

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: 480-15389-1
Client Project/Site: Niacet Site

For:
URS Corporation
77 Goodell Street
Buffalo, New York 14203

Attn: Mr. Peter R Fairbanks

Melissa Deyo

Authorized for release by:
2/6/2012 11:58:24 AM

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

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Job ID: 480-15389-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-15389-1

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 7470A: The following sample were diluted due to the abundance of target analyte Mercury: SB-072R (480-15389-8), SB-074R (480-15389-9), VIS-1 (480-15389-12), SB-070R (480-15389-15), SB-075R (480-15389-16) and VIS-4 (480-15389-19). Elevated reporting limits (RLs) are provided.

Method 7471A: The following samples were diluted due to the abundance of target analyte Mercury: SB-033R (480-15389-1), SB-039R (480-15389-2), MW-01R (480-15389-3), SB-049R (480-15389-4), SB-053R (480-15389-5), SB-061R (480-15389-6), SB-071R (480-15389-7), SB-072R (480-15389-8), SB-074R (480-15389-9), SB-064R (480-15389-10), SB-063R (480-15389-11), VIS-1 (480-15389-12), VIS-2 (480-15389-13), VIS-3 (480-15389-14), SB-070R (480-15389-15), SB-075R (480-15389-16), SB-062R (480-15389-17), SB-059R (480-15389-18) and VIS-4 (480-15389-19). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.



Detection Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-033R

Lab Sample ID: 480-15389-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0019		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	405		24.0	9.7	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: SB-039R

Lab Sample ID: 480-15389-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00045		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	94.2		4.7	1.9	mg/Kg	200	*	7471A	Total/NA

Client Sample ID: MW-01R

Lab Sample ID: 480-15389-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00047		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	213		13.4	5.4	mg/Kg	500	*	7471A	Total/NA

Client Sample ID: SB-049R

Lab Sample ID: 480-15389-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0020		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	835		48.5	19.6	mg/Kg	2000	*	7471A	Total/NA

Client Sample ID: SB-053R

Lab Sample ID: 480-15389-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00043		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	754		27.0	10.9	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: SB-061R

Lab Sample ID: 480-15389-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00090		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	1110		45.7	18.5	mg/Kg	2000	*	7471A	Total/NA

Client Sample ID: SB-071R

Lab Sample ID: 480-15389-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0048		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	351		25.0	10.1	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: SB-072R

Lab Sample ID: 480-15389-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	1.6		0.020	0.012	mg/L	100		7470A	TCLP
Mercury	7780		218	88.2	mg/Kg	10000	*	7471A	Total/NA

Client Sample ID: SB-074R

Lab Sample ID: 480-15389-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.25		0.0040	0.0024	mg/L	20		7470A	TCLP
Mercury	2500		227	92.0	mg/Kg	10000	*	7471A	Total/NA

Client Sample ID: SB-064R

Lab Sample ID: 480-15389-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.25		0.0040	0.0024	mg/L	20		7470A	TCLP
Mercury	2500		227	92.0	mg/Kg	10000	*	7471A	Total/NA

Detection Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-064R (Continued)

Lab Sample ID: 480-15389-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00048		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	512		23.5	9.5	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: SB-063R

Lab Sample ID: 480-15389-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0030		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	1160		48.7	19.7	mg/Kg	2000	*	7471A	Total/NA

Client Sample ID: VIS-1

Lab Sample ID: 480-15389-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.97		0.020	0.012	mg/L	100		7470A	TCLP
Mercury	44200		2500	1010	mg/Kg	100000	*	7471A	Total/NA

Client Sample ID: VIS-2

Lab Sample ID: 480-15389-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0018		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	1170		46.5	18.8	mg/Kg	2000	*	7471A	Total/NA

Client Sample ID: VIS-3

Lab Sample ID: 480-15389-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0093		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	12700		503	204	mg/Kg	20000	*	7471A	Total/NA

