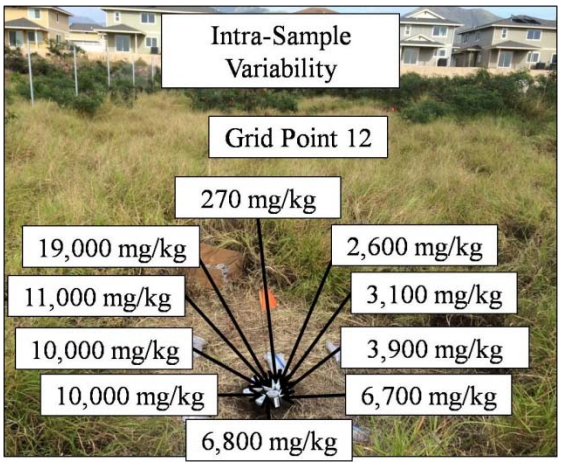
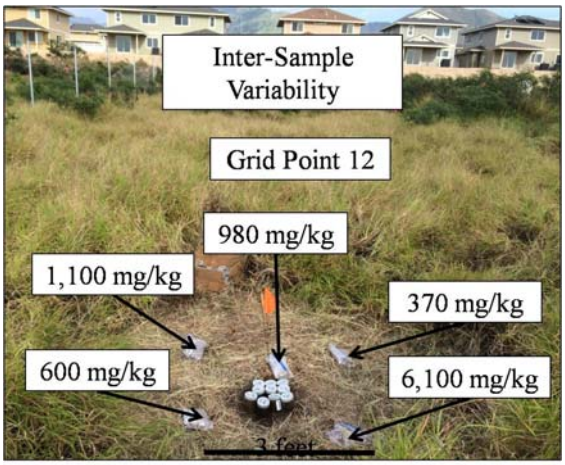
Small-Scale Variability of Discrete Soil Sample Data

Part 1: Field Investigation of Discrete Sample Variability

Appendix 1 – Laboratory Reports





[1]Roger Brewer, [1]John Peard, [1]Jordan Nakayama and [2]Marvin Heskett

Hawai´i Department of Health

[1]Hazard Evaluation and Emergency Response
[2]Element Environmental

Updated June 2015

Appendix 1: Laboratory Reports

- Study Site A (Arsenic, Wailoa State Park)
- Study Site B (Lead, Waipahu Incinerator)
- Study Site C (PCBs, Ma´ili VOA Station)
- Study Site C (TPH, Ma´ili VOA Station)

Appendix 1: Laboratory Reports

- **Study Site A (Arsenic, Wailoa State Park)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HWI0022
Client Project/Site: Wailoa Park Arsenic Study
Client Project Description:
HDOH Sampling - Wailoa Park DOH TO-310

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Kristie Reilly

Authorized for release by:
10/8/2013 1:10:07 PM

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Qualifiers

Metals

Qualifier	Qualifier Description
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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Job ID: HWI0022

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 23 degrees C.
NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 9/7/2013 10:00 AM. The temperature of the cooler at receipt was 23.5º C.

Except:

The samples were received at the laboratory outside the required temperature criteria at 23.5º C. Samples were received without any gel ice.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Geotechnical
No analytical or quality issues were noted.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HWI0022-01	WLP-1A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-02	WLP-2A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-03	WLP-3A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-04	WLP-4A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-05	WLP-5A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-06	WLP-6A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-07	WLP-7A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-08	WLP-8A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-09	WLP-9A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-10	WLP-10A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-11	WLP-11A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-12	WLP-12A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-13	WLP-13A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-14	WLP-14A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-15	WLP-15A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-16	WLP-16A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-17	WLP-17A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-18	WLP-18A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-19	WLP-19A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-20	WLP-20A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-21	WLP-21A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-22	WLP-22A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-23	WLP-23A	Solid/Soil	08/22/13 14:30	09/05/13 15:00
HWI0022-24	WLP-24A	Solid/Soil	08/22/13 14:30	09/05/13 15:00

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-1A — Lab Sample ID: HWI0022-01

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.2				%	1		D422	Total/NA
Medium Sand	22.6				%	1		D422	Total/NA
Fine Sand	57.2				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.7				%	1		D422	Total/NA
Clay	15.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	240		3.9		mg/Kg	20		6010B	Total/NA
Copper	27		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-2A — Lab Sample ID: HWI0022-02

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.7				%	1		D422	Total/NA
Medium Sand	20.4				%	1		D422	Total/NA
Fine Sand	58.5				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.8				%	1		D422	Total/NA
Clay	15.6				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		11		mg/Kg	20		6010B	Total/NA
Iron	42000		37		mg/Kg	20		6010B	Total/NA
Nickel	230		3.7		mg/Kg	20		6010B	Total/NA
Copper	22		5.5		mg/Kg	20		6010B	Total/NA
Zinc	89		7.4		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-3A — Lab Sample ID: HWI0022-03

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Medium Sand	14.3				%	1		D422	Total/NA
Fine Sand	62.5				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.9				%	1		D422	Total/NA
Clay	18.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	360		11		mg/Kg	20		6010B	Total/NA
Iron	44000		38		mg/Kg	20		6010B	Total/NA
Nickel	240		3.8		mg/Kg	20		6010B	Total/NA
Copper	32		5.7		mg/Kg	20		6010B	Total/NA
Zinc	140		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-4A — Lab Sample ID: HWI0022-04

This Detection Summary does not include radiochemical test results.

Client Sample ID: WLP-4A (Continued) — Lab Sample ID: HWI0022-04

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.6				%	1		D422	Total/NA
Medium Sand	15.5				%	1		D422	Total/NA
Fine Sand	59.3				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.7				%	1		D422	Total/NA
Clay	19.9				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	410		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	240		3.9		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-5A — Lab Sample ID: HWI0022-05

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	1.4				%	1		D422	Total/NA
Medium Sand	17.5				%	1		D422	Total/NA
Fine Sand	56.5				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	6.5				%	1		D422	Total/NA
Clay	18.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	240		3.9		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-6A — Lab Sample ID: HWI0022-06

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	2.5				%	1		D422	Total/NA
Medium Sand	16.3				%	1		D422	Total/NA
Fine Sand	60.0				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.5				%	1		D422	Total/NA
Clay	16.7				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		11		mg/Kg	20		6010B	Total/NA
Iron	44000		38		mg/Kg	20		6010B	Total/NA
Nickel	240		3.8		mg/Kg	20		6010B	Total/NA
Copper	31		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.6		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-7A — Lab Sample ID: HWI0022-07

This Detection Summary does not include radiochemical test results.

Client Sample ID: WLP-7A (Continued) — Lab Sample ID: HWI0022-07

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.3				%	1		D422	Total/NA
Medium Sand	15.9				%	1		D422	Total/NA
Fine Sand	48.1				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	7.9				%	1		D422	Total/NA
Clay	27.8				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	110		12		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA
Nickel	210		3.9		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Zinc	160		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-8A — Lab Sample ID: HWI0022-08

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.4				%	1		D422	Total/NA
Medium Sand	13.8				%	1		D422	Total/NA
Fine Sand	55.8				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.8				%	1		D422	Total/NA
Clay	25.2				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	230		3.9		mg/Kg	20		6010B	Total/NA
Copper	23		5.8		mg/Kg	20		6010B	Total/NA
Zinc	92		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-9A — Lab Sample ID: HWI0022-09

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	2.0				%	1		D422	Total/NA
Coarse Sand	3.1				%	1		D422	Total/NA
Medium Sand	41.2				%	1		D422	Total/NA
Fine Sand	36.7				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	9.5				%	1		D422	Total/NA
Clay	7.6				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		12		mg/Kg	20		6010B	Total/NA
Iron	34000		38		mg/Kg	20		6010B	Total/NA
Nickel	170		3.8		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Zinc	93		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-10A — Lab Sample ID: HWI0022-10

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-10A (Continued) — Lab Sample ID: HWI0022-10

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.3				%	1		D422	Total/NA
Medium Sand	11.4				%	1		D422	Total/NA
Fine Sand	69.2				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.7				%	1		D422	Total/NA
Clay	14.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		11		mg/Kg	20		6010B	Total/NA
Iron	45000		37		mg/Kg	20		6010B	Total/NA
Nickel	230		3.7		mg/Kg	20		6010B	Total/NA
Copper	36		5.6		mg/Kg	20		6010B	Total/NA
Zinc	140		7.4		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-11A — Lab Sample ID: HWI0022-11

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.1				%	1		D422	Total/NA
Medium Sand	11.6				%	1		D422	Total/NA
Fine Sand	71.7				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.1				%	1		D422	Total/NA
Clay	13.5				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		12		mg/Kg	20		6010B	Total/NA
Iron	43000		38		mg/Kg	20		6010B	Total/NA
Nickel	230		3.8		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-12A — Lab Sample ID: HWI0022-12

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.1				%	1		D422	Total/NA
Coarse Sand	0.2				%	1		D422	Total/NA
Medium Sand	16.0				%	1		D422	Total/NA
Fine Sand	71.2				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.1				%	1		D422	Total/NA
Clay	9.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		11		mg/Kg	20		6010B	Total/NA
Iron	43000		38		mg/Kg	20		6010B	Total/NA
Nickel	240		3.8		mg/Kg	20		6010B	Total/NA
Copper	32		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.6		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-13A — Lab Sample ID: HWI0022-13

This Detection Summary does not include radiochemical test results.

Client Sample ID: WLP-13A (Continued) — Lab Sample ID: HWI0022-13

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.8				%	1		D422	Total/NA
Medium Sand	13.3				%	1		D422	Total/NA
Fine Sand	67.9				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.1				%	1		D422	Total/NA
Clay	14.9				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	310		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	230		3.9		mg/Kg	20		6010B	Total/NA
Copper	36		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-14A — Lab Sample ID: HWI0022-14

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.2				%	1		D422	Total/NA
Medium Sand	10.8				%	1		D422	Total/NA
Fine Sand	71.7				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.1				%	1		D422	Total/NA
Clay	14.2				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	380		11		mg/Kg	20		6010B	Total/NA
Iron	46000		38		mg/Kg	20		6010B	Total/NA
Nickel	230		3.8		mg/Kg	20		6010B	Total/NA
Copper	36		5.7		mg/Kg	20		6010B	Total/NA
Zinc	160		7.6		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-15A — Lab Sample ID: HWI0022-15

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.1				%	1		D422	Total/NA
Coarse Sand	0.3				%	1		D422	Total/NA
Medium Sand	10.2				%	1		D422	Total/NA
Fine Sand	72.8				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	1.5				%	1		D422	Total/NA
Clay	15.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	250		11		mg/Kg	20		6010B	Total/NA
Iron	47000		38		mg/Kg	20		6010B	Total/NA
Nickel	250		3.8		mg/Kg	20		6010B	Total/NA
Copper	34		5.7		mg/Kg	20		6010B	Total/NA
Zinc	130		7.6		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-16A — Lab Sample ID: HWI0022-16

This Detection Summary does not include radiochemical test results.

