material to prevent the adjacent pond from breaching its bank due to the pile removal. As indicated in Table 1, water was encountered in some of the excavations and was pumped out to facilitate sample collection.

A hand auger was used to collect the samples to the target depth of 16 inches below grade. The depth of penetration and material recoveries varied due to the characteristics of the underlying material. Each core was divided into two samples - one consisting of the top four (4) inches and the second consisting of the rest of the core. The individual samples were homogenized and submitted for laboratory analysis. A total of sixteen samples were collected for analysis for PCBs and total arsenic, barium, cadmium, lead and selenium. The results are presented in Table 2 and the laboratory data sheets are attached.

As always, the NYSDEC's assistance in matters relating to the facility is greatly appreciated. Please contact me with any questions.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Kendrick Jaglal, P.E.
Senior Technical Director

Ec: Jim Hunihan, Roth Steel Corp.
Brenda D. Colella, Esq., Gilberti Stinziano Heintz & Smith, P.C.

Attachments

TABLE 1
ROTH STEEL – HIAWATHA BOULEVARD, SYRACUSE, NEW YORK
PILE POST-REMOVAL SAMPLING FIELD NOTES

Sample Location	Field Notes
PNOU-1	Debris encountered. 12 inches recovery.
PNOU-2	Debris encountered. 12 inches recovery.
PNOU-3	Sample collected through a shallow layer of water at the surface.
PNOU-4	Sample collected through a shallow layer of water at the surface. 15 inches recovery.
PNOU-5	Water pumped from sample location prior to sampling.
PNOU-6	Water pumped from sample location prior to sampling.
PNOU-7	Water pumped from sample location prior to sampling. 14 inches recovery
PNOU-8	Water pumped from sample location prior to sampling. Obstruction/debris encountered; 10 inches recovery.

NOTES:

Samples were collected on August 8, 2013.

Targeted sample depth of 16 inches was recovered unless otherwise noted.

TABLE 2
ROTH STEEL - HIAWATHA BOULEVARD, SYRACUSE, NEW YORK
PILE POST-REMOVAL SAMPLING DATA

Sample Interval	Analytes	PNOU-1		PNOU-2		PNOU-3		PNOU-4		PNOU-5		PNOU-6		PNOU-7		PNOU-8		PNOU-8 Dup	
0-4 in	PCB-1242	10.0		13.0		6.5		4.8		6.2		11.0		11.0		9.4		6.4	
	PCB-1254	12.0		10.0		4.8		8.4		5.1		6.9		9.8		7.9		4.6	
	PCB-1260	3.1		2.7		0.9		1.9		0.9		1.4				1.8		1.0	
	Total PCBs	25.1		25.7		12.2		15.1		12.2		19.3		20.8		19.1		12.0	
	Arsenic	19.0		26.3		13.6		9.2		46.5		12.0		22.3		44.4		10.5	
	Barium	1370	^	843	^	465		391	^	518	^	465	^	511		336		411	
	Cadmium	155.0		74.5		32.2		35.7		49.9		24.7		32.7		26.7		22.9	
	Lead	1640		1100		738		662		27700		700		1070		602		627	
	Selenium	15.9	B	4.1	J B	2.5	J B	3.6	JB	7.4	B	3.0	JB	2.9	JB	3.4	JB	3.3	JB
4-16 in*	PCB-1242	7.7		33.0		7.4		5.6		6.3		6.6		13.0		7.9		NA	
	PCB-1254	11.0		38.0		5.8		7.1		5.2		3.0		16.0		5.6		NA	
	PCB-1260	3.3		14.0		1.0	J	1.6		1.6				3.5		1.0	J	NA	
	Total PCBs	22.0		85.0		14.2		14.3		13.1		9.6		32.5		14.5		NA	
	Arsenic	16.8		26.5		11.0		14.1		20.1		9.9		13.5		11.1		NA	
	Barium	1700	^	1530		355	^	873	^	1330	^	488	^	836		626		NA	
	Cadmium	118.0		145.0		8.7		46.9		30.3		30.0		104.0		36.4		NA	
	Lead	1090		1410		344		776		1270		990		930		1060		NA	
	Selenium	24.7	B	7.4	B	2.6	JB	4.2	JB	3.6	JB	38.8	B	4.5	JB	2.3	JB	NA	

NOTES:

NA - Not analyzed

All data in mg/kg

* - Interval targeted was 4 to 6 inches but actual recoveries varied.

J - Result is less than the reporting limit but greater than or equal to the method detection limit

B- Analyte was detected in both the blank and the sample

^ - Instrument related quality control exceeded the control limits

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This document was developed in color. Reproduction in B/W may not represent the data as intended.

PLOTDATE: never never StantoSA

FIGURE 1

N

LEGEND

▲ SAMPLE LOCATION

ROTH STEEL
HIAWATHA BLVD.
SYRACUSE, NEW YORK

POST-REMOVAL LOCATIONS

0 25 50 100
Feet

SEPTEMBER 2013
10875.49565

O'BRIEN & GERE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-43541-1
Client Project/Site: Roth Steel Sampling Project

For:
O'Brien & Gere Inc of North America
PO BOX 4873
Syracuse, New York 13221

Attn: Mr. Kendrick Jaglal

Authorized for release by:
8/23/2013 5:51:36 PM
Rebecca Jones, Project Mgmt. Assistant
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
melissa.deyo@testamericainc.com

Table of Contents

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Job ID: 480-43541-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-43541-1

Comments
No additional comments.

Receipt
The samples were received on 8/9/2013 2:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

Except:

The Chain of Custody was received without date of sample collection for samples 12-17. The relinquished date was used.

Samples 12-17 did not have a sample date listed on the COC. The relinquished date was used.

GC Semi VOA
Method(s) 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Decachlorobiphenyl was decreased and slightly exceeded 15% on the ZB-35 column, indicating a low bias. (CCV 480-133433/104), (CCV 480-133433/108), (CCV 480-133433/79), (CCV 480-133433/93)

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: PNOU-2-4-12 (480-43541-4), PNOU-7-0-4 (480-43541-13), PNOU-7-0-4 (480-43541-13 MS), PNOU-7-0-4 (480-43541-13 MSD), PNOU-7-4-14 (480-43541-17). As such, surrogate and spike recoveries were diluted out and are not representative.

Method(s) 8082: The following samples contained more than one Aroclor component: PNOU-1-0-4 (480-43541-1), PNOU-1-4-12 (480-43541-2), PNOU-2-0-4 (480-43541-3), PNOU-2-4-12 (480-43541-4), PNOU-3-0-4 (480-43541-5), PNOU-3-4-12 (480-43541-6), PNOU-4-0-4 (480-43541-7), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-5-4-16 (480-43541-10), PNOU-6-0-4 (480-43541-11), PNOU-6-4-16 (480-43541-12), PNOU-7-0-4 (480-43541-13), PNOU-7-0-4 (480-43541-13 MS), PNOU-7-0-4 (480-43541-13 MSD), PNOU-7-4-14 (480-43541-17), PNOU-8-0-4 (480-43541-14), PNOU-8-4-10 (480-43541-15), X-1 (480-43541-16). Results are estimated due to shared peaks.

Method(s) 8082: The following samples were diluted to bring the concentration of target analytes within the calibration range: PNOU-1-0-4 (480-43541-1), PNOU-1-4-12 (480-43541-2), PNOU-2-0-4 (480-43541-3), PNOU-3-0-4 (480-43541-5), PNOU-3-4-12 (480-43541-6), PNOU-4-0-4 (480-43541-7), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-5-4-16 (480-43541-10), PNOU-6-0-4 (480-43541-11), PNOU-6-4-16 (480-43541-12), PNOU-8-0-4 (480-43541-14), PNOU-8-4-10 (480-43541-15), X-1 (480-43541-16). Elevated reporting limits (RLs) are provided.

Method(s) 8082: All primary data is reported from the ZB-35 column.

Method(s) 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8082: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 133367 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The Method Blank for batch 480-133511 contained total selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples PNOU-1-0-4 (480-43541-1), PNOU-1-4-12 (480-43541-2), PNOU-2-0-4 (480-43541-3), PNOU-2-4-12 (480-43541-4), PNOU-3-0-4 (480-43541-5), PNOU-3-4-12 (480-43541-6), PNOU-4-0-4 (480-43541-7), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-5-4-16 (480-43541-10), PNOU-6-0-4 (480-43541-11), PNOU-6-4-16 (480-43541-12), PNOU-7-0-4 (480-43541-13), PNOU-7-4-14 (480-43541-17), PNOU-8-0-4 (480-43541-14), PNOU-8-4-10 (480-43541-15), X-1 (480-43541-16) was not performed.