Client Sample ID: SB-070R

Lab Sample ID: 480-15389-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.11		0.0020	0.0012	mg/L	10		7470A	TCLP
Mercury	3450		262	106	mg/Kg	10000	*	7471A	Total/NA

Client Sample ID: SB-075R

Lab Sample ID: 480-15389-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.077		0.0020	0.0012	mg/L	10		7470A	TCLP
Mercury	10600		464	188	mg/Kg	20000	*	7471A	Total/NA

Client Sample ID: SB-062R

Lab Sample ID: 480-15389-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00030		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	336		23.3	9.4	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: SB-059R

Lab Sample ID: 480-15389-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00027		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	313		23.8	9.6	mg/Kg	1000	*	7471A	Total/NA

Client Sample ID: VIS-4

Lab Sample ID: 480-15389-19

Detection Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: VIS-4 (Continued)

Lab Sample ID: 480-15389-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.17		0.0040	0.0024	mg/L	20		7470A	TCLP
Mercury	6840		278	112	mg/Kg	10000	*	7471A	Total/NA

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Client Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-033R
Date Collected: 01/24/12 10:11
Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-1
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0019		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	405		24.0	9.7	mg/Kg	☼	01/27/12 13:20	01/27/12 15:56	1000

Client Sample ID: SB-039R
Date Collected: 01/24/12 10:41
Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-2
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00045		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	94.2		4.7	1.9	mg/Kg	☼	01/27/12 13:20	01/27/12 16:55	200

Client Sample ID: MW-01R
Date Collected: 01/24/12 11:16
Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-3
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00047		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:52	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	213		13.4	5.4	mg/Kg	☼	01/27/12 13:20	01/27/12 16:57	500

Client Sample ID: SB-049R
Date Collected: 01/24/12 11:35
Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-4
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	835		48.5	19.6	mg/Kg	☼	01/27/12 13:20	01/27/12 16:59	2000

Client Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-053R

Date Collected: 01/24/12 11:50

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-5

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00043		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	754		27.0	10.9	mg/Kg	☼	01/27/12 13:20	01/27/12 16:07	1000

Client Sample ID: SB-061R

Date Collected: 01/24/12 12:33

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-6

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00090		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1110		45.7	18.5	mg/Kg	☼	01/27/12 13:20	01/27/12 17:02	2000

Client Sample ID: SB-071R

Date Collected: 01/24/12 13:32

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-7

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0048		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 19:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	351		25.0	10.1	mg/Kg	☼	01/27/12 13:20	01/27/12 16:13	1000

Client Sample ID: SB-072R

Date Collected: 01/24/12 14:17

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-8

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.6		0.020	0.012	mg/L		01/27/12 13:30	01/27/12 20:10	100

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	7780		218	88.2	mg/Kg	☼	01/27/12 13:20	01/27/12 16:15	10000

Client Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-074R

Lab Sample ID: 480-15389-9

Date Collected: 01/24/12 14:45

Matrix: Solid

Date Received: 01/25/12 17:15

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.0040	0.0024	mg/L		01/27/12 13:30	01/27/12 20:37	20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2500		227	92.0	mg/Kg	⊛	01/27/12 13:20	01/27/12 16:16	10000

Client Sample ID: SB-064R

Lab Sample ID: 480-15389-10

Date Collected: 01/24/12 15:30

Matrix: Solid

Date Received: 01/25/12 17:15

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00048		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	512		23.5	9.5	mg/Kg	⊛	01/27/12 13:20	01/27/12 16:18	1000

Client Sample ID: SB-063R

Lab Sample ID: 480-15389-11

Date Collected: 01/24/12 16:04

Matrix: Solid

Date Received: 01/25/12 17:15

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0030		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1160		48.7	19.7	mg/Kg	⊛	01/27/12 13:20	01/27/12 17:04	2000