Client Sample ID: WLP-16A (Continued) — Lab Sample ID: HWI0022-16

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.4				%	1		D422	Total/NA
Medium Sand	15.7				%	1		D422	Total/NA
Fine Sand	70.3				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	1.5				%	1		D422	Total/NA
Clay	12.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		12		mg/Kg	20		6010B	Total/NA
Iron	45000		39		mg/Kg	20		6010B	Total/NA
Nickel	240		3.9		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-17A — Lab Sample ID: HWI0022-17

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.1				%	1		D422	Total/NA
Coarse Sand	0.8				%	1		D422	Total/NA
Medium Sand	11.2				%	1		D422	Total/NA
Fine Sand	69.0				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	1.6				%	1		D422	Total/NA
Clay	17.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Iron	46000		39		mg/Kg	20		6010B	Total/NA
Nickel	230		3.9		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Zinc	140		7.9		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-18A — Lab Sample ID: HWI0022-18

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.3				%	1		D422	Total/NA
Coarse Sand	0.3				%	1		D422	Total/NA
Medium Sand	13.4				%	1		D422	Total/NA
Fine Sand	70.6				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.2				%	1		D422	Total/NA
Clay	12.2				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Iron	43000		39		mg/Kg	20		6010B	Total/NA
Nickel	230		3.9		mg/Kg	20		6010B	Total/NA
Copper	33		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-19A — Lab Sample ID: HWI0022-19

This Detection Summary does not include radiochemical test results.

Client Sample ID: WLP-19A (Continued) — Lab Sample ID: HWI0022-19

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.2				%	1		D422	Total/NA
Medium Sand	15.3				%	1		D422	Total/NA
Fine Sand	65.0				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.2				%	1		D422	Total/NA
Clay	16.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	110		12		mg/Kg	20		6010B	Total/NA
Iron	43000		39		mg/Kg	20		6010B	Total/NA
Nickel	200		3.9		mg/Kg	20		6010B	Total/NA
Copper	44		5.8		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-20A — Lab Sample ID: HWI0022-20

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	2.0				%	1		D422	Total/NA
Coarse Sand	0.6				%	1		D422	Total/NA
Medium Sand	24.7				%	1		D422	Total/NA
Fine Sand	56.3				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	1.5				%	1		D422	Total/NA
Clay	14.9				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	130		12		mg/Kg	20		6010B	Total/NA
Iron	40000		39		mg/Kg	20		6010B	Total/NA
Nickel	200		3.9		mg/Kg	20		6010B	Total/NA
Copper	42		5.9		mg/Kg	20		6010B	Total/NA
Zinc	180		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-21A — Lab Sample ID: HWI0022-21

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.4				%	1		D422	Total/NA
Coarse Sand	0.8				%	1		D422	Total/NA
Medium Sand	18.7				%	1		D422	Total/NA
Fine Sand	61.9				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.2				%	1		D422	Total/NA
Clay	15.0				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	260		12		mg/Kg	20		6010B	Total/NA
Iron	43000		39		mg/Kg	20		6010B	Total/NA
Nickel	200		3.9		mg/Kg	20		6010B	Total/NA
Copper	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	190		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-22A — Lab Sample ID: HWI0022-22

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-22A (Continued) — Lab Sample ID: HWI0022-22

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.2				%	1		D422	Total/NA
Coarse Sand	1.3				%	1		D422	Total/NA
Medium Sand	20.4				%	1		D422	Total/NA
Fine Sand	56.9				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.2				%	1		D422	Total/NA
Clay	18.0				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Iron	42000		39		mg/Kg	20		6010B	Total/NA
Nickel	190		3.9		mg/Kg	20		6010B	Total/NA
Copper	47		5.9		mg/Kg	20		6010B	Total/NA
Zinc	200		7.8		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-23A — Lab Sample ID: HWI0022-23

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.1				%	1		D422	Total/NA
Coarse Sand	0.4				%	1		D422	Total/NA
Medium Sand	10.0				%	1		D422	Total/NA
Fine Sand	69.8				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	3.2				%	1		D422	Total/NA
Clay	16.6				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Iron	42000		38		mg/Kg	20		6010B	Total/NA
Nickel	230		3.8		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.7		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-24A — Lab Sample ID: HWI0022-24

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.4				%	1		D422	Total/NA
Coarse Sand	0.3				%	1		D422	Total/NA
Medium Sand	9.0				%	1		D422	Total/NA
Fine Sand	72.4				%	1		D422	Total/NA
Very Fine Sand	0.0				%	1		D422	Total/NA
Silt	4.7				%	1		D422	Total/NA
Clay	13.2				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	160		12		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA
Nickel	230		3.9		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-1A

Lab Sample ID: HWI0022-01

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/26/13 16:58	09/29/13 00:22	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 00:22	20
Nickel	240		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:22	20
Copper	27		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:22	20
Zinc	130		7.7		mg/Kg		09/26/13 16:58	09/29/13 00:22	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.2				%			09/30/13 17:22	1
Medium Sand	22.6				%			09/30/13 17:22	1
Fine Sand	57.2				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.7				%			09/30/13 17:22	1
Clay	15.3				%			09/30/13 17:22	1

Client Sample ID: WLP-2A

Lab Sample ID: HWI0022-02

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		11		mg/Kg		09/26/13 16:58	09/29/13 00:25	20
Iron	42000		37		mg/Kg		09/26/13 16:58	09/29/13 00:25	20
Nickel	230		3.7		mg/Kg		09/26/13 16:58	09/29/13 00:25	20
Copper	22		5.5		mg/Kg		09/26/13 16:58	09/29/13 00:25	20
Zinc	89		7.4		mg/Kg		09/26/13 16:58	09/29/13 00:25	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.7				%			09/30/13 17:22	1
Medium Sand	20.4				%			09/30/13 17:22	1
Fine Sand	58.5				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.8				%			09/30/13 17:22	1
Clay	15.6				%			09/30/13 17:22	1

Client Sample ID: WLP-3A

Lab Sample ID: HWI0022-03

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	360		11		mg/Kg		09/26/13 16:58	09/29/13 00:29	20
Iron	44000		38		mg/Kg		09/26/13 16:58	09/29/13 00:29	20
Nickel	240		3.8		mg/Kg		09/26/13 16:58	09/29/13 00:29	20
Copper	32		5.7		mg/Kg		09/26/13 16:58	09/29/13 00:29	20
Zinc	140		7.7		mg/Kg		09/26/13 16:58	09/29/13 00:29	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-3A

Lab Sample ID: HWI0022-03
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.0				%			09/30/13 17:22	1
Medium Sand	14.3				%			09/30/13 17:22	1
Fine Sand	62.5				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.9				%			09/30/13 17:22	1
Clay	18.3				%			09/30/13 17:22	1

Client Sample ID: WLP-4A

Lab Sample ID: HWI0022-04
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	410		12		mg/Kg		09/26/13 16:58	09/29/13 00:32	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 00:32	20
Nickel	240		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:32	20
Copper	32		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:32	20
Zinc	110		7.8		mg/Kg		09/26/13 16:58	09/29/13 00:32	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.6				%			09/30/13 17:22	1
Medium Sand	15.5				%			09/30/13 17:22	1
Fine Sand	59.3				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.7				%			09/30/13 17:22	1
Clay	19.9				%			09/30/13 17:22	1

Client Sample ID: WLP-5A

Lab Sample ID: HWI0022-05
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		12		mg/Kg		09/26/13 16:58	09/29/13 00:35	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 00:35	20
Nickel	240		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:35	20
Copper	32		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:35	20
Zinc	130		7.7		mg/Kg		09/26/13 16:58	09/29/13 00:35	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	1.4				%			09/30/13 17:22	1
Medium Sand	17.5				%			09/30/13 17:22	1
Fine Sand	56.5				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	6.5				%			09/30/13 17:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-5A

Lab Sample ID: HWI0022-05
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Clay	18.1				%			09/30/13 17:22	1

Client Sample ID: WLP-6A

Lab Sample ID: HWI0022-06
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		11		mg/Kg		09/26/13 16:58	09/29/13 00:39	20
Iron	44000		38		mg/Kg		09/26/13 16:58	09/29/13 00:39	20
Nickel	240		3.8		mg/Kg		09/26/13 16:58	09/29/13 00:39	20
Copper	31		5.7		mg/Kg		09/26/13 16:58	09/29/13 00:39	20
Zinc	120		7.6		mg/Kg		09/26/13 16:58	09/29/13 00:39	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	2.5				%			09/30/13 17:22	1
Medium Sand	16.3				%			09/30/13 17:22	1
Fine Sand	60.0				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.5				%			09/30/13 17:22	1
Clay	16.7				%			09/30/13 17:22	1

Client Sample ID: WLP-7A

Lab Sample ID: HWI0022-07
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	110		12		mg/Kg		09/26/13 16:58	09/29/13 00:42	20
Iron	47000		39		mg/Kg		09/26/13 16:58	09/29/13 00:42	20
Nickel	210		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:42	20
Copper	34		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:42	20
Zinc	160		7.8		mg/Kg		09/26/13 16:58	09/29/13 00:42	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.3				%			09/30/13 17:22	1
Medium Sand	15.9				%			09/30/13 17:22	1
Fine Sand	48.1				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	7.9				%			09/30/13 17:22	1
Clay	27.8				%			09/30/13 17:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-8A

Lab Sample ID: HWI0022-08
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/26/13 16:58	09/29/13 00:45	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 00:45	20
Nickel	230		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:45	20
Copper	23		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:45	20
Zinc	92		7.8		mg/Kg		09/26/13 16:58	09/29/13 00:45	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.4				%			09/30/13 17:22	1
Medium Sand	13.8				%			09/30/13 17:22	1
Fine Sand	55.8				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.8				%			09/30/13 17:22	1
Clay	25.2				%			09/30/13 17:22	1