Job ID: 480-43541-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010B: The Continuing Calibration Blank (CCB 480-133791/19) contained total barium above the reporting limit (RL). All reported samples PNOU-1-0-4 (480-43541-1), PNOU-1-4-12 (480-43541-2), PNOU-2-0-4 (480-43541-3), PNOU-3-0-4 (480-43541-5), PNOU-3-4-12 (480-43541-6), PNOU-4-0-4 (480-43541-7), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-5-4-16 (480-43541-10), PNOU-6-0-4 (480-43541-11), PNOU-6-4-16 (480-43541-12) associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method(s) 6010B: The following samples were diluted due to the presence of total iron which interferes with cadmium and lead: (480-43541-13 PDS), (480-43541-13 SD), PNOU-1-0-4 (480-43541-1), PNOU-2-0-4 (480-43541-3), PNOU-2-4-12 (480-43541-4), PNOU-3-0-4 (480-43541-5), PNOU-3-4-12 (480-43541-6), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-6-0-4 (480-43541-11), PNOU-7-0-4 (480-43541-13), PNOU-7-0-4 (480-43541-13 MS), PNOU-7-0-4 (480-43541-13 MSD), PNOU-8-0-4 (480-43541-14), PNOU-8-4-10 (480-43541-15). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The following sample was diluted to bring the concentration of target analyte total barium within the linear range of the instrument: PNOU-2-4-12 (480-43541-4). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The following sample was diluted to bring the concentration of target analyte total lead within the linear range of the instrument: PNOU-5-0-4 (480-43541-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3550B: A significant amount of liquid was present in the following samples PNOU-1-0-4 (480-43541-1), PNOU-1-4-12 (480-43541-2), PNOU-7-0-4 (480-43541-13), PNOU-7-0-4 (480-43541-13 MS), PNOU-7-0-4 (480-43541-13 MSD). These samples were decanted prior to preparation.

Method(s) 3550B: A significant amount of liquid was present in the following samples: PNOU-3-4-12 (480-43541-6), PNOU-4-0-4 (480-43541-7), PNOU-4-4-15 (480-43541-8), PNOU-5-0-4 (480-43541-9), PNOU-5-4-16 (480-43541-10), PNOU-6-0-4 (480-43541-11), PNOU-6-4-16 (480-43541-12), PNOU-7-4-14 (480-43541-17), PNOU-8-0-4 (480-43541-14), PNOU-8-4-10 (480-43541-15), X-1 (480-43541-16). These samples were decanted prior to preparation.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-1-0-4 — Lab Sample ID: 480-43541-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	10		1.7	0.33	mg/Kg	5	☼	8082	Total/NA
PCB-1254	12		1.7	0.79	mg/Kg	5	☼	8082	Total/NA
PCB-1260	3.1		1.7	0.79	mg/Kg	5	☼	8082	Total/NA
Arsenic	19.0		3.1	0.63	mg/Kg	1	☼	6010B	Total/NA
Barium	1370	^	0.78	0.17	mg/Kg	1	☼	6010B	Total/NA
Cadmium	155		0.63	0.094	mg/Kg	2	☼	6010B	Total/NA
Lead	1640		3.1	0.75	mg/Kg	2	☼	6010B	Total/NA
Selenium	15.9	B	6.3	0.63	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-1-4-12 — Lab Sample ID: 480-43541-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	7.7		2.2	0.42	mg/Kg	5	☼	8082	Total/NA
PCB-1254	11		2.2	1.0	mg/Kg	5	☼	8082	Total/NA
PCB-1260	3.3		2.2	1.0	mg/Kg	5	☼	8082	Total/NA
Arsenic	16.8		3.8	0.77	mg/Kg	1	☼	6010B	Total/NA
Barium	1700	^	0.96	0.21	mg/Kg	1	☼	6010B	Total/NA
Cadmium	118		0.38	0.058	mg/Kg	1	☼	6010B	Total/NA
Lead	1090		1.9	0.46	mg/Kg	1	☼	6010B	Total/NA
Selenium	24.7	B	7.7	0.77	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-2-0-4 — Lab Sample ID: 480-43541-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	13		1.4	0.27	mg/Kg	5	☼	8082	Total/NA
PCB-1254	10		1.4	0.64	mg/Kg	5	☼	8082	Total/NA
PCB-1260	2.7		1.4	0.64	mg/Kg	5	☼	8082	Total/NA
Arsenic	26.3		2.8	0.56	mg/Kg	1	☼	6010B	Total/NA
Barium	843	^	0.70	0.15	mg/Kg	1	☼	6010B	Total/NA
Cadmium	74.5		1.4	0.21	mg/Kg	5	☼	6010B	Total/NA
Lead	1100		7.0	1.7	mg/Kg	5	☼	6010B	Total/NA
Selenium	4.1	J B	5.6	0.56	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-2-4-12 — Lab Sample ID: 480-43541-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	33		14	2.7	mg/Kg	50	☼	8082	Total/NA
PCB-1254	38		14	6.5	mg/Kg	50	☼	8082	Total/NA
PCB-1260	14		14	6.5	mg/Kg	50	☼	8082	Total/NA
Arsenic	26.5		2.4	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	1530		3.0	0.65	mg/Kg	5	☼	6010B	Total/NA
Cadmium	145		1.2	0.18	mg/Kg	5	☼	6010B	Total/NA
Lead	1410		5.9	1.4	mg/Kg	5	☼	6010B	Total/NA
Selenium	7.4	B	4.7	0.47	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-3-0-4 — Lab Sample ID: 480-43541-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	6.5		0.69	0.14	mg/Kg	2	☼	8082	Total/NA
PCB-1254	4.8		0.69	0.32	mg/Kg	2	☼	8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: PNOU-3-0-4 (Continued) — Lab Sample ID: 480-43541-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.90		0.69	0.32	mg/Kg	2	☼	8082	Total/NA
Arsenic	13.6		2.7	0.55	mg/Kg	1	☼	6010B	Total/NA
Barium	465	^	0.68	0.15	mg/Kg	1	☼	6010B	Total/NA
Cadmium	32.2		0.55	0.082	mg/Kg	2	☼	6010B	Total/NA
Lead	738		2.7	0.66	mg/Kg	2	☼	6010B	Total/NA
Selenium	2.5	J B	5.5	0.55	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-3-4-12 — Lab Sample ID: 480-43541-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	7.4		1.7	0.34	mg/Kg	5	☼	8082	Total/NA
PCB-1254	5.8		1.7	0.81	mg/Kg	5	☼	8082	Total/NA
PCB-1260	1.0	J	1.7	0.81	mg/Kg	5	☼	8082	Total/NA
Arsenic	11.0		2.7	0.55	mg/Kg	1	☼	6010B	Total/NA
Barium	355	^	0.68	0.15	mg/Kg	1	☼	6010B	Total/NA
Cadmium	8.7		0.55	0.082	mg/Kg	2	☼	6010B	Total/NA
Lead	344		2.7	0.66	mg/Kg	2	☼	6010B	Total/NA
Selenium	2.6	J B	5.5	0.55	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-4-0-4 — Lab Sample ID: 480-43541-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	4.8		0.65	0.13	mg/Kg	2	☼	8082	Total/NA
PCB-1254	8.4		0.65	0.30	mg/Kg	2	☼	8082	Total/NA
PCB-1260	1.9		0.65	0.30	mg/Kg	2	☼	8082	Total/NA
Arsenic	9.2		2.7	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	391	^	0.66	0.15	mg/Kg	1	☼	6010B	Total/NA
Cadmium	35.7		0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Lead	662		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Selenium	3.6	J B	5.3	0.53	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-4-4-15 — Lab Sample ID: 480-43541-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	5.6		1.6	0.31	mg/Kg	5	☼	8082	Total/NA
PCB-1254	7.1		1.6	0.74	mg/Kg	5	☼	8082	Total/NA
PCB-1260	1.6		1.6	0.74	mg/Kg	5	☼	8082	Total/NA
Arsenic	14.1		3.0	0.59	mg/Kg	1	☼	6010B	Total/NA
Barium	873	^	0.74	0.16	mg/Kg	1	☼	6010B	Total/NA
Cadmium	46.9		1.5	0.22	mg/Kg	5	☼	6010B	Total/NA
Lead	776		7.4	1.8	mg/Kg	5	☼	6010B	Total/NA
Selenium	4.2	J B	5.9	0.59	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-5-0-4 — Lab Sample ID: 480-43541-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	6.2		0.55	0.11	mg/Kg	2	☼	8082	Total/NA
PCB-1254	5.1		0.55	0.26	mg/Kg	2	☼	8082	Total/NA
PCB-1260	0.91		0.55	0.26	mg/Kg	2	☼	8082	Total/NA
Arsenic	46.5		2.9	0.58	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PNOU-5-0-4 (Continued) — Lab Sample ID: 480-43541-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	518	^	0.73	0.16	mg/Kg	1	☼	6010B	Total/NA
Cadmium	49.9		1.5	0.22	mg/Kg	5	☼	6010B	Total/NA
Lead	27700		7.3	1.8	mg/Kg	5	☼	6010B	Total/NA
Selenium	7.4	B	5.8	0.58	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-5-4-16 — Lab Sample ID: 480-43541-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	6.3		1.3	0.25	mg/Kg	5	☼	8082	Total/NA
PCB-1254	5.2		1.3	0.60	mg/Kg	5	☼	8082	Total/NA
PCB-1260	1.6		1.3	0.60	mg/Kg	5	☼	8082	Total/NA
Arsenic	20.1		3.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Barium	1330	^	0.80	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	30.3		0.32	0.048	mg/Kg	1	☼	6010B	Total/NA
Lead	1270		1.6	0.38	mg/Kg	1	☼	6010B	Total/NA
Selenium	3.6	J B	6.4	0.64	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-6-0-4 — Lab Sample ID: 480-43541-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	11		0.74	0.14	mg/Kg	2	☼	8082	Total/NA
PCB-1254	6.9		0.74	0.35	mg/Kg	2	☼	8082	Total/NA
PCB-1260	1.4		0.74	0.35	mg/Kg	2	☼	8082	Total/NA
Arsenic	12.0		3.0	0.60	mg/Kg	1	☼	6010B	Total/NA
Barium	465	^	0.74	0.16	mg/Kg	1	☼	6010B	Total/NA
Cadmium	24.7		0.60	0.089	mg/Kg	2	☼	6010B	Total/NA
Lead	700		3.0	0.71	mg/Kg	2	☼	6010B	Total/NA
Selenium	3.0	J B	6.0	0.60	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-6-4-16 — Lab Sample ID: 480-43541-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	6.6		1.4	0.27	mg/Kg	5	☼	8082	Total/NA
PCB-1254	3.0		1.4	0.65	mg/Kg	5	☼	8082	Total/NA
Arsenic	9.9		2.5	0.50	mg/Kg	1	☼	6010B	Total/NA
Barium	488	^	0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	30.0		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Lead	990		1.3	0.30	mg/Kg	1	☼	6010B	Total/NA
Selenium	38.8	B	5.0	0.50	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-7-0-4 — Lab Sample ID: 480-43541-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	11		3.6	0.70	mg/Kg	10	☼	8082	Total/NA
PCB-1254	9.8		3.6	1.7	mg/Kg	10	☼	8082	Total/NA
Arsenic	22.3		3.6	0.72	mg/Kg	1	☼	6010B	Total/NA
Barium	511		0.90	0.20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	32.7		1.8	0.27	mg/Kg	5	☼	6010B	Total/NA
Lead	1070		9.0	2.2	mg/Kg	5	☼	6010B	Total/NA
Selenium	2.9	J B	7.2	0.72	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-8-0-4 — Lab Sample ID: 480-43541-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	9.4		0.70	0.14	mg/Kg	2	☼	8082	Total/NA
PCB-1254	7.9		0.70	0.33	mg/Kg	2	☼	8082	Total/NA
PCB-1260	1.8		0.70	0.33	mg/Kg	2	☼	8082	Total/NA
Arsenic	44.4		4.0	0.81	mg/Kg	1	☼	6010B	Total/NA
Barium	336		1.0	0.22	mg/Kg	1	☼	6010B	Total/NA
Cadmium	26.7		2.0	0.30	mg/Kg	5	☼	6010B	Total/NA
Lead	602		10.1	2.4	mg/Kg	5	☼	6010B	Total/NA
Selenium	3.4	J B	8.1	0.81	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-8-4-10 — Lab Sample ID: 480-43541-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	7.9		1.4	0.28	mg/Kg	5	☼	8082	Total/NA
PCB-1254	5.6		1.4	0.67	mg/Kg	5	☼	8082	Total/NA
PCB-1260	0.97	J	1.4	0.67	mg/Kg	5	☼	8082	Total/NA
Arsenic	11.1		3.3	0.65	mg/Kg	1	☼	6010B	Total/NA
Barium	626		0.81	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	36.4		0.65	0.098	mg/Kg	2	☼	6010B	Total/NA
Lead	1060		3.3	0.78	mg/Kg	2	☼	6010B	Total/NA
Selenium	2.3	J B	6.5	0.65	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: X-1 — Lab Sample ID: 480-43541-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	6.4		0.39	0.077	mg/Kg	1	☼	8082	Total/NA
PCB-1254	4.6		0.39	0.18	mg/Kg	1	☼	8082	Total/NA
PCB-1260	1.0		0.39	0.18	mg/Kg	1	☼	8082	Total/NA
Arsenic	10.5		3.3	0.67	mg/Kg	1	☼	6010B	Total/NA
Barium	411		0.84	0.18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	22.9		0.33	0.050	mg/Kg	1	☼	6010B	Total/NA
Lead	627		1.7	0.40	mg/Kg	1	☼	6010B	Total/NA
Selenium	3.3	J B	6.7	0.67	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: PNOU-7-4-14 — Lab Sample ID: 480-43541-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	13		2.6	0.50	mg/Kg	10	☼	8082	Total/NA
PCB-1254	16		2.6	1.2	mg/Kg	10	☼	8082	Total/NA
PCB-1260	3.5		2.6	1.2	mg/Kg	10	☼	8082	Total/NA
Arsenic	13.5		2.5	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	836		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	104		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Lead	930		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Selenium	4.5	J B	5.1	0.51	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PNOU-1-0-4