Client Sample ID: VIS-1

Lab Sample ID: 480-15389-12

Date Collected: 01/25/12 09:20

Matrix: Solid

Date Received: 01/25/12 17:15

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.97		0.020	0.012	mg/L		01/27/12 13:30	01/27/12 20:17	100

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	44200		2500	1010	mg/Kg	⊛	01/27/12 13:20	01/27/12 17:11	100000

Client Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: VIS-2

Date Collected: 01/25/12 10:25

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-13

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0018		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:19	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1170		46.5	18.8	mg/Kg	☼	01/27/12 13:20	01/27/12 17:12	2000

Client Sample ID: VIS-3

Date Collected: 01/25/12 11:05

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-14

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	12700		503	204	mg/Kg	☼	01/27/12 13:20	01/27/12 17:14	20000

Client Sample ID: SB-070R

Date Collected: 01/25/12 11:55

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-15

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.0020	0.0012	mg/L		01/27/12 13:30	01/27/12 20:49	10

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3450		262	106	mg/Kg	☼	01/27/12 13:20	01/27/12 16:32	10000

Client Sample ID: SB-075R

Date Collected: 01/25/12 12:35

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-16

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077		0.0020	0.0012	mg/L		01/27/12 13:30	01/27/12 20:51	10

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	10600		464	188	mg/Kg	☼	01/27/12 13:20	01/27/12 17:16	20000

Client Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-062R

Date Collected: 01/25/12 13:04

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-17

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00030		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	336		23.3	9.4	mg/Kg	⊛	01/27/12 13:20	01/27/12 16:36	1000

Client Sample ID: SB-059R

Date Collected: 01/25/12 13:25

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-18

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00027		0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 20:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	313		23.8	9.6	mg/Kg	⊛	01/27/12 13:20	01/27/12 16:37	1000

Client Sample ID: VIS-4

Date Collected: 01/25/12 14:22

Date Received: 01/25/12 17:15

Lab Sample ID: 480-15389-19

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.0040	0.0024	mg/L		01/27/12 13:30	01/27/12 20:57	20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	6840		278	112	mg/Kg	⊛	01/27/12 13:20	01/27/12 16:39	10000

QC Sample Results

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-49548/2-A
Matrix: Solid
Analysis Batch: 49595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 18:30	1

Lab Sample ID: LCS 480-49548/3-A
Matrix: Solid
Analysis Batch: 49595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00668	0.00635		mg/L		95	80 - 120

Lab Sample ID: LB 480-49456/1-C LB
Matrix: Solid
Analysis Batch: 49595

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 49548

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.00012	mg/L		01/27/12 13:30	01/27/12 18:28	1

Lab Sample ID: 480-15389-7 MS
Matrix: Solid
Analysis Batch: 49595

Client Sample ID: SB-071R
Prep Type: TCLP
Prep Batch: 49548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.0048		0.00668	0.0108		mg/L		90	75 - 125

Lab Sample ID: 480-15389-7 MSD
Matrix: Solid
Analysis Batch: 49595

Client Sample ID: SB-071R
Prep Type: TCLP
Prep Batch: 49548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.0048		0.00668	0.0107		mg/L		88	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-49459/1-A
Matrix: Solid
Analysis Batch: 49582

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49459

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	U	0.022	0.0089	mg/Kg		01/27/12 13:20	01/27/12 15:45	1

Lab Sample ID: LCSSRM 480-49459/2-A
Matrix: Solid
Analysis Batch: 49582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49459

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	Limits
Mercury	3.77	3.68		mg/Kg		98	51 - 149