Client Sample ID: WLP-9A

Lab Sample ID: HWI0022-09
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		12		mg/Kg		09/26/13 16:58	09/29/13 00:48	20
Iron	34000		38		mg/Kg		09/26/13 16:58	09/29/13 00:48	20
Nickel	170		3.8		mg/Kg		09/26/13 16:58	09/29/13 00:48	20
Copper	34		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:48	20
Zinc	93		7.7		mg/Kg		09/26/13 16:58	09/29/13 00:48	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	2.0				%			09/30/13 17:22	1
Coarse Sand	3.1				%			09/30/13 17:22	1
Medium Sand	41.2				%			09/30/13 17:22	1
Fine Sand	36.7				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	9.5				%			09/30/13 17:22	1
Clay	7.6				%			09/30/13 17:22	1

Client Sample ID: WLP-10A

Lab Sample ID: HWI0022-10
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		11		mg/Kg		09/26/13 16:58	09/29/13 00:58	20
Iron	45000		37		mg/Kg		09/26/13 16:58	09/29/13 00:58	20
Nickel	230		3.7		mg/Kg		09/26/13 16:58	09/29/13 00:58	20
Copper	36		5.6		mg/Kg		09/26/13 16:58	09/29/13 00:58	20
Zinc	140		7.4		mg/Kg		09/26/13 16:58	09/29/13 00:58	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-10A

Lab Sample ID: HWI0022-10
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.3				%			09/30/13 17:22	1
Medium Sand	11.4				%			09/30/13 17:22	1
Fine Sand	69.2				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	4.7				%			09/30/13 17:22	1
Clay	14.4				%			09/30/13 17:22	1

Client Sample ID: WLP-11A

Lab Sample ID: HWI0022-11
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		12		mg/Kg		09/26/13 16:58	09/29/13 01:01	20
Iron	43000		38		mg/Kg		09/26/13 16:58	09/29/13 01:01	20
Nickel	230		3.8		mg/Kg		09/26/13 16:58	09/29/13 01:01	20
Copper	31		5.8		mg/Kg		09/26/13 16:58	09/29/13 01:01	20
Zinc	120		7.7		mg/Kg		09/26/13 16:58	09/29/13 01:01	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.1				%			09/30/13 17:22	1
Medium Sand	11.6				%			09/30/13 17:22	1
Fine Sand	71.7				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	3.1				%			09/30/13 17:22	1
Clay	13.5				%			09/30/13 17:22	1

Client Sample ID: WLP-12A

Lab Sample ID: HWI0022-12
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		11		mg/Kg		09/26/13 16:58	09/29/13 01:04	20
Iron	43000		38		mg/Kg		09/26/13 16:58	09/29/13 01:04	20
Nickel	240		3.8		mg/Kg		09/26/13 16:58	09/29/13 01:04	20
Copper	32		5.7		mg/Kg		09/26/13 16:58	09/29/13 01:04	20
Zinc	120		7.6		mg/Kg		09/26/13 16:58	09/29/13 01:04	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.1				%			10/03/13 19:06	1
Coarse Sand	0.2				%			10/03/13 19:06	1
Medium Sand	16.0				%			10/03/13 19:06	1
Fine Sand	71.2				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.1				%			10/03/13 19:06	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-12A

Lab Sample ID: HWI0022-12
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Clay	9.4				%			10/03/13 19:06	1

Client Sample ID: WLP-13A

Lab Sample ID: HWI0022-13
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	310		12		mg/Kg		09/26/13 16:58	09/29/13 01:07	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 01:07	20
Nickel	230		3.9		mg/Kg		09/26/13 16:58	09/29/13 01:07	20
Copper	36		5.8		mg/Kg		09/26/13 16:58	09/29/13 01:07	20
Zinc	150		7.8		mg/Kg		09/26/13 16:58	09/29/13 01:07	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			09/30/13 17:22	1
Coarse Sand	0.8				%			09/30/13 17:22	1
Medium Sand	13.3				%			09/30/13 17:22	1
Fine Sand	67.9				%			09/30/13 17:22	1
Very Fine Sand	0.0				%			09/30/13 17:22	1
Silt	3.1				%			09/30/13 17:22	1
Clay	14.9				%			09/30/13 17:22	1

Client Sample ID: WLP-14A

Lab Sample ID: HWI0022-14
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	380		11		mg/Kg		09/26/13 16:58	09/29/13 01:11	20
Iron	46000		38		mg/Kg		09/26/13 16:58	09/29/13 01:11	20
Nickel	230		3.8		mg/Kg		09/26/13 16:58	09/29/13 01:11	20
Copper	36		5.7		mg/Kg		09/26/13 16:58	09/29/13 01:11	20
Zinc	160		7.6		mg/Kg		09/26/13 16:58	09/29/13 01:11	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			10/03/13 19:06	1
Coarse Sand	0.2				%			10/03/13 19:06	1
Medium Sand	10.8				%			10/03/13 19:06	1
Fine Sand	71.7				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.1				%			10/03/13 19:06	1
Clay	14.2				%			10/03/13 19:06	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-15A

Lab Sample ID: HWI0022-15
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	250		11		mg/Kg		09/26/13 16:58	09/29/13 01:14	20
Iron	47000		38		mg/Kg		09/26/13 16:58	09/29/13 01:14	20
Nickel	250		3.8		mg/Kg		09/26/13 16:58	09/29/13 01:14	20
Copper	34		5.7		mg/Kg		09/26/13 16:58	09/29/13 01:14	20
Zinc	130		7.6		mg/Kg		09/26/13 16:58	09/29/13 01:14	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.1				%			10/03/13 19:06	1
Coarse Sand	0.3				%			10/03/13 19:06	1
Medium Sand	10.2				%			10/03/13 19:06	1
Fine Sand	72.8				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	1.5				%			10/03/13 19:06	1
Clay	15.1				%			10/03/13 19:06	1

Client Sample ID: WLP-16A

Lab Sample ID: HWI0022-16
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		12		mg/Kg		09/26/13 16:58	09/29/13 01:17	20
Iron	45000		39		mg/Kg		09/26/13 16:58	09/29/13 01:17	20
Nickel	240		3.9		mg/Kg		09/26/13 16:58	09/29/13 01:17	20
Copper	31		5.9		mg/Kg		09/26/13 16:58	09/29/13 01:17	20
Zinc	110		7.8		mg/Kg		09/26/13 16:58	09/29/13 01:17	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			10/03/13 19:06	1
Coarse Sand	0.4				%			10/03/13 19:06	1
Medium Sand	15.7				%			10/03/13 19:06	1
Fine Sand	70.3				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	1.5				%			10/03/13 19:06	1
Clay	12.1				%			10/03/13 19:06	1

Client Sample ID: WLP-17A

Lab Sample ID: HWI0022-17
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/26/13 16:58	09/29/13 01:21	20
Iron	46000		39		mg/Kg		09/26/13 16:58	09/29/13 01:21	20
Nickel	230		3.9		mg/Kg		09/26/13 16:58	09/29/13 01:21	20
Copper	31		5.9		mg/Kg		09/26/13 16:58	09/29/13 01:21	20
Zinc	140		7.9		mg/Kg		09/26/13 16:58	09/29/13 01:21	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-17A

Lab Sample ID: HWI0022-17
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.1				%			10/03/13 19:06	1
Coarse Sand	0.8				%			10/03/13 19:06	1
Medium Sand	11.2				%			10/03/13 19:06	1
Fine Sand	69.0				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	1.6				%			10/03/13 19:06	1
Clay	17.3				%			10/03/13 19:06	1

Client Sample ID: WLP-18A

Lab Sample ID: HWI0022-18
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/26/13 17:50	09/29/13 02:43	20
Iron	43000		39		mg/Kg		09/26/13 17:50	09/29/13 02:43	20
Nickel	230		3.9		mg/Kg		09/26/13 17:50	09/29/13 02:43	20
Copper	33		5.9		mg/Kg		09/26/13 17:50	09/29/13 02:43	20
Zinc	130		7.8		mg/Kg		09/26/13 17:50	09/29/13 02:43	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.3				%			10/03/13 19:06	1
Coarse Sand	0.3				%			10/03/13 19:06	1
Medium Sand	13.4				%			10/03/13 19:06	1
Fine Sand	70.6				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.2				%			10/03/13 19:06	1
Clay	12.2				%			10/03/13 19:06	1

Client Sample ID: WLP-19A

Lab Sample ID: HWI0022-19
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	110		12		mg/Kg		09/26/13 17:50	09/29/13 02:47	20
Iron	43000		39		mg/Kg		09/26/13 17:50	09/29/13 02:47	20
Nickel	200		3.9		mg/Kg		09/26/13 17:50	09/29/13 02:47	20
Copper	44		5.8		mg/Kg		09/26/13 17:50	09/29/13 02:47	20
Zinc	190		7.8		mg/Kg		09/26/13 17:50	09/29/13 02:47	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.0				%			10/03/13 19:06	1
Coarse Sand	0.2				%			10/03/13 19:06	1
Medium Sand	15.3				%			10/03/13 19:06	1
Fine Sand	65.0				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.2				%			10/03/13 19:06	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-19A

Lab Sample ID: HWI0022-19
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Clay	16.3				%			10/03/13 19:06	1

Client Sample ID: WLP-20A

Lab Sample ID: HWI0022-20
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	130		12		mg/Kg		09/26/13 17:50	09/29/13 02:50	20
Iron	40000		39		mg/Kg		09/26/13 17:50	09/29/13 02:50	20
Nickel	200		3.9		mg/Kg		09/26/13 17:50	09/29/13 02:50	20
Copper	42		5.9		mg/Kg		09/26/13 17:50	09/29/13 02:50	20
Zinc	180		7.8		mg/Kg		09/26/13 17:50	09/29/13 02:50	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	2.0				%			10/03/13 19:06	1
Coarse Sand	0.6				%			10/03/13 19:06	1
Medium Sand	24.7				%			10/03/13 19:06	1
Fine Sand	56.3				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	1.5				%			10/03/13 19:06	1
Clay	14.9				%			10/03/13 19:06	1