Lab Sample ID: 480-43541-1

Date Collected: 08/08/13 08:40
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 62.8

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.7	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1221	ND		1.7	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1232	ND		1.7	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1242	**10**		1.7	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1248	ND		1.7	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1254	**12**		1.7	0.79	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5
PCB-1260	**3.1**		1.7	0.79	mg/Kg	☼	08/10/13 09:43	08/12/13 19:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*47 - 176*	*08/10/13 09:43*	*08/12/13 19:18*	*5*
Tetrachloro-m-xylene	*101*		*46 - 175*	*08/10/13 09:43*	*08/12/13 19:18*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19.0**		3.1	0.63	mg/Kg	☼	08/12/13 15:50	08/13/13 11:09	1
Barium	**1370**	**^**	0.78	0.17	mg/Kg	☼	08/12/13 15:50	08/13/13 11:09	1
Cadmium	**155**		0.63	0.094	mg/Kg	☼	08/12/13 15:50	08/15/13 16:17	2
Lead	**1640**		3.1	0.75	mg/Kg	☼	08/12/13 15:50	08/15/13 16:17	2
Selenium	**15.9**	**B**	6.3	0.63	mg/Kg	☼	08/12/13 15:50	08/13/13 11:09	1

Client Sample ID: PNOU-1-4-12

Lab Sample ID: 480-43541-2

Date Collected: 08/08/13 09:00
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 54.7

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.2	0.42	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1221	ND		2.2	0.42	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1232	ND		2.2	0.42	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1242	**7.7**		2.2	0.42	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1248	ND		2.2	0.42	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1254	**11**		2.2	1.0	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5
PCB-1260	**3.3**		2.2	1.0	mg/Kg	☼	08/10/13 09:43	08/12/13 19:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*47 - 176*	*08/10/13 09:43*	*08/12/13 19:32*	*5*
Tetrachloro-m-xylene	*121*		*46 - 175*	*08/10/13 09:43*	*08/12/13 19:32*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16.8**		3.8	0.77	mg/Kg	☼	08/12/13 15:50	08/13/13 11:12	1
Barium	**1700**	**^**	0.96	0.21	mg/Kg	☼	08/12/13 15:50	08/13/13 11:12	1
Cadmium	**118**		0.38	0.058	mg/Kg	☼	08/12/13 15:50	08/13/13 11:12	1
Lead	**1090**		1.9	0.46	mg/Kg	☼	08/12/13 15:50	08/13/13 11:12	1
Selenium	**24.7**	**B**	7.7	0.77	mg/Kg	☼	08/12/13 15:50	08/13/13 11:12	1