QC Association Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Metals

Leach Batch: 49456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	TCLP	Solid	1311	
480-15389-2	SB-039R	TCLP	Solid	1311	
480-15389-3	MW-01R	TCLP	Solid	1311	
480-15389-4	SB-049R	TCLP	Solid	1311	
480-15389-5	SB-053R	TCLP	Solid	1311	
480-15389-6	SB-061R	TCLP	Solid	1311	
480-15389-7	SB-071R	TCLP	Solid	1311	
480-15389-7 MS	SB-071R	TCLP	Solid	1311	
480-15389-7 MSD	SB-071R	TCLP	Solid	1311	
480-15389-8	SB-072R	TCLP	Solid	1311	
480-15389-9	SB-074R	TCLP	Solid	1311	
480-15389-10	SB-064R	TCLP	Solid	1311	
480-15389-11	SB-063R	TCLP	Solid	1311	
480-15389-12	VIS-1	TCLP	Solid	1311	
480-15389-13	VIS-2	TCLP	Solid	1311	
480-15389-14	VIS-3	TCLP	Solid	1311	
480-15389-15	SB-070R	TCLP	Solid	1311	
480-15389-16	SB-075R	TCLP	Solid	1311	
480-15389-17	SB-062R	TCLP	Solid	1311	
480-15389-18	SB-059R	TCLP	Solid	1311	
480-15389-19	VIS-4	TCLP	Solid	1311	
LB 480-49456/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 49459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	Total/NA	Solid	7471A	
480-15389-2	SB-039R	Total/NA	Solid	7471A	
480-15389-3	MW-01R	Total/NA	Solid	7471A	
480-15389-4	SB-049R	Total/NA	Solid	7471A	
480-15389-5	SB-053R	Total/NA	Solid	7471A	
480-15389-6	SB-061R	Total/NA	Solid	7471A	
480-15389-7	SB-071R	Total/NA	Solid	7471A	
480-15389-8	SB-072R	Total/NA	Solid	7471A	
480-15389-9	SB-074R	Total/NA	Solid	7471A	
480-15389-10	SB-064R	Total/NA	Solid	7471A	
480-15389-11	SB-063R	Total/NA	Solid	7471A	
480-15389-12	VIS-1	Total/NA	Solid	7471A	
480-15389-13	VIS-2	Total/NA	Solid	7471A	
480-15389-14	VIS-3	Total/NA	Solid	7471A	
480-15389-15	SB-070R	Total/NA	Solid	7471A	
480-15389-16	SB-075R	Total/NA	Solid	7471A	
480-15389-17	SB-062R	Total/NA	Solid	7471A	
480-15389-18	SB-059R	Total/NA	Solid	7471A	
480-15389-19	VIS-4	Total/NA	Solid	7471A	
LCSSRM 480-49459/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-49459/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 49548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	TCLP	Solid	7470A	49456
480-15389-2	SB-039R	TCLP	Solid	7470A	49456
480-15389-3	MW-01R	TCLP	Solid	7470A	49456

QC Association Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Metals (Continued)