Client Sample ID: WLP-21A

Lab Sample ID: HWI0022-21
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	260		12		mg/Kg		09/26/13 17:50	09/29/13 02:53	20
Iron	43000		39		mg/Kg		09/26/13 17:50	09/29/13 02:53	20
Nickel	200		3.9		mg/Kg		09/26/13 17:50	09/29/13 02:53	20
Copper	46		5.8		mg/Kg		09/26/13 17:50	09/29/13 02:53	20
Zinc	190		7.7		mg/Kg		09/26/13 17:50	09/29/13 02:53	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.4				%			10/03/13 19:06	1
Coarse Sand	0.8				%			10/03/13 19:06	1
Medium Sand	18.7				%			10/03/13 19:06	1
Fine Sand	61.9				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.2				%			10/03/13 19:06	1
Clay	15.0				%			10/03/13 19:06	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-22A

Lab Sample ID: HWI0022-22
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/26/13 17:50	09/29/13 02:56	20
Iron	42000		39		mg/Kg		09/26/13 17:50	09/29/13 02:56	20
Nickel	190		3.9		mg/Kg		09/26/13 17:50	09/29/13 02:56	20
Copper	47		5.9		mg/Kg		09/26/13 17:50	09/29/13 02:56	20
Zinc	200		7.8		mg/Kg		09/26/13 17:50	09/29/13 02:56	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.2				%			10/03/13 19:06	1
Coarse Sand	1.3				%			10/03/13 19:06	1
Medium Sand	20.4				%			10/03/13 19:06	1
Fine Sand	56.9				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.2				%			10/03/13 19:06	1
Clay	18.0				%			10/03/13 19:06	1

Client Sample ID: WLP-23A

Lab Sample ID: HWI0022-23
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/26/13 17:50	09/29/13 03:00	20
Iron	42000		38		mg/Kg		09/26/13 17:50	09/29/13 03:00	20
Nickel	230		3.8		mg/Kg		09/26/13 17:50	09/29/13 03:00	20
Copper	31		5.8		mg/Kg		09/26/13 17:50	09/29/13 03:00	20
Zinc	140		7.7		mg/Kg		09/26/13 17:50	09/29/13 03:00	20

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.1				%			10/03/13 19:06	1
Coarse Sand	0.4				%			10/03/13 19:06	1
Medium Sand	10.0				%			10/03/13 19:06	1
Fine Sand	69.8				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	3.2				%			10/03/13 19:06	1
Clay	16.6				%			10/03/13 19:06	1

Client Sample ID: WLP-24A

Lab Sample ID: HWI0022-24
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 09/05/13 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	160		12		mg/Kg		09/26/13 16:58	09/29/13 00:00	20
Iron	44000		39		mg/Kg		09/26/13 16:58	09/29/13 00:00	20
Nickel	230		3.9		mg/Kg		09/26/13 16:58	09/29/13 00:00	20
Copper	31		5.8		mg/Kg		09/26/13 16:58	09/29/13 00:00	20
Zinc	140		7.8		mg/Kg		09/26/13 16:58	09/29/13 00:00	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-24A

Date Collected: 08/22/13 14:30
Date Received: 09/05/13 15:00

Lab Sample ID: HWI0022-24

Matrix: Solid/Soil

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	0.4				%			10/03/13 19:06	1
Coarse Sand	0.3				%			10/03/13 19:06	1
Medium Sand	9.0				%			10/03/13 19:06	1
Fine Sand	72.4				%			10/03/13 19:06	1
Very Fine Sand	0.0				%			10/03/13 19:06	1
Silt	4.7				%			10/03/13 19:06	1
Clay	13.2				%			10/03/13 19:06	1

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-145939/22-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/26/13 16:58	09/28/13 23:47	1
Iron	ND		10		mg/Kg		09/26/13 16:58	09/28/13 23:47	1
Nickel	ND		1.0		mg/Kg		09/26/13 16:58	09/28/13 23:47	1
Copper	ND		1.5		mg/Kg		09/26/13 16:58	09/28/13 23:47	1
Zinc	ND		2.0		mg/Kg		09/26/13 16:58	09/28/13 23:47	1

Lab Sample ID: LCS 580-145939/23-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	204		mg/Kg		102	80 - 120
Iron	1100	1150		mg/Kg		104	80 - 120
Nickel	50.0	50.8		mg/Kg		102	80 - 120
Copper	25.0	26.1		mg/Kg		104	80 - 120
Zinc	50.0	50.8		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 580-145939/24-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	201		mg/Kg		100	80 - 120	1	20
Iron	1100	1120		mg/Kg		102	80 - 120	2	20
Nickel	50.0	50.3		mg/Kg		101	80 - 120	1	20
Copper	25.0	25.9		mg/Kg		104	80 - 120	1	20
Zinc	50.0	50.3		mg/Kg		101	80 - 120	1	20

Lab Sample ID: 580-40176-24 MS — **Client Sample ID: HWI0022-24**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	160		38.9	196	4	mg/Kg		90	80 - 120
Iron	44000		214	45600	4	mg/Kg		674	80 - 120
Nickel	230		9.73	244	4	mg/Kg		115	80 - 120
Copper	31		4.86	37.1	4	mg/Kg		127	80 - 120
Zinc	140		9.73	148	4	mg/Kg		124	80 - 120

Lab Sample ID: 580-40176-24 MSD — **Client Sample ID: HWI0022-24**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	160		39.2	194	4	mg/Kg		84	80 - 120	1	20
Iron	44000		216	43600	4	mg/Kg		-276	80 - 120	5	20
Nickel	230		9.80	244	4	mg/Kg		112	80 - 120	0	20
Copper	31		4.90	36.9	4	mg/Kg		121	80 - 120	1	20
Zinc	140		9.80	146	4	mg/Kg		101	80 - 120	1	20

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

Lab Sample ID: 580-40176-24 DU — **Client Sample ID: HWI0022-24**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146117 — **Prep Batch: 145939**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	160			158		mg/Kg				2	20
Iron	44000			43500		mg/Kg				2	20
Nickel	230			230		mg/Kg				1	20
Copper	31			30.5		mg/Kg				1	20
Zinc	140			134		mg/Kg				2	20

Lab Sample ID: MB 580-145946/19-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/26/13 17:50	09/29/13 01:33	1
Iron	ND		10		mg/Kg		09/26/13 17:50	09/29/13 01:33	1
Nickel	ND		1.0		mg/Kg		09/26/13 17:50	09/29/13 01:33	1
Copper	ND		1.5		mg/Kg		09/26/13 17:50	09/29/13 01:33	1
Zinc	ND		2.0		mg/Kg		09/26/13 17:50	09/29/13 01:33	1

Lab Sample ID: LCS 580-145946/20-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			200	196		mg/Kg		98	80 - 120		
Iron			1100	1100		mg/Kg		100	80 - 120		
Nickel			50.0	48.7		mg/Kg		97	80 - 120		
Copper			25.0	25.8		mg/Kg		103	80 - 120		
Zinc			50.0	50.2		mg/Kg		100	80 - 120		

Lab Sample ID: LCSD 580-145946/21-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			200	196		mg/Kg		98	80 - 120	0	20
Iron			1100	1110		mg/Kg		101	80 - 120	1	20
Nickel			50.0	49.0		mg/Kg		98	80 - 120	0	20
Copper			25.0	25.5		mg/Kg		102	80 - 120	1	20
Zinc			50.0	50.1		mg/Kg		100	80 - 120	0	20

Lab Sample ID: 580-40370-A-1-G MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	300		39.0	328	4	mg/Kg		69	80 - 120		
Iron	33000		214	34400	4	mg/Kg		851	80 - 120		
Nickel	210		9.74	244	4	mg/Kg		353	80 - 120		
Copper	74		4.87	81.2	4	mg/Kg		146	80 - 120		
Zinc	1000		9.74	1020	4	mg/Kg		248	80 - 120		

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

Lab Sample ID: 580-40370-A-1-H MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	300		37.7	332	4	mg/Kg		83	80 - 120	1	20
Iron	33000		207	33200	4	mg/Kg		312	80 - 120	3	20
Nickel	210		9.41	237	4	mg/Kg		284	80 - 120	3	20
Copper	74		4.71	81.0	4	mg/Kg		145	80 - 120	0	20
Zinc	1000		9.41	1010	4	mg/Kg		145	80 - 120	1	20

Lab Sample ID: 580-40370-A-1-F DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146118 — **Prep Batch: 145946**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	300			286		mg/Kg				5	20
Iron	33000			32000		mg/Kg				2	20
Nickel	210			217		mg/Kg				3	20
Copper	74			72.8		mg/Kg				2	20
Zinc	1000			1010		mg/Kg				2	20

Method: D422 - Grain Size

Lab Sample ID: 580-40176-1 DU — **Client Sample ID: HWI0022-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146729

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gravel	0.0			0.0		%					
Coarse Sand	0.2			0.7		%					
Medium Sand	22.6			19.3		%					
Fine Sand	57.2			57.9		%					
Very Fine Sand	0.0			0.0		%					
Silt	4.7			6.2		%					
Clay	15.3			15.9		%					

Lab Sample ID: 580-40176-12 DU — **Client Sample ID: HWI0022-12**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 146739

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gravel	0.1			0.0		%					
Coarse Sand	0.2			0.3		%					
Medium Sand	16.0			13.2		%					
Fine Sand	71.2			69.2		%					
Very Fine Sand	0.0			0.0		%					
Silt	3.1			3.2		%					
Clay	9.4			14.1		%					

Metals

Leach Batch: 145166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40176-24 DU	HWI0022-24	Total/NA	Solid	Increm, Prep	
580-40176-24 MS	HWI0022-24	Total/NA	Solid	Increm, Prep	
580-40176-24 MSD	HWI0022-24	Total/NA	Solid	Increm, Prep	
HWI0022-01	WLP-1A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-02	WLP-2A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-03	WLP-3A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-04	WLP-4A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-05	WLP-5A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-06	WLP-6A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-07	WLP-7A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-08	WLP-8A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-09	WLP-9A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-10	WLP-10A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-11	WLP-11A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-12	WLP-12A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-13	WLP-13A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-14	WLP-14A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-15	WLP-15A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-16	WLP-16A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-17	WLP-17A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-18	WLP-18A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-19	WLP-19A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-20	WLP-20A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-21	WLP-21A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-22	WLP-22A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-23	WLP-23A	Total/NA	Solid/Soil	Increm, Prep	
HWI0022-24	WLP-24A	Total/NA	Solid/Soil	Increm, Prep	

Leach Batch: 145660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40370-A-1-F DU	Duplicate	Total/NA	Solid	Increm, Prep	
580-40370-A-1-G MS	Matrix Spike	Total/NA	Solid	Increm, Prep	
580-40370-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	Increm, Prep	