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-2-0-4

Lab Sample ID: 480-43541-3

Date Collected: 08/08/13 09:15
Date Received: 08/09/13 02:45

Matrix: Solid
Percent Solids: 72.5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1221	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1232	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1242	**13**		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1248	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1254	**10**		1.4	0.64	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5
PCB-1260	**2.7**		1.4	0.64	mg/Kg	☼	08/10/13 09:43	08/12/13 19:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*47 - 176*	*08/10/13 09:43*	*08/12/13 19:47*	*5*
Tetrachloro-m-xylene	*98*		*46 - 175*	*08/10/13 09:43*	*08/12/13 19:47*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**26.3**		2.8	0.56	mg/Kg	☼	08/12/13 15:50	08/13/13 11:20	1
Barium	**843**	**^**	0.70	0.15	mg/Kg	☼	08/12/13 15:50	08/13/13 11:20	1
Cadmium	**74.5**		1.4	0.21	mg/Kg	☼	08/12/13 15:50	08/15/13 16:20	5
Lead	**1100**		7.0	1.7	mg/Kg	☼	08/12/13 15:50	08/15/13 16:20	5
Selenium	**4.1**	**J B**	5.6	0.56	mg/Kg	☼	08/12/13 15:50	08/13/13 11:20	1

Client Sample ID: PNOU-2-4-12

Lab Sample ID: 480-43541-4

Date Collected: 08/08/13 09:30
Date Received: 08/09/13 02:45

Matrix: Solid
Percent Solids: 76.8

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		14	2.7	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1221	ND		14	2.7	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1232	ND		14	2.7	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1242	**33**		14	2.7	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1248	ND		14	2.7	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1254	**38**		14	6.5	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50
PCB-1260	**14**		14	6.5	mg/Kg	☼	08/10/13 09:43	08/12/13 20:02	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*168*		*47 - 176*	*08/10/13 09:43*	*08/12/13 20:02*	*50*
Tetrachloro-m-xylene	*141*		*46 - 175*	*08/10/13 09:43*	*08/12/13 20:02*	*50*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**26.5**		2.4	0.47	mg/Kg	☼	08/12/13 15:50	08/13/13 11:23	1
Barium	**1530**		3.0	0.65	mg/Kg	☼	08/12/13 15:50	08/15/13 16:22	5
Cadmium	**145**		1.2	0.18	mg/Kg	☼	08/12/13 15:50	08/15/13 16:22	5
Lead	**1410**		5.9	1.4	mg/Kg	☼	08/12/13 15:50	08/15/13 16:22	5
Selenium	**7.4**	**B**	4.7	0.47	mg/Kg	☼	08/12/13 15:50	08/13/13 11:23	1

Client Sample ID: PNOU-3-0-4

Lab Sample ID: 480-43541-5

Date Collected: 08/08/13 09:50

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 64.3

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.69	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1221	ND		0.69	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1232	ND		0.69	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1242	**6.5**		0.69	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1248	ND		0.69	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1254	**4.8**		0.69	0.32	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2
PCB-1260	**0.90**		0.69	0.32	mg/Kg	☼	08/10/13 09:43	08/12/13 20:17	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*47 - 176*	*08/10/13 09:43*	*08/12/13 20:17*	*2*
Tetrachloro-m-xylene	*100*		*46 - 175*	*08/10/13 09:43*	*08/12/13 20:17*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.6**		2.7	0.55	mg/Kg	☼	08/12/13 15:50	08/13/13 11:26	1
Barium	**465**	^	0.68	0.15	mg/Kg	☼	08/12/13 15:50	08/13/13 11:26	1
Cadmium	**32.2**		0.55	0.082	mg/Kg	☼	08/12/13 15:50	08/15/13 16:25	2
Lead	**738**		2.7	0.66	mg/Kg	☼	08/12/13 15:50	08/15/13 16:25	2
Selenium	**2.5**	J B	5.5	0.55	mg/Kg	☼	08/12/13 15:50	08/13/13 11:26	1

Client Sample ID: PNOU-3-4-12

Lab Sample ID: 480-43541-6

Date Collected: 08/08/13 10:10

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 68.5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.7	0.34	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1221	ND		1.7	0.34	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1232	ND		1.7	0.34	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1242	**7.4**		1.7	0.34	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1248	ND		1.7	0.34	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1254	**5.8**		1.7	0.81	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5
PCB-1260	**1.0**	J	1.7	0.81	mg/Kg	☼	08/10/13 09:43	08/12/13 20:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*47 - 176*	*08/10/13 09:43*	*08/12/13 20:31*	*5*
Tetrachloro-m-xylene	*104*		*46 - 175*	*08/10/13 09:43*	*08/12/13 20:31*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11.0**		2.7	0.55	mg/Kg	☼	08/12/13 15:50	08/13/13 11:29	1
Barium	**355**	^	0.68	0.15	mg/Kg	☼	08/12/13 15:50	08/13/13 11:29	1
Cadmium	**8.7**		0.55	0.082	mg/Kg	☼	08/12/13 15:50	08/15/13 16:28	2
Lead	**344**		2.7	0.66	mg/Kg	☼	08/12/13 15:50	08/15/13 16:28	2
Selenium	**2.6**	J B	5.5	0.55	mg/Kg	☼	08/12/13 15:50	08/13/13 11:29	1

Client Sample ID: PNOU-4-0-4

Date Collected: 08/08/13 10:30
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-7
Matrix: Solid
Percent Solids: 66.4

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.65	0.13	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1221	ND		0.65	0.13	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1232	ND		0.65	0.13	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1242	**4.8**		0.65	0.13	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1248	ND		0.65	0.13	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1254	**8.4**		0.65	0.30	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2
PCB-1260	**1.9**		0.65	0.30	mg/Kg	☼	08/10/13 09:43	08/12/13 20:46	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*47 - 176*	*08/10/13 09:43*	*08/12/13 20:46*	*2*
Tetrachloro-m-xylene	*97*		*46 - 175*	*08/10/13 09:43*	*08/12/13 20:46*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		2.7	0.53	mg/Kg	☼	08/12/13 15:50	08/13/13 11:32	1
Barium	**391**	**^**	0.66	0.15	mg/Kg	☼	08/12/13 15:50	08/13/13 11:32	1
Cadmium	**35.7**		0.27	0.040	mg/Kg	☼	08/12/13 15:50	08/13/13 11:32	1
Lead	**662**		1.3	0.32	mg/Kg	☼	08/12/13 15:50	08/13/13 11:32	1
Selenium	**3.6**	**J B**	5.3	0.53	mg/Kg	☼	08/12/13 15:50	08/13/13 11:32	1

Client Sample ID: PNOU-4-4-15

Date Collected: 08/08/13 10:50
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-8
Matrix: Solid
Percent Solids: 71.6

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6	0.31	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1221	ND		1.6	0.31	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1232	ND		1.6	0.31	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1242	**5.6**		1.6	0.31	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1248	ND		1.6	0.31	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1254	**7.1**		1.6	0.74	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5
PCB-1260	**1.6**		1.6	0.74	mg/Kg	☼	08/10/13 09:43	08/12/13 21:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*47 - 176*	*08/10/13 09:43*	*08/12/13 21:31*	*5*
Tetrachloro-m-xylene	*94*		*46 - 175*	*08/10/13 09:43*	*08/12/13 21:31*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14.1**		3.0	0.59	mg/Kg	☼	08/12/13 15:50	08/13/13 11:35	1
Barium	**873**	**^**	0.74	0.16	mg/Kg	☼	08/12/13 15:50	08/13/13 11:35	1
Cadmium	**46.9**		1.5	0.22	mg/Kg	☼	08/12/13 15:50	08/15/13 16:31	5
Lead	**776**		7.4	1.8	mg/Kg	☼	08/12/13 15:50	08/15/13 16:31	5
Selenium	**4.2**	**J B**	5.9	0.59	mg/Kg	☼	08/12/13 15:50	08/13/13 11:35	1

Client Sample ID: PNOU-5-0-4

Date Collected: 08/08/13 11:30
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-9
Matrix: Solid
Percent Solids: 64.0