Prep Batch: 49548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-4	SB-049R	TCLP	Solid	7470A	49456
480-15389-5	SB-053R	TCLP	Solid	7470A	49456
480-15389-6	SB-061R	TCLP	Solid	7470A	49456
480-15389-7	SB-071R	TCLP	Solid	7470A	49456
480-15389-7 MS	SB-071R	TCLP	Solid	7470A	49456
480-15389-7 MSD	SB-071R	TCLP	Solid	7470A	49456
480-15389-8	SB-072R	TCLP	Solid	7470A	49456
480-15389-9	SB-074R	TCLP	Solid	7470A	49456
480-15389-10	SB-064R	TCLP	Solid	7470A	49456
480-15389-11	SB-063R	TCLP	Solid	7470A	49456
480-15389-12	VIS-1	TCLP	Solid	7470A	49456
480-15389-13	VIS-2	TCLP	Solid	7470A	49456
480-15389-14	VIS-3	TCLP	Solid	7470A	49456
480-15389-15	SB-070R	TCLP	Solid	7470A	49456
480-15389-16	SB-075R	TCLP	Solid	7470A	49456
480-15389-17	SB-062R	TCLP	Solid	7470A	49456
480-15389-18	SB-059R	TCLP	Solid	7470A	49456
480-15389-19	VIS-4	TCLP	Solid	7470A	49456
LB 480-49456/1-C LB	Method Blank	TCLP	Solid	7470A	49456
LCS 480-49548/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-49548/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 49582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	Total/NA	Solid	7471A	49459
480-15389-2	SB-039R	Total/NA	Solid	7471A	49459
480-15389-3	MW-01R	Total/NA	Solid	7471A	49459
480-15389-4	SB-049R	Total/NA	Solid	7471A	49459
480-15389-5	SB-053R	Total/NA	Solid	7471A	49459
480-15389-6	SB-061R	Total/NA	Solid	7471A	49459
480-15389-7	SB-071R	Total/NA	Solid	7471A	49459
480-15389-8	SB-072R	Total/NA	Solid	7471A	49459
480-15389-9	SB-074R	Total/NA	Solid	7471A	49459
480-15389-10	SB-064R	Total/NA	Solid	7471A	49459
480-15389-11	SB-063R	Total/NA	Solid	7471A	49459
480-15389-12	VIS-1	Total/NA	Solid	7471A	49459
480-15389-13	VIS-2	Total/NA	Solid	7471A	49459
480-15389-14	VIS-3	Total/NA	Solid	7471A	49459
480-15389-15	SB-070R	Total/NA	Solid	7471A	49459
480-15389-16	SB-075R	Total/NA	Solid	7471A	49459
480-15389-17	SB-062R	Total/NA	Solid	7471A	49459
480-15389-18	SB-059R	Total/NA	Solid	7471A	49459
480-15389-19	VIS-4	Total/NA	Solid	7471A	49459
LCSSRM 480-49459/2-A	Lab Control Sample	Total/NA	Solid	7471A	49459
MB 480-49459/1-A	Method Blank	Total/NA	Solid	7471A	49459

Analysis Batch: 49595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	TCLP	Solid	7470A	49548
480-15389-2	SB-039R	TCLP	Solid	7470A	49548
480-15389-3	MW-01R	TCLP	Solid	7470A	49548
480-15389-4	SB-049R	TCLP	Solid	7470A	49548



QC Association Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Metals (Continued)

Analysis Batch: 49595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-5	SB-053R	TCLP	Solid	7470A	49548
480-15389-6	SB-061R	TCLP	Solid	7470A	49548
480-15389-7	SB-071R	TCLP	Solid	7470A	49548
480-15389-7 MS	SB-071R	TCLP	Solid	7470A	49548
480-15389-7 MSD	SB-071R	TCLP	Solid	7470A	49548
480-15389-8	SB-072R	TCLP	Solid	7470A	49548
480-15389-9	SB-074R	TCLP	Solid	7470A	49548
480-15389-10	SB-064R	TCLP	Solid	7470A	49548
480-15389-11	SB-063R	TCLP	Solid	7470A	49548
480-15389-12	VIS-1	TCLP	Solid	7470A	49548
480-15389-13	VIS-2	TCLP	Solid	7470A	49548
480-15389-14	VIS-3	TCLP	Solid	7470A	49548
480-15389-15	SB-070R	TCLP	Solid	7470A	49548
480-15389-16	SB-075R	TCLP	Solid	7470A	49548
480-15389-17	SB-062R	TCLP	Solid	7470A	49548
480-15389-18	SB-059R	TCLP	Solid	7470A	49548
480-15389-19	VIS-4	TCLP	Solid	7470A	49548
LB 480-49456/1-C LB	Method Blank	TCLP	Solid	7470A	49548
LCS 480-49548/3-A	Lab Control Sample	Total/NA	Solid	7470A	49548
MB 480-49548/2-A	Method Blank	Total/NA	Solid	7470A	49548