Prep Batch: 145939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40176-24 DU	HWI0022-24	Total/NA	Solid	3050B	145166
580-40176-24 MS	HWI0022-24	Total/NA	Solid	3050B	145166
580-40176-24 MSD	HWI0022-24	Total/NA	Solid	3050B	145166
HWI0022-01	WLP-1A	Total/NA	Solid/Soil	3050B	145166
HWI0022-02	WLP-2A	Total/NA	Solid/Soil	3050B	145166
HWI0022-03	WLP-3A	Total/NA	Solid/Soil	3050B	145166
HWI0022-04	WLP-4A	Total/NA	Solid/Soil	3050B	145166
HWI0022-05	WLP-5A	Total/NA	Solid/Soil	3050B	145166
HWI0022-06	WLP-6A	Total/NA	Solid/Soil	3050B	145166
HWI0022-07	WLP-7A	Total/NA	Solid/Soil	3050B	145166
HWI0022-08	WLP-8A	Total/NA	Solid/Soil	3050B	145166
HWI0022-09	WLP-9A	Total/NA	Solid/Soil	3050B	145166
HWI0022-10	WLP-10A	Total/NA	Solid/Soil	3050B	145166
HWI0022-11	WLP-11A	Total/NA	Solid/Soil	3050B	145166
HWI0022-12	WLP-12A	Total/NA	Solid/Soil	3050B	145166

Metals (Continued)

Prep Batch: 145939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWI0022-13	WLP-13A	Total/NA	Solid/Soil	3050B	145166
HWI0022-14	WLP-14A	Total/NA	Solid/Soil	3050B	145166
HWI0022-15	WLP-15A	Total/NA	Solid/Soil	3050B	145166
HWI0022-16	WLP-16A	Total/NA	Solid/Soil	3050B	145166
HWI0022-17	WLP-17A	Total/NA	Solid/Soil	3050B	145166
HWI0022-24	WLP-24A	Total/NA	Solid/Soil	3050B	145166
LCS 580-145939/23-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-145939/24-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-145939/22-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 145946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40370-A-1-F DU	Duplicate	Total/NA	Solid	3050B	145660
580-40370-A-1-G MS	Matrix Spike	Total/NA	Solid	3050B	145660
580-40370-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	145660
HWI0022-18	WLP-18A	Total/NA	Solid/Soil	3050B	145166
HWI0022-19	WLP-19A	Total/NA	Solid/Soil	3050B	145166
HWI0022-20	WLP-20A	Total/NA	Solid/Soil	3050B	145166
HWI0022-21	WLP-21A	Total/NA	Solid/Soil	3050B	145166
HWI0022-22	WLP-22A	Total/NA	Solid/Soil	3050B	145166
HWI0022-23	WLP-23A	Total/NA	Solid/Soil	3050B	145166
LCS 580-145946/20-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-145946/21-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-145946/19-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 146117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40176-24 DU	HWI0022-24	Total/NA	Solid	6010B	145939
580-40176-24 MS	HWI0022-24	Total/NA	Solid	6010B	145939
580-40176-24 MSD	HWI0022-24	Total/NA	Solid	6010B	145939
HWI0022-01	WLP-1A	Total/NA	Solid/Soil	6010B	145939
HWI0022-02	WLP-2A	Total/NA	Solid/Soil	6010B	145939
HWI0022-03	WLP-3A	Total/NA	Solid/Soil	6010B	145939
HWI0022-04	WLP-4A	Total/NA	Solid/Soil	6010B	145939
HWI0022-05	WLP-5A	Total/NA	Solid/Soil	6010B	145939
HWI0022-06	WLP-6A	Total/NA	Solid/Soil	6010B	145939
HWI0022-07	WLP-7A	Total/NA	Solid/Soil	6010B	145939
HWI0022-08	WLP-8A	Total/NA	Solid/Soil	6010B	145939
HWI0022-09	WLP-9A	Total/NA	Solid/Soil	6010B	145939
HWI0022-10	WLP-10A	Total/NA	Solid/Soil	6010B	145939
HWI0022-11	WLP-11A	Total/NA	Solid/Soil	6010B	145939
HWI0022-12	WLP-12A	Total/NA	Solid/Soil	6010B	145939
HWI0022-13	WLP-13A	Total/NA	Solid/Soil	6010B	145939
HWI0022-14	WLP-14A	Total/NA	Solid/Soil	6010B	145939
HWI0022-15	WLP-15A	Total/NA	Solid/Soil	6010B	145939
HWI0022-16	WLP-16A	Total/NA	Solid/Soil	6010B	145939
HWI0022-17	WLP-17A	Total/NA	Solid/Soil	6010B	145939
HWI0022-24	WLP-24A	Total/NA	Solid/Soil	6010B	145939
LCS 580-145939/23-A	Lab Control Sample	Total/NA	Solid	6010B	145939
LCSD 580-145939/24-A	Lab Control Sample Dup	Total/NA	Solid	6010B	145939
MB 580-145939/22-A	Method Blank	Total/NA	Solid	6010B	145939

Metals (Continued)

Analysis Batch: 146118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40370-A-1-F DU	Duplicate	Total/NA	Solid	6010B	145946
580-40370-A-1-G MS	Matrix Spike	Total/NA	Solid	6010B	145946
580-40370-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	145946
HWI0022-18	WLP-18A	Total/NA	Solid/Soil	6010B	145946
HWI0022-19	WLP-19A	Total/NA	Solid/Soil	6010B	145946
HWI0022-20	WLP-20A	Total/NA	Solid/Soil	6010B	145946
HWI0022-21	WLP-21A	Total/NA	Solid/Soil	6010B	145946
HWI0022-22	WLP-22A	Total/NA	Solid/Soil	6010B	145946
HWI0022-23	WLP-23A	Total/NA	Solid/Soil	6010B	145946
LCS 580-145946/20-A	Lab Control Sample	Total/NA	Solid	6010B	145946
LCSD 580-145946/21-A	Lab Control Sample Dup	Total/NA	Solid	6010B	145946
MB 580-145946/19-A	Method Blank	Total/NA	Solid	6010B	145946

Geotechnical

Analysis Batch: 146729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40176-1 DU	HWI0022-01	Total/NA	Solid	D422	
HWI0022-01	WLP-1A	Total/NA	Solid/Soil	D422	
HWI0022-02	WLP-2A	Total/NA	Solid/Soil	D422	
HWI0022-03	WLP-3A	Total/NA	Solid/Soil	D422	
HWI0022-04	WLP-4A	Total/NA	Solid/Soil	D422	
HWI0022-05	WLP-5A	Total/NA	Solid/Soil	D422	
HWI0022-06	WLP-6A	Total/NA	Solid/Soil	D422	
HWI0022-07	WLP-7A	Total/NA	Solid/Soil	D422	
HWI0022-08	WLP-8A	Total/NA	Solid/Soil	D422	
HWI0022-09	WLP-9A	Total/NA	Solid/Soil	D422	
HWI0022-10	WLP-10A	Total/NA	Solid/Soil	D422	
HWI0022-11	WLP-11A	Total/NA	Solid/Soil	D422	
HWI0022-13	WLP-13A	Total/NA	Solid/Soil	D422	

Analysis Batch: 146739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-40176-12 DU	HWI0022-12	Total/NA	Solid	D422	
HWI0022-12	WLP-12A	Total/NA	Solid/Soil	D422	
HWI0022-14	WLP-14A	Total/NA	Solid/Soil	D422	
HWI0022-15	WLP-15A	Total/NA	Solid/Soil	D422	
HWI0022-16	WLP-16A	Total/NA	Solid/Soil	D422	
HWI0022-17	WLP-17A	Total/NA	Solid/Soil	D422	
HWI0022-18	WLP-18A	Total/NA	Solid/Soil	D422	
HWI0022-19	WLP-19A	Total/NA	Solid/Soil	D422	
HWI0022-20	WLP-20A	Total/NA	Solid/Soil	D422	
HWI0022-21	WLP-21A	Total/NA	Solid/Soil	D422	
HWI0022-22	WLP-22A	Total/NA	Solid/Soil	D422	
HWI0022-23	WLP-23A	Total/NA	Solid/Soil	D422	
HWI0022-24	WLP-24A	Total/NA	Solid/Soil	D422	

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-1A — Lab Sample ID: HWI0022-01

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:22	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-2A — Lab Sample ID: HWI0022-02

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:25	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-3A — Lab Sample ID: HWI0022-03

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:29	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-4A — Lab Sample ID: HWI0022-04

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:32	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-5A — Lab Sample ID: HWI0022-05

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:35	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-5A — Lab Sample ID: HWI0022-05

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-6A — Lab Sample ID: HWI0022-06

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:39	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-7A — Lab Sample ID: HWI0022-07

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:42	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-8A — Lab Sample ID: HWI0022-08

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:45	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-9A — Lab Sample ID: HWI0022-09

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:48	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-10A — Lab Sample ID: HWI0022-10

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:58	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-11A — Lab Sample ID: HWI0022-11

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:01	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-12A — Lab Sample ID: HWI0022-12

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:04	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-13A — Lab Sample ID: HWI0022-13

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:07	HJM	TAL SEA
Total/NA	Analysis	D422		1	146729	09/30/13 17:22	AJM	TAL SEA

Client Sample ID: WLP-14A — Lab Sample ID: HWI0022-14

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:11	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-14A — Lab Sample ID: HWI0022-14

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-15A — Lab Sample ID: HWI0022-15

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:14	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-16A — Lab Sample ID: HWI0022-16

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:17	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-17A — Lab Sample ID: HWI0022-17

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 01:21	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-18A — Lab Sample ID: HWI0022-18

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 02:43	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-19A — Lab Sample ID: HWI0022-19

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 02:47	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-20A — Lab Sample ID: HWI0022-20

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:13	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 02:50	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-21A — Lab Sample ID: HWI0022-21

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:17	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 02:53	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-22A — Lab Sample ID: HWI0022-22

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:17	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 02:56	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-23A — Lab Sample ID: HWI0022-23

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:17	HJM	TAL SEA
Total/NA	Prep	3050B			145946	09/26/13 17:50	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146118	09/29/13 03:00	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Client Sample ID: WLP-23A