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.55	0.11	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1221	ND		0.55	0.11	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1232	ND		0.55	0.11	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1242	**6.2**		0.55	0.11	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1248	ND		0.55	0.11	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1254	**5.1**		0.55	0.26	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2
PCB-1260	**0.91**		0.55	0.26	mg/Kg	☼	08/10/13 09:43	08/12/13 21:45	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*47 - 176*	*08/10/13 09:43*	*08/12/13 21:45*	*2*
Tetrachloro-m-xylene	*97*		*46 - 175*	*08/10/13 09:43*	*08/12/13 21:45*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**46.5**		2.9	0.58	mg/Kg	☼	08/12/13 15:50	08/13/13 11:37	1
Barium	**518**	**^**	0.73	0.16	mg/Kg	☼	08/12/13 15:50	08/13/13 11:37	1
Cadmium	**49.9**		1.5	0.22	mg/Kg	☼	08/12/13 15:50	08/15/13 16:33	5
Lead	**27700**		7.3	1.8	mg/Kg	☼	08/12/13 15:50	08/15/13 16:33	5
Selenium	**7.4**	**B**	5.8	0.58	mg/Kg	☼	08/12/13 15:50	08/13/13 11:37	1

Client Sample ID: PNOU-5-4-16

Date Collected: 08/08/13 11:55
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-10
Matrix: Solid
Percent Solids: 68.9

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.3	0.25	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1221	ND		1.3	0.25	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1232	ND		1.3	0.25	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1242	**6.3**		1.3	0.25	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1248	ND		1.3	0.25	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1254	**5.2**		1.3	0.60	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5
PCB-1260	**1.6**		1.3	0.60	mg/Kg	☼	08/10/13 09:43	08/12/13 22:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*47 - 176*	*08/10/13 09:43*	*08/12/13 22:00*	*5*
Tetrachloro-m-xylene	*105*		*46 - 175*	*08/10/13 09:43*	*08/12/13 22:00*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20.1**		3.2	0.64	mg/Kg	☼	08/12/13 15:50	08/13/13 11:40	1
Barium	**1330**	**^**	0.80	0.18	mg/Kg	☼	08/12/13 15:50	08/13/13 11:40	1
Cadmium	**30.3**		0.32	0.048	mg/Kg	☼	08/12/13 15:50	08/13/13 11:40	1
Lead	**1270**		1.6	0.38	mg/Kg	☼	08/12/13 15:50	08/13/13 11:40	1
Selenium	**3.6**	**J B**	6.4	0.64	mg/Kg	☼	08/12/13 15:50	08/13/13 11:40	1

Client Sample ID: PNOU-6-0-4

Lab Sample ID: 480-43541-11

Date Collected: 08/08/13 12:10

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 62.6

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.74	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1221	ND		0.74	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1232	ND		0.74	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1242	**11**		0.74	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1248	ND		0.74	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1254	**6.9**		0.74	0.35	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2
PCB-1260	**1.4**		0.74	0.35	mg/Kg	☼	08/10/13 09:43	08/12/13 22:15	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*47 - 176*	*08/10/13 09:43*	*08/12/13 22:15*	*2*
Tetrachloro-m-xylene	*87*		*46 - 175*	*08/10/13 09:43*	*08/12/13 22:15*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12.0**		3.0	0.60	mg/Kg	☼	08/12/13 15:50	08/13/13 11:43	1
Barium	**465**	**^**	0.74	0.16	mg/Kg	☼	08/12/13 15:50	08/13/13 11:43	1
Cadmium	**24.7**		0.60	0.089	mg/Kg	☼	08/12/13 15:50	08/15/13 16:36	2
Lead	**700**		3.0	0.71	mg/Kg	☼	08/12/13 15:50	08/15/13 16:36	2
Selenium	**3.0**	**J B**	6.0	0.60	mg/Kg	☼	08/12/13 15:50	08/13/13 11:43	1

Client Sample ID: PNOU-6-4-16

Lab Sample ID: 480-43541-12

Date Collected: 08/08/13 12:30

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 75.3

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1221	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1232	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1242	**6.6**		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1248	ND		1.4	0.27	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1254	**3.0**		1.4	0.65	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5
PCB-1260	ND		1.4	0.65	mg/Kg	☼	08/10/13 09:43	08/12/13 22:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*47 - 176*	*08/10/13 09:43*	*08/12/13 22:30*	*5*
Tetrachloro-m-xylene	*96*		*46 - 175*	*08/10/13 09:43*	*08/12/13 22:30*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.9**		2.5	0.50	mg/Kg	☼	08/12/13 15:50	08/13/13 11:46	1
Barium	**488**	**^**	0.63	0.14	mg/Kg	☼	08/12/13 15:50	08/13/13 11:46	1
Cadmium	**30.0**		0.25	0.038	mg/Kg	☼	08/12/13 15:50	08/13/13 11:46	1
Lead	**990**		1.3	0.30	mg/Kg	☼	08/12/13 15:50	08/13/13 11:46	1
Selenium	**38.8**	**B**	5.0	0.50	mg/Kg	☼	08/12/13 15:50	08/13/13 11:46	1

Client Sample ID: PNOU-7-0-4

Lab Sample ID: 480-43541-13

Date Collected: 08/08/13 12:40
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 61.1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		3.6	0.70	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1221	ND		3.6	0.70	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1232	ND		3.6	0.70	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1242	**11**		3.6	0.70	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1248	ND		3.6	0.70	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1254	**9.8**		3.6	1.7	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10
PCB-1260	ND		3.6	1.7	mg/Kg	☼	08/10/13 09:43	08/12/13 19:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*47 - 176*	*08/10/13 09:43*	*08/12/13 19:03*	*10*
Tetrachloro-m-xylene	*121*		*46 - 175*	*08/10/13 09:43*	*08/12/13 19:03*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**22.3**		3.6	0.72	mg/Kg	☼	08/12/13 15:50	08/13/13 11:54	1
Barium	**511**		0.90	0.20	mg/Kg	☼	08/12/13 15:50	08/13/13 11:54	1
Cadmium	**32.7**		1.8	0.27	mg/Kg	☼	08/12/13 15:50	08/15/13 16:44	5
Lead	**1070**		9.0	2.2	mg/Kg	☼	08/12/13 15:50	08/15/13 16:44	5
Selenium	**2.9**	**J B**	7.2	0.72	mg/Kg	☼	08/12/13 15:50	08/13/13 11:54	1

Client Sample ID: PNOU-8-0-4

Lab Sample ID: 480-43541-14

Date Collected: 08/08/13 13:00
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 53.8

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.70	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1221	ND		0.70	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1232	ND		0.70	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1242	**9.4**		0.70	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1248	ND		0.70	0.14	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1254	**7.9**		0.70	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2
PCB-1260	**1.8**		0.70	0.33	mg/Kg	☼	08/10/13 09:43	08/12/13 22:45	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*47 - 176*	*08/10/13 09:43*	*08/12/13 22:45*	*2*
Tetrachloro-m-xylene	*70*		*46 - 175*	*08/10/13 09:43*	*08/12/13 22:45*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**44.4**		4.0	0.81	mg/Kg	☼	08/12/13 15:50	08/13/13 12:09	1
Barium	**336**		1.0	0.22	mg/Kg	☼	08/12/13 15:50	08/13/13 12:09	1
Cadmium	**26.7**		2.0	0.30	mg/Kg	☼	08/12/13 15:50	08/15/13 16:57	5
Lead	**602**		10.1	2.4	mg/Kg	☼	08/12/13 15:50	08/15/13 16:57	5
Selenium	**3.4**	**J B**	8.1	0.81	mg/Kg	☼	08/12/13 15:50	08/13/13 12:09	1

Client Sample ID: PNOU-8-4-10

Lab Sample ID: 480-43541-15

Date Collected: 08/08/13 13:10

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 63.7

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.4	0.28	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1221	ND		1.4	0.28	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1232	ND		1.4	0.28	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1242	**7.9**		1.4	0.28	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1248	ND		1.4	0.28	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1254	**5.6**		1.4	0.67	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5
PCB-1260	**0.97**	**J**	1.4	0.67	mg/Kg	☼	08/10/13 09:43	08/12/13 23:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*47 - 176*	*08/10/13 09:43*	*08/12/13 23:00*	*5*
Tetrachloro-m-xylene	*113*		*46 - 175*	*08/10/13 09:43*	*08/12/13 23:00*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11.1**		3.3	0.65	mg/Kg	☼	08/12/13 15:50	08/13/13 12:11	1
Barium	**626**		0.81	0.18	mg/Kg	☼	08/12/13 15:50	08/13/13 12:11	1
Cadmium	**36.4**		0.65	0.098	mg/Kg	☼	08/12/13 15:50	08/15/13 16:59	2
Lead	**1060**		3.3	0.78	mg/Kg	☼	08/12/13 15:50	08/15/13 16:59	2
Selenium	**2.3**	**J B**	6.5	0.65	mg/Kg	☼	08/12/13 15:50	08/13/13 12:11	1