General Chemistry

Analysis Batch: 49535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15389-1	SB-033R	Total/NA	Solid	Moisture	
480-15389-2	SB-039R	Total/NA	Solid	Moisture	
480-15389-3	MW-01R	Total/NA	Solid	Moisture	
480-15389-4	SB-049R	Total/NA	Solid	Moisture	
480-15389-5	SB-053R	Total/NA	Solid	Moisture	
480-15389-6	SB-061R	Total/NA	Solid	Moisture	
480-15389-7	SB-071R	Total/NA	Solid	Moisture	
480-15389-8	SB-072R	Total/NA	Solid	Moisture	
480-15389-9	SB-074R	Total/NA	Solid	Moisture	
480-15389-10	SB-064R	Total/NA	Solid	Moisture	
480-15389-11	SB-063R	Total/NA	Solid	Moisture	
480-15389-12	VIS-1	Total/NA	Solid	Moisture	
480-15389-13	VIS-2	Total/NA	Solid	Moisture	
480-15389-14	VIS-3	Total/NA	Solid	Moisture	
480-15389-15	SB-070R	Total/NA	Solid	Moisture	
480-15389-16	SB-075R	Total/NA	Solid	Moisture	
480-15389-17	SB-062R	Total/NA	Solid	Moisture	
480-15389-18	SB-059R	Total/NA	Solid	Moisture	
480-15389-19	VIS-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-033R

Lab Sample ID: 480-15389-1

Date Collected: 01/24/12 10:11

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 15:56	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:47	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-039R

Lab Sample ID: 480-15389-2

Date Collected: 01/24/12 10:41

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		200	49582	01/27/12 16:55	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:50	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: MW-01R

Lab Sample ID: 480-15389-3

Date Collected: 01/24/12 11:16

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		500	49582	01/27/12 16:57	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:52	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-049R

Lab Sample ID: 480-15389-4

Date Collected: 01/24/12 11:35

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		2000	49582	01/27/12 16:59	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:54	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-053R

Lab Sample ID: 480-15389-5

Date Collected: 01/24/12 11:50

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 16:07	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:55	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-061R

Lab Sample ID: 480-15389-6

Date Collected: 01/24/12 12:33

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		2000	49582	01/27/12 17:02	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:57	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-071R

Lab Sample ID: 480-15389-7

Date Collected: 01/24/12 13:32

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 16:13	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 19:59	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-072R

Lab Sample ID: 480-15389-8

Date Collected: 01/24/12 14:17

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		10000	49582	01/27/12 16:15	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		100	49595	01/27/12 20:10	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-074R

Lab Sample ID: 480-15389-9

Date Collected: 01/24/12 14:45

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		10000	49582	01/27/12 16:16	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		20	49595	01/27/12 20:37	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-064R

Lab Sample ID: 480-15389-10

Date Collected: 01/24/12 15:30

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 16:18	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:13	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-063R

Lab Sample ID: 480-15389-11

Date Collected: 01/24/12 16:04

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		2000	49582	01/27/12 17:04	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:15	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: VIS-1

Lab Sample ID: 480-15389-12

Date Collected: 01/25/12 09:20

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		100000	49582	01/27/12 17:11	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		100	49595	01/27/12 20:17	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: VIS-2

Lab Sample ID: 480-15389-13

Date Collected: 01/25/12 10:25

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		2000	49582	01/27/12 17:12	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:19	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: VIS-3

Lab Sample ID: 480-15389-14

Date Collected: 01/25/12 11:05

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		20000	49582	01/27/12 17:14	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:47	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-070R

Lab Sample ID: 480-15389-15

Date Collected: 01/25/12 11:55

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		10000	49582	01/27/12 16:32	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		10	49595	01/27/12 20:49	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-075R

Lab Sample ID: 480-15389-16

Date Collected: 01/25/12 12:35

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		20000	49582	01/27/12 17:16	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		10	49595	01/27/12 20:51	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Client Sample ID: SB-062R