Lab Sample ID: HWI0022-23

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Client Sample ID: WLP-24A

Lab Sample ID: HWI0022-24

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 09/05/13 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			145166	09/17/13 16:17	HJM	TAL SEA
Total/NA	Prep	3050B			145939	09/26/13 16:58	PAB	TAL SEA
Total/NA	Analysis	6010B		20	146117	09/29/13 00:00	HJM	TAL SEA
Total/NA	Analysis	D422		1	146739	10/03/13 19:06	AJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E87907	06-30-14
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14
California	NELAP	9	01115CA	01-31-14
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-13
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-14

Method Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWI0022

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA
D422	Grain Size	ASTM	TAL SEA

Protocol References:

ASTM = ASTM International

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling: HW10022
Project Name: Wailoa Park Arsenic Study	☐ 1 week			Job / SDG No.:
Site: Wailoa Park, Hilo	☐ 2 days			
PO# 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Arsenic (6010B) Cu Ni Zn Fe	Grain Size (ASTM D-422/421)	Sample Specific Notes:
WLP-1A	8/22/2013	2:30pm	G	Soil	1			X	X	HW10022-01
WLP-2A	8/22/2013	2:30pm	G	Soil	1			X	X	-02
WLP-3A	8/22/2013	2:30pm	G	Soil	1			X	X	-03
WLP-4A	8/22/2013	2:30pm	G	Soil	1			X	X	-04
WLP-5A	8/22/2013	2:30pm	G	Soil	1			X	X	-05
WLP-6A	8/22/2013	2:30pm	G	Soil	1			X	X	-06
WLP-7A	8/22/2013	2:30pm	G	Soil	1			X	X	-07
WLP-8A	8/22/2013	2:30pm	G	Soil	1			X	X	-08
WLP-9A	8/22/2013	2:30pm	G	Soil	1			X	X	-09
WLP-10A	8/22/2013	2:30pm	G	Soil	1			X	X	-10
WLP-11A	8/22/2013	2:30pm	G	Soil	1			X	X	-11
WLP-12A	8/22/2013	2:30pm	G	Soil	1			X	X	-12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	8/26/13 12:39	[signature]	Geotek Hawaii	8/26/13 12:39
[signature]	Geotek Hawaii	9/5/13 15:00	[signature]	T A Hon	9/5/13 1500
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling: KW10022
Project Name: Wailoa Park Arsenic Study	☐ 1 week			Job / SDG No.:
Site: Wailoa Park, Hilo	☐ 2 days			
PO# 1097584	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Arsenic (6010B)	Grain Size (ASTM D-422/421)	Sample Specific Notes:
WLP-13A	8/22/2013	2:30pm	G	Soil	1			X	X	KW10022-13
WLP-14A	8/22/2013	2:30pm	G	Soil	1			X	X	-14
WLP-15A	8/22/2013	2:30pm	G	Soil	1			X	X	-15
WLP-16A	8/22/2013	2:30pm	G	Soil	1			X	X	-16
WLP-17A	8/22/2013	2:30pm	G	Soil	1			X	X	-17
WLP-18A	8/22/2013	2:30pm	G	Soil	1			X	X	-18
WLP-19A	8/22/2013	2:30pm	G	Soil	1			X	X	-19
WLP-20A	8/22/2013	2:30pm	G	Soil	1			X	X	-20
WLP-21A	8/22/2013	2:30pm	G	Soil	1			X	X	-21
WLP-22A	8/22/2013	2:30pm	G	Soil	1			X	X	-22
WLP-23A	8/22/2013	2:30pm	G	Soil	1			X	X	-23
WLP-24A	8/22/2013	2:30pm	G	Soil	1			X	X	-24

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	8/26/13 12:30 pm	[signature]	GeoTek Hawaii	8/26/13 12:38
Relinquished by: [signature]	Company: GeoTek Hawaii	Date/Time: 9/5/13 1500	Received by: [signature]	Company: TA Hawaii	Date/Time: 9/5/13 1500 [signature]
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH MEER Date/ Time Received: 9/5/13 1500

Received By: N

Matrices: Soil Carrier: Hand Airbill# :

Shipping container/cooler in good condition?	Yes ✓	No ☐	Not Present ☐
Chain of Custody present?	Yes ✓	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ✓	No ☐	
Chain of Custody agrees with sample labels?	Yes ✓	No ☐	
Samples in proper container/bottle?	Yes ✓	No ☐	
Sample containers intact?	Yes ✓	No ☐	
Sample containers on ice?	Yes ☐	No ✓	Type: N/A
Sufficient sample volume for indicated test?	Yes ✓	No ☐	
All samples received within holding time?	Yes ✓	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ✓
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ✓
pH Adjusted?	Yes ☐	No ✓	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ✓	Location:
Sample Filtration Needed?	Yes ☐	No ✓	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ✓	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ✓	Type:

Temperature Blank Present? Yes ☐ No ✓

Sample Container Temperature: 23 °C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
99-193 Aiea Heights Drive, Suite 121
Aiea, HI 96701
Tel: 808-486-5227

TestAmerica Job ID: HWH0103
Client Project/Site: Wailoa Park Arsenic Study
Client Project Description:
HDOH Sampling - DOH-TO-312 Arsenic Heterogeneity

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
9/23/2013 4:04:45 PM

Kristie Reilly, Project Manager
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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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Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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.
F	MS/MSD Recovery and/or RPD exceeds the control limits

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Job ID: HWH0103

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 29 degrees C.
NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 8/28/2013 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 23.1º C and 23.1º C.

Metals - Method 6010B:
The method blank for prep batch 144284 contained Fe above the reporting limit (RL). The associated samples contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The results have been "B" qualified and reported.

The method blank for prep batch 144635 contained Fe above the reporting limit (RL). The associated samples contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

The matrix spike duplicate (MSD) recoveries for analysis batch 144857 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The results have been "F" qualified and reported.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HWH0103-01	WLP-1B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-02	WLP-1C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-03	WLP-1D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-04	WLP-1E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-05	WLP-2B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-06	WLP-2C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-07	WLP-2D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-08	WLP-2E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-09	WLP-3B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-10	WLP-3C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-11	WLP-3D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-12	WLP-3E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-13	WLP-4B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-14	WLP-4C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-15	WLP-4D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-16	WLP-4E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-17	WLP-5B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-18	WLP-5C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-19	WLP-5D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-20	WLP-5E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-21	WLP-6B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-22	WLP-6C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-23	WLP-6D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-24	WLP-6E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-25	WLP-7B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-26	WLP-7C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-27	WLP-7D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-28	WLP-7E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-29	WLP-8B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-30	WLP-8C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-31	WLP-8D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-32	WLP-8E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-33	WLP-9B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-34	WLP-9C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-35	WLP-9D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-36	WLP-9E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-37	WLP-10B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-38	WLP-10C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-39	WLP-10D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-40	WLP-10E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-41	WLP-11B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-42	WLP-11C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-43	WLP-11D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-44	WLP-11E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-45	WLP-12B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-46	WLP-12C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-47	WLP-12D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-48	WLP-12E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-49	WLP-13B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-50	WLP-13C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-51	WLP-13D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-52	WLP-13E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-53	WLP-14B	Solid/Soil	08/22/13 14:30	08/26/13 13:45

Sample Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HWH0103-54	WLP-14C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-55	WLP-14D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-56	WLP-14E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-57	WLP-15B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-58	WLP-15C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-59	WLP-15D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-60	WLP-15E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-61	WLP-16B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-62	WLP-16C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-63	WLP-16D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-64	WLP-16E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-65	WLP-17B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-66	WLP-17C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-67	WLP-17D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-68	WLP-17E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-69	WLP-18B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-70	WLP-18C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-71	WLP-18D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-72	WLP-18E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-73	WLP-19B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-74	WLP-19C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-75	WLP-19D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-76	WLP-19E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-77	WLP-20B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-78	WLP-20C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-79	WLP-20D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-80	WLP-20E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-81	WLP-21B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-82	WLP-21C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-83	WLP-21D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-84	WLP-21E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-85	WLP-22B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-86	WLP-22C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-87	WLP-22D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-88	WLP-22E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-89	WLP-23B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-90	WLP-23C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-91	WLP-23D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-92	WLP-23E	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-93	WLP-24B	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-94	WLP-24C	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-95	WLP-24D	Solid/Soil	08/22/13 14:30	08/26/13 13:45
HWH0103-96	WLP-24E	Solid/Soil	08/22/13 14:30	08/26/13 13:45