Client Sample ID: X-1

Lab Sample ID: 480-43541-16

Date Collected: 08/08/13 00:00

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 57.3

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.39	0.077	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1221	ND		0.39	0.077	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1232	ND		0.39	0.077	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1242	**6.4**		0.39	0.077	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1248	ND		0.39	0.077	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1254	**4.6**		0.39	0.18	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1
PCB-1260	**1.0**		0.39	0.18	mg/Kg	☼	08/10/13 09:43	08/12/13 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*47 - 176*	*08/10/13 09:43*	*08/12/13 23:14*	*1*
Tetrachloro-m-xylene	*90*		*46 - 175*	*08/10/13 09:43*	*08/12/13 23:14*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10.5**		3.3	0.67	mg/Kg	☼	08/12/13 15:50	08/13/13 12:14	1
Barium	**411**		0.84	0.18	mg/Kg	☼	08/12/13 15:50	08/13/13 12:14	1
Cadmium	**22.9**		0.33	0.050	mg/Kg	☼	08/12/13 15:50	08/13/13 12:14	1
Lead	**627**		1.7	0.40	mg/Kg	☼	08/12/13 15:50	08/13/13 12:14	1
Selenium	**3.3**	**J B**	6.7	0.67	mg/Kg	☼	08/12/13 15:50	08/13/13 12:14	1

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-7-4-14
Date Collected: 08/08/13 12:50
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-17
Matrix: Solid
Percent Solids: 72.0

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.6	0.50	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1221	ND		2.6	0.50	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1232	ND		2.6	0.50	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1242	**13**		2.6	0.50	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1248	ND		2.6	0.50	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1254	**16**		2.6	1.2	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10
PCB-1260	**3.5**		2.6	1.2	mg/Kg	☼	08/10/13 09:43	08/12/13 23:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*47 - 176*	*08/10/13 09:43*	*08/12/13 23:29*	*10*
Tetrachloro-m-xylene	*126*		*46 - 175*	*08/10/13 09:43*	*08/12/13 23:29*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.5**		2.5	0.51	mg/Kg	☼	08/12/13 15:50	08/13/13 12:17	1
Barium	**836**		0.64	0.14	mg/Kg	☼	08/12/13 15:50	08/13/13 12:17	1
Cadmium	**104**		0.25	0.038	mg/Kg	☼	08/12/13 15:50	08/13/13 12:17	1
Lead	**930**		1.3	0.31	mg/Kg	☼	08/12/13 15:50	08/13/13 12:17	1
Selenium	**4.5**	**J B**	5.1	0.51	mg/Kg	☼	08/12/13 15:50	08/13/13 12:17	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB2	TCX2										
Lab Sample ID	Client Sample ID	(47-176)	(46-175)										
480-43541-1	PNOU-1-0-4	113	101										
480-43541-2	PNOU-1-4-12	121	121										
480-43541-3	PNOU-2-0-4	102	98										
480-43541-4	PNOU-2-4-12	168	141										
480-43541-5	PNOU-3-0-4	94	100										
480-43541-6	PNOU-3-4-12	101	104										
480-43541-7	PNOU-4-0-4	109	97										
480-43541-8	PNOU-4-4-15	94	94										
480-43541-9	PNOU-5-0-4	95	97										
480-43541-10	PNOU-5-4-16	104	105										
480-43541-11	PNOU-6-0-4	69	87										
480-43541-12	PNOU-6-4-16	81	96										
480-43541-13	PNOU-7-0-4	122	121										
480-43541-13 MS	PNOU-7-0-4	154	148										
480-43541-13 MSD	PNOU-7-0-4	141	130										
480-43541-14	PNOU-8-0-4	70	70										
480-43541-15	PNOU-8-4-10	108	113										
480-43541-16	X-1	85	90										
480-43541-17	PNOU-7-4-14	130	126										
LCS 480-133367/2-A	Lab Control Sample	102	118										
MB 480-133367/1-A	Method Blank	86	100										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-133367/1-A
Matrix: Solid
Analysis Batch: 133433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133367

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.038	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1221	ND		0.19	0.038	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1232	ND		0.19	0.038	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1242	ND		0.19	0.038	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1248	ND		0.19	0.038	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1254	ND		0.19	0.090	mg/Kg		08/10/13 09:43	08/12/13 17:05	1
PCB-1260	ND		0.19	0.090	mg/Kg		08/10/13 09:43	08/12/13 17:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*47 - 176*	*08/10/13 09:43*	*08/12/13 17:05*	*1*
Tetrachloro-m-xylene	*100*		*46 - 175*	*08/10/13 09:43*	*08/12/13 17:05*	*1*

Lab Sample ID: LCS 480-133367/2-A
Matrix: Solid
Analysis Batch: 133433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.92	2.21		mg/Kg		115	51 - 185
PCB-1260	1.92	2.02		mg/Kg		105	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*102*		*47 - 176*
Tetrachloro-m-xylene	*118*		*46 - 175*

Lab Sample ID: 480-43541-13 MS
Matrix: Solid
Analysis Batch: 133433

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133367

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		3.79	25.3	F	mg/Kg	☼	669	42 - 159
PCB-1260	ND		3.79	5.97	F	mg/Kg	☼	158	47 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*154*		*47 - 176*
Tetrachloro-m-xylene	*148*		*46 - 175*

Lab Sample ID: 480-43541-13 MSD
Matrix: Solid
Analysis Batch: 133433

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133367

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		3.45	25.6	F	mg/Kg	☼	742	42 - 159	1	50
PCB-1260	ND		3.45	8.63	F	mg/Kg	☼	250	47 - 153	36	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*141*		*47 - 176*
Tetrachloro-m-xylene	*130*		*46 - 175*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-133511/1-A
Matrix: Solid
Analysis Batch: 133791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		08/12/13 15:50	08/13/13 11:04	1
Barium	ND		0.49	0.11	mg/Kg		08/12/13 15:50	08/13/13 11:04	1
Cadmium	ND		0.20	0.029	mg/Kg		08/12/13 15:50	08/13/13 11:04	1
Lead	ND		0.98	0.23	mg/Kg		08/12/13 15:50	08/13/13 11:04	1
Selenium	0.468	J	3.9	0.39	mg/Kg		08/12/13 15:50	08/13/13 11:04	1

Lab Sample ID: LCSSRM 480-133511/2-A
Matrix: Solid
Analysis Batch: 133791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	161	148.0		mg/Kg		91.8	70.8 - 129.8
Barium	385	357.5		mg/Kg		92.8	74.3 - 125.7
Cadmium	149	144.6		mg/Kg		96.9	73.8 - 128.2
Lead	103	98.25		mg/Kg		95.3	70.9 - 128.2
Selenium	153	140.2		mg/Kg		91.5	67.3 - 132.0

Lab Sample ID: 480-43541-13 MS
Matrix: Solid
Analysis Batch: 133791

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	22.3		65.5	75.52		mg/Kg	☼	81	75 - 125
Barium	511		65.5	740.9	4	mg/Kg	☼	351	75 - 125
Selenium	2.9	J B	65.5	53.05		mg/Kg	☼	77	75 - 125

Lab Sample ID: 480-43541-13 MS
Matrix: Solid
Analysis Batch: 134316

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	32.7		65.5	108.0		mg/Kg	☼	115	75 - 125
Lead	1070		65.5	1372	4	mg/Kg	☼	457	75 - 125

Lab Sample ID: 480-43541-13 MSD
Matrix: Solid
Analysis Batch: 133791

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	22.3		58.3	76.25		mg/Kg	☼	93	75 - 125	1	20
Barium	511		58.3	865.4	4	mg/Kg	☼	609	75 - 125	16	20
Selenium	2.9	J B	58.3	62.32		mg/Kg	☼	102	75 - 125	16	20

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-43541-13 MSD
Matrix: Solid
Analysis Batch: 134316

Client Sample ID: PNOU-7-0-4
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	32.7		58.3	102.6		mg/Kg	☼	120	75 - 125	5	20
Lead	1070		58.3	1476	4	mg/Kg	☼	690	75 - 125	7	20