Lab Sample ID: 480-15389-17

Date Collected: 01/25/12 13:04

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 16:36	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:30	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: SB-059R

Lab Sample ID: 480-15389-18

Date Collected: 01/25/12 13:25

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		1000	49582	01/27/12 16:37	MM	TAL BUF
TCLP	Leach	1311			49456	01/26/12 16:03	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		1	49595	01/27/12 20:32	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Client Sample ID: VIS-4

Lab Sample ID: 480-15389-19

Date Collected: 01/25/12 14:22

Matrix: Solid

Date Received: 01/25/12 17:15

Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			49459	01/27/12 13:20	MM	TAL BUF
Total/NA	Analysis	7471A		10000	49582	01/27/12 16:39	MM	TAL BUF
TCLP	Leach	1311			49456	01/27/12 12:35	TR	TAL BUF
TCLP	Prep	7470A			49548	01/27/12 13:30	MM	TAL BUF
TCLP	Analysis	7470A		20	49595	01/27/12 20:57	MM	TAL BUF
Total/NA	Analysis	Moisture		1	49535	01/27/12 11:06	ZLR	TAL BUF

Laboratory References:

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

Certification Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Method	Method Description	Protocol	Laboratory
7470A	Mercury (CVAA)	SW846	TAL BUF
7471A	Mercury (CVAA)	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: URS Corporation
Project/Site: Niacet Site

TestAmerica Job ID: 480-15389-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-15389-1	SB-033R	Solid	01/24/12 10:11	01/25/12 17:15
480-15389-2	SB-039R	Solid	01/24/12 10:41	01/25/12 17:15
480-15389-3	MW-01R	Solid	01/24/12 11:16	01/25/12 17:15
480-15389-4	SB-049R	Solid	01/24/12 11:35	01/25/12 17:15
480-15389-5	SB-053R	Solid	01/24/12 11:50	01/25/12 17:15
480-15389-6	SB-061R	Solid	01/24/12 12:33	01/25/12 17:15
480-15389-7	SB-071R	Solid	01/24/12 13:32	01/25/12 17:15
480-15389-8	SB-072R	Solid	01/24/12 14:17	01/25/12 17:15
480-15389-9	SB-074R	Solid	01/24/12 14:45	01/25/12 17:15
480-15389-10	SB-064R	Solid	01/24/12 15:30	01/25/12 17:15
480-15389-11	SB-063R	Solid	01/24/12 16:04	01/25/12 17:15
480-15389-12	VIS-1	Solid	01/25/12 09:20	01/25/12 17:15
480-15389-13	VIS-2	Solid	01/25/12 10:25	01/25/12 17:15
480-15389-14	VIS-3	Solid	01/25/12 11:05	01/25/12 17:15
480-15389-15	SB-070R	Solid	01/25/12 11:55	01/25/12 17:15
480-15389-16	SB-075R	Solid	01/25/12 12:35	01/25/12 17:15
480-15389-17	SB-062R	Solid	01/25/12 13:04	01/25/12 17:15
480-15389-18	SB-059R	Solid	01/25/12 13:25	01/25/12 17:15
480-15389-19	VIS-4	Solid	01/25/12 14:22	01/25/12 17:15

CHAIN OF CUSTODY RECORD

PROJECT NO. _____
 SITE NAME MIACET
 SAMPLERS (PRINT/SIGNATURE) Rob Muepfl / Rob Muepfl
 DELIVERY SERVICE: Drop off AIRBILL NO.: _____