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-1B — Lab Sample ID: HWH0103-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.9		mg/Kg	20		6010B	Total/NA
Lead	44		5.9		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-1C — Lab Sample ID: HWH0103-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	130		12		mg/Kg	20		6010B	Total/NA
Copper	25		5.9		mg/Kg	20		6010B	Total/NA
Lead	25		5.9		mg/Kg	20		6010B	Total/NA
Zinc	100		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-1D — Lab Sample ID: HWH0103-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	170		12		mg/Kg	20		6010B	Total/NA
Copper	27		5.9		mg/Kg	20		6010B	Total/NA
Lead	29		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.9		mg/Kg	20		6010B	Total/NA
Iron	51000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-1E — Lab Sample ID: HWH0103-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	190		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.8		mg/Kg	20		6010B	Total/NA
Lead	47		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.7		mg/Kg	20		6010B	Total/NA
Iron	50000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-2B — Lab Sample ID: HWH0103-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	120		12		mg/Kg	20		6010B	Total/NA
Copper	25		5.8		mg/Kg	20		6010B	Total/NA
Lead	23		5.8		mg/Kg	20		6010B	Total/NA
Zinc	94		7.7		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-2C — Lab Sample ID: HWH0103-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.9		mg/Kg	20		6010B	Total/NA
Lead	37		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.9		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-2D — Lab Sample ID: HWH0103-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	260		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.8		mg/Kg	20		6010B	Total/NA
Lead	34		5.8		mg/Kg	20		6010B	Total/NA
Zinc	97		7.8		mg/Kg	20		6010B	Total/NA
Iron	51000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-2E — Lab Sample ID: HWH0103-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	120		12		mg/Kg	20		6010B	Total/NA
Copper	27		5.9		mg/Kg	20		6010B	Total/NA
Lead	28		5.9		mg/Kg	20		6010B	Total/NA
Zinc	97		7.9		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-3B — Lab Sample ID: HWH0103-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	35		5.8		mg/Kg	20		6010B	Total/NA
Lead	94		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-3C — Lab Sample ID: HWH0103-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.8		mg/Kg	20		6010B	Total/NA
Lead	60		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-3D — Lab Sample ID: HWH0103-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	280		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.9		mg/Kg	20		6010B	Total/NA
Lead	52		5.9		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-3E — Lab Sample ID: HWH0103-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		11		mg/Kg	20		6010B	Total/NA
Copper	32		5.7		mg/Kg	20		6010B	Total/NA
Lead	55		5.7		mg/Kg	20		6010B	Total/NA
Zinc	150		7.6		mg/Kg	20		6010B	Total/NA
Iron	51000	B	38		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-4B — Lab Sample ID: HWH0103-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	380		12		mg/Kg	20		6010B	Total/NA
Copper	35		5.8		mg/Kg	20		6010B	Total/NA
Lead	44		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA
Iron	48000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-4C — Lab Sample ID: HWH0103-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	410		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.9		mg/Kg	20		6010B	Total/NA
Lead	38		5.9		mg/Kg	20		6010B	Total/NA
Zinc	120		7.9		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-4D — Lab Sample ID: HWH0103-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		11		mg/Kg	20		6010B	Total/NA
Copper	32		5.7		mg/Kg	20		6010B	Total/NA
Lead	37		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.6		mg/Kg	20		6010B	Total/NA
Iron	49000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-4E — Lab Sample ID: HWH0103-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	430		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.9		mg/Kg	20		6010B	Total/NA
Lead	39		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.9		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-5B — Lab Sample ID: HWH0103-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	340		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Lead	48		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-5C — Lab Sample ID: HWH0103-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.9		mg/Kg	20		6010B	Total/NA
Lead	46		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.9		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-5D — Lab Sample ID: HWH0103-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Lead	44		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-5E — Lab Sample ID: HWH0103-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	310		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.9		mg/Kg	20		6010B	Total/NA
Lead	45		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.9		mg/Kg	20		6010B	Total/NA
Iron	47000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-6B — Lab Sample ID: HWH0103-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	28		5.9		mg/Kg	20		6010B	Total/NA
Lead	42		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.9		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-6C — Lab Sample ID: HWH0103-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.8		mg/Kg	20		6010B	Total/NA
Lead	45		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	51000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-6D — Lab Sample ID: HWH0103-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		11		mg/Kg	20		6010B	Total/NA
Copper	31		5.7		mg/Kg	20		6010B	Total/NA
Lead	48		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA
Iron	55000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-6E — Lab Sample ID: HWH0103-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	53000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-7B — Lab Sample ID: HWH0103-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	84		11		mg/Kg	20		6010B	Total/NA
Copper	28		5.7		mg/Kg	20		6010B	Total/NA
Lead	59		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.6		mg/Kg	20		6010B	Total/NA
Iron	49000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-7C — Lab Sample ID: HWH0103-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	130		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.9		mg/Kg	20		6010B	Total/NA
Lead	89		5.9		mg/Kg	20		6010B	Total/NA
Zinc	160		7.8		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-7D — Lab Sample ID: HWH0103-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Copper	35		5.9		mg/Kg	20		6010B	Total/NA
Lead	290		5.9		mg/Kg	20		6010B	Total/NA
Zinc	380		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-7E — Lab Sample ID: HWH0103-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	94		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.9		mg/Kg	20		6010B	Total/NA
Lead	140		5.9		mg/Kg	20		6010B	Total/NA
Zinc	210		7.9		mg/Kg	20		6010B	Total/NA
Iron	53000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-8B — Lab Sample ID: HWH0103-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	190		12		mg/Kg	20		6010B	Total/NA
Copper	23		5.8		mg/Kg	20		6010B	Total/NA
Lead	27		5.8		mg/Kg	20		6010B	Total/NA
Zinc	93		7.8		mg/Kg	20		6010B	Total/NA
Iron	53000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-8C — Lab Sample ID: HWH0103-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		12		mg/Kg	20		6010B	Total/NA
Copper	25		5.8		mg/Kg	20		6010B	Total/NA
Lead	24		5.8		mg/Kg	20		6010B	Total/NA
Zinc	93		7.7		mg/Kg	20		6010B	Total/NA
Iron	55000		38		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-8D — Lab Sample ID: HWH0103-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	270		12		mg/Kg	20		6010B	Total/NA
Copper	26		5.9		mg/Kg	20		6010B	Total/NA
Lead	25		5.9		mg/Kg	20		6010B	Total/NA
Zinc	91		7.8		mg/Kg	20		6010B	Total/NA
Iron	52000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-8E — Lab Sample ID: HWH0103-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		12		mg/Kg	20		6010B	Total/NA
Copper	24		5.8		mg/Kg	20		6010B	Total/NA
Lead	27		5.8		mg/Kg	20		6010B	Total/NA
Zinc	90		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-9B — Lab Sample ID: HWH0103-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		11		mg/Kg	20		6010B	Total/NA
Copper	33		5.7		mg/Kg	20		6010B	Total/NA
Lead	43		5.7		mg/Kg	20		6010B	Total/NA
Zinc	100		7.6		mg/Kg	20		6010B	Total/NA
Iron	44000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-9C — Lab Sample ID: HWH0103-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Copper	39		5.8		mg/Kg	20		6010B	Total/NA
Lead	36		5.8		mg/Kg	20		6010B	Total/NA
Zinc	87		7.8		mg/Kg	20		6010B	Total/NA
Iron	37000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-9D — Lab Sample ID: HWH0103-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.8		mg/Kg	20		6010B	Total/NA
Lead	37		5.8		mg/Kg	20		6010B	Total/NA
Zinc	100		7.7		mg/Kg	20		6010B	Total/NA
Iron	46000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-9E — Lab Sample ID: HWH0103-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Copper	36		5.9		mg/Kg	20		6010B	Total/NA
Lead	32		5.9		mg/Kg	20		6010B	Total/NA
Zinc	80		7.8		mg/Kg	20		6010B	Total/NA
Iron	32000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-10B — Lab Sample ID: HWH0103-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	340		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.8		mg/Kg	20		6010B	Total/NA
Lead	39		5.8		mg/Kg	20		6010B	Total/NA
Zinc	100		7.7		mg/Kg	20		6010B	Total/NA
Iron	47000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-10C — Lab Sample ID: HWH0103-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		11		mg/Kg	20		6010B	Total/NA
Copper	34		5.6		mg/Kg	20		6010B	Total/NA
Lead	40		5.6		mg/Kg	20		6010B	Total/NA
Zinc	110		7.4		mg/Kg	20		6010B	Total/NA
Iron	54000		37		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-10D — Lab Sample ID: HWH0103-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	270		12		mg/Kg	20		6010B	Total/NA
Copper	38		5.8		mg/Kg	20		6010B	Total/NA
Lead	47		5.8		mg/Kg	20		6010B	Total/NA
Zinc	180		7.7		mg/Kg	20		6010B	Total/NA
Iron	59000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-10E — Lab Sample ID: HWH0103-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	44		5.8		mg/Kg	20		6010B	Total/NA
Zinc	110		7.7		mg/Kg	20		6010B	Total/NA
Iron	50000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-11B — Lab Sample ID: HWH0103-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.9		mg/Kg	20		6010B	Total/NA
Lead	40		5.9		mg/Kg	20		6010B	Total/NA
Zinc	100		7.8		mg/Kg	20		6010B	Total/NA
Iron	43000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-11C — Lab Sample ID: HWH0103-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	460		12		mg/Kg	20		6010B	Total/NA
Copper	31		6.0		mg/Kg	20		6010B	Total/NA
Lead	41		6.0		mg/Kg	20		6010B	Total/NA
Zinc	100		8.0		mg/Kg	20		6010B	Total/NA
Iron	46000	B	40		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-11D — Lab Sample ID: HWH0103-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	300		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA
Iron	46000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-11E — Lab Sample ID: HWH0103-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-12B — Lab Sample ID: HWH0103-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	340		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.8		mg/Kg	20		6010B	Total/NA
Lead	43		5.8		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA
Iron	41000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-12C — Lab Sample ID: HWH0103-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		11		mg/Kg	20		6010B	Total/NA
Copper	33		5.7		mg/Kg	20		6010B	Total/NA
Lead	46		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA
Iron	45000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-12D — Lab Sample ID: HWH0103-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	370		11		mg/Kg	20		6010B	Total/NA
Copper	32		5.7		mg/Kg	20		6010B	Total/NA
Lead	46		5.7		mg/Kg	20		6010B	Total/NA
Zinc	120		7.6		mg/Kg	20		6010B	Total/NA
Iron	46000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-12E — Lab Sample ID: HWH0103-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	380		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	40		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.7		mg/Kg	20		6010B	Total/NA
Iron	47000	B	38		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-13B — Lab Sample ID: HWH0103-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	330		11		mg/Kg	20		6010B	Total/NA
Copper	34		5.7		mg/Kg	20		6010B	Total/NA
Lead	52		5.7		mg/Kg	20		6010B	Total/NA
Zinc	150		7.6		mg/Kg	20		6010B	Total/NA
Iron	46000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-13C — Lab Sample ID: HWH0103-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	310		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Lead	52		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.7		mg/Kg	20		6010B	Total/NA