GC Semi VOA

Prep Batch: 133367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	3550B	
480-43541-2	PNOU-1-4-12	Total/NA	Solid	3550B	
480-43541-3	PNOU-2-0-4	Total/NA	Solid	3550B	
480-43541-4	PNOU-2-4-12	Total/NA	Solid	3550B	
480-43541-5	PNOU-3-0-4	Total/NA	Solid	3550B	
480-43541-6	PNOU-3-4-12	Total/NA	Solid	3550B	
480-43541-7	PNOU-4-0-4	Total/NA	Solid	3550B	
480-43541-8	PNOU-4-4-15	Total/NA	Solid	3550B	
480-43541-9	PNOU-5-0-4	Total/NA	Solid	3550B	
480-43541-10	PNOU-5-4-16	Total/NA	Solid	3550B	
480-43541-11	PNOU-6-0-4	Total/NA	Solid	3550B	
480-43541-12	PNOU-6-4-16	Total/NA	Solid	3550B	
480-43541-13	PNOU-7-0-4	Total/NA	Solid	3550B	
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	3550B	
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	3550B	
480-43541-14	PNOU-8-0-4	Total/NA	Solid	3550B	
480-43541-15	PNOU-8-4-10	Total/NA	Solid	3550B	
480-43541-16	X-1	Total/NA	Solid	3550B	
480-43541-17	PNOU-7-4-14	Total/NA	Solid	3550B	
LCS 480-133367/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-133367/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 133433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	8082	133367
480-43541-2	PNOU-1-4-12	Total/NA	Solid	8082	133367
480-43541-3	PNOU-2-0-4	Total/NA	Solid	8082	133367
480-43541-4	PNOU-2-4-12	Total/NA	Solid	8082	133367
480-43541-5	PNOU-3-0-4	Total/NA	Solid	8082	133367
480-43541-6	PNOU-3-4-12	Total/NA	Solid	8082	133367
480-43541-7	PNOU-4-0-4	Total/NA	Solid	8082	133367
480-43541-8	PNOU-4-4-15	Total/NA	Solid	8082	133367
480-43541-9	PNOU-5-0-4	Total/NA	Solid	8082	133367
480-43541-10	PNOU-5-4-16	Total/NA	Solid	8082	133367
480-43541-11	PNOU-6-0-4	Total/NA	Solid	8082	133367
480-43541-12	PNOU-6-4-16	Total/NA	Solid	8082	133367
480-43541-13	PNOU-7-0-4	Total/NA	Solid	8082	133367
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	8082	133367
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	8082	133367
480-43541-14	PNOU-8-0-4	Total/NA	Solid	8082	133367
480-43541-15	PNOU-8-4-10	Total/NA	Solid	8082	133367
480-43541-16	X-1	Total/NA	Solid	8082	133367
480-43541-17	PNOU-7-4-14	Total/NA	Solid	8082	133367
LCS 480-133367/2-A	Lab Control Sample	Total/NA	Solid	8082	133367
MB 480-133367/1-A	Method Blank	Total/NA	Solid	8082	133367

Metals

Prep Batch: 133511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	3050B	
480-43541-2	PNOU-1-4-12	Total/NA	Solid	3050B	
480-43541-3	PNOU-2-0-4	Total/NA	Solid	3050B	
480-43541-4	PNOU-2-4-12	Total/NA	Solid	3050B	
480-43541-5	PNOU-3-0-4	Total/NA	Solid	3050B	
480-43541-6	PNOU-3-4-12	Total/NA	Solid	3050B	
480-43541-7	PNOU-4-0-4	Total/NA	Solid	3050B	
480-43541-8	PNOU-4-4-15	Total/NA	Solid	3050B	
480-43541-9	PNOU-5-0-4	Total/NA	Solid	3050B	
480-43541-10	PNOU-5-4-16	Total/NA	Solid	3050B	
480-43541-11	PNOU-6-0-4	Total/NA	Solid	3050B	
480-43541-12	PNOU-6-4-16	Total/NA	Solid	3050B	
480-43541-13	PNOU-7-0-4	Total/NA	Solid	3050B	
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	3050B	
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	3050B	
480-43541-14	PNOU-8-0-4	Total/NA	Solid	3050B	
480-43541-15	PNOU-8-4-10	Total/NA	Solid	3050B	
480-43541-16	X-1	Total/NA	Solid	3050B	
480-43541-17	PNOU-7-4-14	Total/NA	Solid	3050B	
LCSSRM 480-133511/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-133511/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 133791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	6010B	133511
480-43541-2	PNOU-1-4-12	Total/NA	Solid	6010B	133511
480-43541-3	PNOU-2-0-4	Total/NA	Solid	6010B	133511
480-43541-4	PNOU-2-4-12	Total/NA	Solid	6010B	133511
480-43541-5	PNOU-3-0-4	Total/NA	Solid	6010B	133511
480-43541-6	PNOU-3-4-12	Total/NA	Solid	6010B	133511
480-43541-7	PNOU-4-0-4	Total/NA	Solid	6010B	133511
480-43541-8	PNOU-4-4-15	Total/NA	Solid	6010B	133511
480-43541-9	PNOU-5-0-4	Total/NA	Solid	6010B	133511
480-43541-10	PNOU-5-4-16	Total/NA	Solid	6010B	133511
480-43541-11	PNOU-6-0-4	Total/NA	Solid	6010B	133511
480-43541-12	PNOU-6-4-16	Total/NA	Solid	6010B	133511
480-43541-13	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-14	PNOU-8-0-4	Total/NA	Solid	6010B	133511
480-43541-15	PNOU-8-4-10	Total/NA	Solid	6010B	133511
480-43541-16	X-1	Total/NA	Solid	6010B	133511
480-43541-17	PNOU-7-4-14	Total/NA	Solid	6010B	133511
LCSSRM 480-133511/2-A	Lab Control Sample	Total/NA	Solid	6010B	133511
MB 480-133511/1-A	Method Blank	Total/NA	Solid	6010B	133511

Analysis Batch: 134316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	6010B	133511
480-43541-3	PNOU-2-0-4	Total/NA	Solid	6010B	133511
480-43541-4	PNOU-2-4-12	Total/NA	Solid	6010B	133511

Metals (Continued)

Analysis Batch: 134316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-5	PNOU-3-0-4	Total/NA	Solid	6010B	133511
480-43541-6	PNOU-3-4-12	Total/NA	Solid	6010B	133511
480-43541-8	PNOU-4-4-15	Total/NA	Solid	6010B	133511
480-43541-9	PNOU-5-0-4	Total/NA	Solid	6010B	133511
480-43541-11	PNOU-6-0-4	Total/NA	Solid	6010B	133511
480-43541-13	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	6010B	133511
480-43541-14	PNOU-8-0-4	Total/NA	Solid	6010B	133511
480-43541-15	PNOU-8-4-10	Total/NA	Solid	6010B	133511

General Chemistry

Analysis Batch: 133315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43541-1	PNOU-1-0-4	Total/NA	Solid	Moisture	
480-43541-2	PNOU-1-4-12	Total/NA	Solid	Moisture	
480-43541-3	PNOU-2-0-4	Total/NA	Solid	Moisture	
480-43541-4	PNOU-2-4-12	Total/NA	Solid	Moisture	
480-43541-5	PNOU-3-0-4	Total/NA	Solid	Moisture	
480-43541-6	PNOU-3-4-12	Total/NA	Solid	Moisture	
480-43541-7	PNOU-4-0-4	Total/NA	Solid	Moisture	
480-43541-8	PNOU-4-4-15	Total/NA	Solid	Moisture	
480-43541-9	PNOU-5-0-4	Total/NA	Solid	Moisture	
480-43541-10	PNOU-5-4-16	Total/NA	Solid	Moisture	
480-43541-11	PNOU-6-0-4	Total/NA	Solid	Moisture	
480-43541-12	PNOU-6-4-16	Total/NA	Solid	Moisture	
480-43541-13	PNOU-7-0-4	Total/NA	Solid	Moisture	
480-43541-13 MS	PNOU-7-0-4	Total/NA	Solid	Moisture	
480-43541-13 MSD	PNOU-7-0-4	Total/NA	Solid	Moisture	
480-43541-14	PNOU-8-0-4	Total/NA	Solid	Moisture	
480-43541-15	PNOU-8-4-10	Total/NA	Solid	Moisture	
480-43541-16	X-1	Total/NA	Solid	Moisture	
480-43541-17	PNOU-7-4-14	Total/NA	Solid	Moisture	

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-1-0-4

Lab Sample ID: 480-43541-1
Date Collected: 08/08/13 08:40
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 62.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 19:18	JMM	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:09	AMH	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		2	134316	08/15/13 16:17	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-1-4-12