LAB TEST AMERICA
 COOLER 1201 2
 PAGE 1 of 2



TESTS
 Total Hg 2414
 Total Hg 2470A

LOCATION IDENTIFIER	DATE	TIME	COMPI GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	BOTTLE TYPE AND PRESERVATIVE	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPMs ONLY)
SB-033	1/24/12	1011	G	SB-033R	SO	2	1/2 glass jar		N ₁			
SB-039	1/24/12	1041	G	SB-039R	SO	2	1/2 glass jar		N ₁			
MW-01	1/24/12	1116	G	MW-01R	SO	2	1/2 glass jar		N ₁			
SB-049	1/24/12	1135	G	SB-049R	SO	2	1/2 glass jar		N ₁			
SB-053	1/24/12	1150	G	SB-053R	SO	2	1/2 glass jar		N ₁			
SB-061	1/24/12	1233	G	SB-061R	SO	2	1/2 glass jar		N ₁			
SB-071	1/24/12	1332	G	SB-071R	SO	2	1/2 glass jar		N ₁			
SB-072	1/24/12	1417	G	SB-072R	SO	2	1/2 glass jar	VISIBLE Hg	N ₁			
SB-074	1/24/12	1445	G	SB-074R	SO	2	1/2 glass jar		N ₁			
SB-084	1/24/12	1530	G	SB-084R	SO	2	1/2 glass jar		N ₁			
SB-063	1/24/12	1604	G	SB-063R	SO	2	1/2 glass jar		N ₁			

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 TG - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 WB - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 WO - OCEAN WATER
 WS - SURFACE WATER
 WW - WATER FIELD QC
 LW - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

N# - NORMAL ENVIRONMENTAL SAMPLE
 FR# - FIELD REPLICATE
 RB# - RINSE BLANK
 FR# - FIELD REPLICATE
 MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RECEIVED BY (SIGNATURE) [Signature] DATE 1/25/12 TIME 1715
 RECEIVED FOR LAB BY (SIGNATURE) [Signature] DATE 1/25/12 TIME 1715
 SPECIAL INSTRUCTIONS See page 2

Distribution: Original accompanies shipment, copy to coordinator field files 2.0, 2.40c #2



CHAIN OF CUSTODY RECORD

PROJECT NO. _____ SITE NAME NIRKET
 SAMPLERS (PRINT/SIGNATURE) Rob Muehly / Rob Murphy
 DELIVERY SERVICE: Drop off AIRBILL NO.: _____

TESTS

TESTS
 Total Hg
 TLCP Hg
 747A
 747X

URS

LAB TEST APPROX
 COOLER 2 of 2
 PAGE 2 of 2

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	BOTTLE TYPE AND PRESERVATIVE				REMARKS	FIELD LOT NO. # (RPMs ONLY)											
							DEPTH (IN FEET)	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	SAMPLE TYPE													
VIS-1	1/25/12	0920	G	VIS-1	SO	2	4oz glass	16oz glass															
VIS-2	1/25/12	1025	G	VIS-2	SO	2																	
VIS-3	1/25/12	1105	G	VIS-3	SO	2																	
SB-070	1/25/12	1155	G	SB-070R	SO	2																	
SB-075	1/25/12	1235	G	SB-075R	SO	2																	
SB-062	1/25/12	1304	G	SB-062R	SO	2																	
SB-059	1/25/12	1325	G	SB-059R	SO	2																	
VIS-4	1/25/12	1422	G	VIS-4	SO	2																	

WO - OCEAN WATER
 WS - SURFACE WATER
 WC - WATER FIELD QC

WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER

WG - GROUND WATER
 SO - SOIL
 DC - DRILL CUTTINGS

SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE

RB# - RINSE BLANK
 FR# - FIELD REPLICATE

MS# - MATRIX SPIKE

LN - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

DATE TIME 1/25/12 1715
 DATE TIME 1/25/12 1715

RECEIVED BY (SIGNATURE) [Signature]
 RECEIVED FOR LAB BY (SIGNATURE) [Signature]

SPECIAL INSTRUCTIONS
 Any Questions Call Paul Reba Fairbanks
 716-856-5636

STANDARD TAT

Distribution: Original accompanies shipment, copy to coordinator field files 2.0, 2.4c #2



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-15389-1

Login Number: 15389

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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.	N/A	
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	URS
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	