Lab Sample ID: 480-43541-2
Date Collected: 08/08/13 09:00
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 54.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 19:32	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:12	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-2-0-4

Lab Sample ID: 480-43541-3
Date Collected: 08/08/13 09:15
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 19:47	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:20	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:20	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-2-4-12

Lab Sample ID: 480-43541-4
Date Collected: 08/08/13 09:30
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		50	133433	08/12/13 20:02	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:23	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:22	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-3-0-4

Lab Sample ID: 480-43541-5

Date Collected: 08/08/13 09:50

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 64.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		2	133433	08/12/13 20:17	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:26	AMH	TAL BUF
Total/NA	Analysis	6010B		2	134316	08/15/13 16:25	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-3-4-12

Lab Sample ID: 480-43541-6

Date Collected: 08/08/13 10:10

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 68.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 20:31	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:29	AMH	TAL BUF
Total/NA	Analysis	6010B		2	134316	08/15/13 16:28	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-4-0-4

Lab Sample ID: 480-43541-7

Date Collected: 08/08/13 10:30

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 66.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		2	133433	08/12/13 20:46	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:32	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-4-4-15

Lab Sample ID: 480-43541-8

Date Collected: 08/08/13 10:50

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 71.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 21:31	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:35	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:31	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-5-0-4

Lab Sample ID: 480-43541-9

Date Collected: 08/08/13 11:30
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 64.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		2	133433	08/12/13 21:45	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:37	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:33	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-5-4-16

Lab Sample ID: 480-43541-10

Date Collected: 08/08/13 11:55
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 68.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 22:00	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:40	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-6-0-4

Lab Sample ID: 480-43541-11

Date Collected: 08/08/13 12:10
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 62.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		2	133433	08/12/13 22:15	JMM	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:43	AMH	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		2	134316	08/15/13 16:36	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-6-4-16

Lab Sample ID: 480-43541-12

Date Collected: 08/08/13 12:30
Matrix: Solid
Date Received: 08/09/13 02:45
Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 22:30	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:46	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-7-0-4

Lab Sample ID: 480-43541-13

Date Collected: 08/08/13 12:40

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 61.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		10	133433	08/12/13 19:03	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 11:54	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:44	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-8-0-4

Lab Sample ID: 480-43541-14

Date Collected: 08/08/13 13:00

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 53.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		2	133433	08/12/13 22:45	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 12:09	AMH	TAL BUF
Total/NA	Analysis	6010B		5	134316	08/15/13 16:57	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: PNOU-8-4-10

Lab Sample ID: 480-43541-15

Date Collected: 08/08/13 13:10

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 63.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		5	133433	08/12/13 23:00	JMM	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 12:11	AMH	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		2	134316	08/15/13 16:59	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Client Sample ID: X-1

Lab Sample ID: 480-43541-16

Date Collected: 08/08/13 00:00

Matrix: Solid

Date Received: 08/09/13 02:45

Percent Solids: 57.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		1	133433	08/12/13 23:14	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 12:14	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Client Sample ID: PNOU-7-4-14
Date Collected: 08/08/13 12:50
Date Received: 08/09/13 02:45

Lab Sample ID: 480-43541-17
Matrix: Solid
Percent Solids: 72.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			133367	08/10/13 09:43	KEB	TAL BUF
Total/NA	Analysis	8082		10	133433	08/12/13 23:29	JMM	TAL BUF
Total/NA	Prep	3050B			133511	08/12/13 15:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	133791	08/13/13 12:17	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	133315	08/09/13 18:53	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13 *

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Roth Steel Sampling Project

TestAmerica Job ID: 480-43541-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-43541-1	PNOU-1-0-4	Solid	08/08/13 08:40	08/09/13 02:45
480-43541-2	PNOU-1-4-12	Solid	08/08/13 09:00	08/09/13 02:45
480-43541-3	PNOU-2-0-4	Solid	08/08/13 09:15	08/09/13 02:45
480-43541-4	PNOU-2-4-12	Solid	08/08/13 09:30	08/09/13 02:45
480-43541-5	PNOU-3-0-4	Solid	08/08/13 09:50	08/09/13 02:45
480-43541-6	PNOU-3-4-12	Solid	08/08/13 10:10	08/09/13 02:45
480-43541-7	PNOU-4-0-4	Solid	08/08/13 10:30	08/09/13 02:45
480-43541-8	PNOU-4-4-15	Solid	08/08/13 10:50	08/09/13 02:45
480-43541-9	PNOU-5-0-4	Solid	08/08/13 11:30	08/09/13 02:45
480-43541-10	PNOU-5-4-16	Solid	08/08/13 11:55	08/09/13 02:45
480-43541-11	PNOU-6-0-4	Solid	08/08/13 12:10	08/09/13 02:45
480-43541-12	PNOU-6-4-16	Solid	08/08/13 12:30	08/09/13 02:45
480-43541-13	PNOU-7-0-4	Solid	08/08/13 12:40	08/09/13 02:45
480-43541-14	PNOU-8-0-4	Solid	08/08/13 13:00	08/09/13 02:45
480-43541-15	PNOU-8-4-10	Solid	08/08/13 13:10	08/09/13 02:45
480-43541-16	X-1	Solid	08/08/13 00:00	08/09/13 02:45
480-43541-17	PNOU-7-4-14	Solid	08/08/13 12:50	08/09/13 02:45

Chain of Custody Record

TestAmerica

Client Information	Sampler: CVJ	Lab PM: Deyo, Melissa L	Carrier Tracking No(s)	COC No: 480-38412-10097.1
Client Contact: Mr. Kendrick Jaglal	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America				Job #:
Address: PO BOX 4873	Due Date Requested:			
City: Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6465(Tel) 315-463-7554(Fax)	PO #: 11311153EST			
Email: kendrick.jaglal@obg.com	WO #:			
Project Name: Roth Steel Sampling Project	Project #: 48007399			
Site: Roth Steel	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - TCL PCBs - OLM04.2	6010B - Metals ICP - As, Ba, Cd, Pb & Se	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
PNOV-1-0-4	8-8-13	0810	C	Solid	N		X	X	2	
PNOV-1-4-12		0900		Solid			X	X	2	
PNOV-2-0-4		0915		Solid			X	X	2	
PNOV-2-4-12		0930		Solid			X	X	2	
PNOV-3-0-4		0950		Solid			X	X	2	
PNOV-3-4-12		1010		Solid			X	X	2	
PNOV-4-0-4		1030		Solid			X	X	2	
PNOV-4-4-15		1050		Solid			X	X	2	
PNOV-5-0-4		1130		Solid			X	X	2	
PNOV-5-4-16		1155		Solid			X	X	2	
PNOV-6-0-4		1210		Solid			X	X	2	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
C. Van Valin	8-8-13 / 1330		Reinhold	8-8-13, 1330	Syr
Reinhold	8-8-13, 19:00	Syr		8-9-13 0745	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3#1

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-38412-10097.2
Client Contact: Mr. Kendrick Jaglal	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: O'Brien & Gere Inc of North America				Job #:

Address: PO BOX 4873	Due Date Requested:
City: Syracuse	TAT Requested (days):
State, Zip: NY, 13221	
Phone: 315-956-6465(Tel) 315-463-7554(Fax)	PO #: 11311153EST
Email: kendrick.jaglal@obg.com	WO #:
Project Name: Roth Steel Sampling Project	Project #: 48007399
Site: Roth Steel	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082 - TCL PCBs - OLM04.2	6010B - Metals ICP - As, Ba, Cd, Pb & Se	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
PNOV-G-4-16		1230	C	Solid			X	X	2	
PNOV-7-0-4		1240		Solid		Y	X	X	2	
PNOV-7-0-4 (MS)		1240		Solid		Y	X	X	2	
PNOV-7-0-4 (MSD)		1240		Solid		Y	X	X	2	
PNOV-8-04		1300		Solid			X	X	2	
PNOV-8-4-10		1310		Solid			X	X	2	
X-1		-		Solid			X	X	2	
PNOV-7-4-14		1250		Solid			X	X	2	
				Solid						
				Solid						

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: C. Yon Vecic	Date/Time: 8-8-13 1530	Company	Received by:	Date/Time: 8-8-13, 13:30	Company: SyR
Relinquished by:	Date/Time: 8-8-13, 19.00	Company: SyR	Received by:	Date/Time: 8-9-13 02:15	Company: TA
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3 #1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-43541-1

Login Number: 43541

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	