Iron	47000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-13D — Lab Sample ID: HWH0103-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.9		mg/Kg	20		6010B	Total/NA
Lead	54		5.9		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-13E — Lab Sample ID: HWH0103-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	270		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Lead	51		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA
Iron	43000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-14B — Lab Sample ID: HWH0103-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	400		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.9		mg/Kg	20		6010B	Total/NA
Lead	50		5.9		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	44000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-14C — Lab Sample ID: HWH0103-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	270		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.8		mg/Kg	20		6010B	Total/NA
Lead	54		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA
Iron	47000	B	39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-14D — Lab Sample ID: HWH0103-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	310		11		mg/Kg	20		6010B	Total/NA
Copper	35		5.7		mg/Kg	20		6010B	Total/NA
Lead	53		5.7		mg/Kg	20		6010B	Total/NA
Zinc	140		7.6		mg/Kg	20		6010B	Total/NA
Iron	46000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-14E — Lab Sample ID: HWH0103-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	350		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.7		mg/Kg	20		6010B	Total/NA
Iron	45000	B	38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-15B — Lab Sample ID: HWH0103-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	240		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-15C — Lab Sample ID: HWH0103-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		11		mg/Kg	20		6010B	Total/NA
Copper	31		5.5		mg/Kg	20		6010B	Total/NA
Lead	40		5.5		mg/Kg	20		6010B	Total/NA
Zinc	110		7.4		mg/Kg	20		6010B	Total/NA
Iron	46000	B	37		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-15D — Lab Sample ID: HWH0103-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	260		12		mg/Kg	20		6010B	Total/NA
Copper	35		5.9		mg/Kg	20		6010B	Total/NA
Lead	49		5.9		mg/Kg	20		6010B	Total/NA
Zinc	120		7.9		mg/Kg	20		6010B	Total/NA
Iron	52000	B	39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-15E — Lab Sample ID: HWH0103-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	290		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.9		mg/Kg	20		6010B	Total/NA
Lead	42		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA
Iron	49000	B	39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-16B — Lab Sample ID: HWH0103-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Copper	37		5.9		mg/Kg	20		6010B	Total/NA
Lead	36		5.9		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	46000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-16C — Lab Sample ID: HWH0103-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	220		12		mg/Kg	20		6010B	Total/NA
Copper	40		5.8		mg/Kg	20		6010B	Total/NA
Lead	37		5.8		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA
Iron	46000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-16D — Lab Sample ID: HWH0103-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	320		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.9		mg/Kg	20		6010B	Total/NA
Lead	35		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA
Iron	46000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-16E — Lab Sample ID: HWH0103-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	210		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Lead	33		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-17B — Lab Sample ID: HWH0103-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.8		mg/Kg	20		6010B	Total/NA
Lead	46		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.8		mg/Kg	20		6010B	Total/NA
Iron	40000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-17C — Lab Sample ID: HWH0103-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	120		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.9		mg/Kg	20		6010B	Total/NA
Lead	39		5.9		mg/Kg	20		6010B	Total/NA
Zinc	120		7.9		mg/Kg	20		6010B	Total/NA
Iron	41000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-17D — Lab Sample ID: HWH0103-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	100		12		mg/Kg	20		6010B	Total/NA
Copper	29		5.9		mg/Kg	20		6010B	Total/NA
Lead	30		5.9		mg/Kg	20		6010B	Total/NA
Zinc	110		7.9		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-17E — Lab Sample ID: HWH0103-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	190		11		mg/Kg	20		6010B	Total/NA
Copper	33		5.7		mg/Kg	20		6010B	Total/NA
Lead	49		5.7		mg/Kg	20		6010B	Total/NA
Zinc	140		7.6		mg/Kg	20		6010B	Total/NA
Iron	50000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-18B — Lab Sample ID: HWH0103-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Copper	34		5.9		mg/Kg	20		6010B	Total/NA
Lead	53		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-18C — Lab Sample ID: HWH0103-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	160		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Lead	55		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-18D — Lab Sample ID: HWH0103-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		11		mg/Kg	20		6010B	Total/NA
Copper	34		5.6		mg/Kg	20		6010B	Total/NA
Lead	61		5.6		mg/Kg	20		6010B	Total/NA
Zinc	130		7.5		mg/Kg	20		6010B	Total/NA
Iron	49000		37		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-18E — Lab Sample ID: HWH0103-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	170		12		mg/Kg	20		6010B	Total/NA
Copper	35		5.8		mg/Kg	20		6010B	Total/NA
Lead	72		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-19B — Lab Sample ID: HWH0103-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	130		12		mg/Kg	20		6010B	Total/NA
Copper	45		5.8		mg/Kg	20		6010B	Total/NA
Lead	80		5.8		mg/Kg	20		6010B	Total/NA
Zinc	190		7.7		mg/Kg	20		6010B	Total/NA
Iron	51000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-19C — Lab Sample ID: HWH0103-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	120		12		mg/Kg	20		6010B	Total/NA
Copper	46		5.9		mg/Kg	20		6010B	Total/NA
Lead	85		5.9		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-19D — Lab Sample ID: HWH0103-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	110		12		mg/Kg	20		6010B	Total/NA
Copper	44		5.8		mg/Kg	20		6010B	Total/NA
Lead	74		5.8		mg/Kg	20		6010B	Total/NA
Zinc	180		7.8		mg/Kg	20		6010B	Total/NA
Iron	49000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-19E — Lab Sample ID: HWH0103-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	110		12		mg/Kg	20		6010B	Total/NA
Copper	47		5.8		mg/Kg	20		6010B	Total/NA
Lead	90		5.8		mg/Kg	20		6010B	Total/NA
Zinc	180		7.7		mg/Kg	20		6010B	Total/NA
Iron	50000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-20B — Lab Sample ID: HWH0103-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Copper	46		5.9		mg/Kg	20		6010B	Total/NA
Lead	100		5.9		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA
Iron	50000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-20C — Lab Sample ID: HWH0103-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		11		mg/Kg	20		6010B	Total/NA
Copper	50		5.7		mg/Kg	20		6010B	Total/NA
Lead	85		5.7		mg/Kg	20		6010B	Total/NA
Zinc	200		7.6		mg/Kg	20		6010B	Total/NA
Iron	54000		38		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-20D — Lab Sample ID: HWH0103-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		12		mg/Kg	20		6010B	Total/NA
Copper	45		5.8		mg/Kg	20		6010B	Total/NA
Lead	110		5.8		mg/Kg	20		6010B	Total/NA
Zinc	200		7.7		mg/Kg	20		6010B	Total/NA
Iron	51000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-20E — Lab Sample ID: HWH0103-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	150		12		mg/Kg	20		6010B	Total/NA
Copper	41		5.9		mg/Kg	20		6010B	Total/NA
Lead	78		5.9		mg/Kg	20		6010B	Total/NA
Zinc	180		7.8		mg/Kg	20		6010B	Total/NA
Iron	48000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-21B — Lab Sample ID: HWH0103-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Copper	43		5.9		mg/Kg	20		6010B	Total/NA
Lead	76		5.9		mg/Kg	20		6010B	Total/NA
Zinc	170		7.9		mg/Kg	20		6010B	Total/NA
Iron	43000		40		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-21C — Lab Sample ID: HWH0103-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	260		12		mg/Kg	20		6010B	Total/NA
Copper	47		5.8		mg/Kg	20		6010B	Total/NA
Lead	81		5.8		mg/Kg	20		6010B	Total/NA
Zinc	180		7.7		mg/Kg	20		6010B	Total/NA
Iron	45000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-21D — Lab Sample ID: HWH0103-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	270		12		mg/Kg	20		6010B	Total/NA
Copper	47		5.8		mg/Kg	20		6010B	Total/NA
Lead	82		5.8		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA
Iron	47000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-21E — Lab Sample ID: HWH0103-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	240		12		mg/Kg	20		6010B	Total/NA
Copper	44		5.9		mg/Kg	20		6010B	Total/NA
Lead	80		5.9		mg/Kg	20		6010B	Total/NA
Zinc	180		7.8		mg/Kg	20		6010B	Total/NA
Iron	45000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-22B — Lab Sample ID: HWH0103-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		12		mg/Kg	20		6010B	Total/NA
Copper	48		6.0		mg/Kg	20		6010B	Total/NA
Lead	100		6.0		mg/Kg	20		6010B	Total/NA
Zinc	190		8.0		mg/Kg	20		6010B	Total/NA
Iron	42000		40		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-22C — Lab Sample ID: HWH0103-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		12		mg/Kg	20		6010B	Total/NA
Copper	46		5.8		mg/Kg	20		6010B	Total/NA
Lead	83		5.8		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA
Iron	44000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-22D — Lab Sample ID: HWH0103-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		12		mg/Kg	20		6010B	Total/NA
Copper	42		5.9		mg/Kg	20		6010B	Total/NA
Lead	86		5.9		mg/Kg	20		6010B	Total/NA
Zinc	190		7.8		mg/Kg	20		6010B	Total/NA
Iron	43000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-22E — Lab Sample ID: HWH0103-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		12		mg/Kg	20		6010B	Total/NA
Copper	47		5.8		mg/Kg	20		6010B	Total/NA
Lead	94		5.8		mg/Kg	20		6010B	Total/NA
Zinc	220		7.8		mg/Kg	20		6010B	Total/NA
Iron	45000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-23B — Lab Sample ID: HWH0103-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.9		mg/Kg	20		6010B	Total/NA
Lead	47		5.9		mg/Kg	20		6010B	Total/NA
Zinc	130		7.9		mg/Kg	20		6010B	Total/NA
Iron	45000		40		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-23C — Lab Sample ID: HWH0103-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	53		5.8		mg/Kg	20		6010B	Total/NA
Zinc	150		7.7		mg/Kg	20		6010B	Total/NA
Iron	46000		38		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-23D — Lab Sample ID: HWH0103-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		12		mg/Kg	20		6010B	Total/NA
Copper	32		5.8		mg/Kg	20		6010B	Total/NA
Lead	49		5.8		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA
Iron	45000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-23E — Lab Sample ID: HWH0103-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	200		12		mg/Kg	20		6010B	Total/NA
Copper	31		5.9		mg/Kg	20		6010B	Total/NA
Lead	49		5.9		mg/Kg	20		6010B	Total/NA
Zinc	140		7.8		mg/Kg	20		6010B	Total/NA
Iron	43000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-24B — Lab Sample ID: HWH0103-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	190		11		mg/Kg	20		6010B	Total/NA
Copper	33		5.7		mg/Kg	20		6010B	Total/NA
Lead	57		5.7		mg/Kg	20		6010B	Total/NA
Zinc	140		7.6		mg/Kg	20		6010B	Total/NA
Iron	47000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-24C — Lab Sample ID: HWH0103-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	130		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.8		mg/Kg	20		6010B	Total/NA
Lead	40		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	37000		39		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-24D — Lab Sample ID: HWH0103-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	170		12		mg/Kg	20		6010B	Total/NA
Copper	33		5.8		mg/Kg	20		6010B	Total/NA
Lead	47		5.8		mg/Kg	20		6010B	Total/NA
Zinc	130		7.7		mg/Kg	20		6010B	Total/NA
Iron	48000		38		mg/Kg	20		6010B	Total/NA

Client Sample ID: WLP-24E — Lab Sample ID: HWH0103-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		12		mg/Kg	20		6010B	Total/NA
Copper	30		5.8		mg/Kg	20		6010B	Total/NA
Lead	41		5.8		mg/Kg	20		6010B	Total/NA
Zinc	120		7.8		mg/Kg	20		6010B	Total/NA
Iron	38000		39		mg/Kg	20		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-1B

Lab Sample ID: HWH0103-01
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/05/13 14:54	09/06/13 16:11	20
Copper	29		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:11	20
Lead	44		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:11	20
Zinc	140		7.8		mg/Kg		09/05/13 14:54	09/06/13 16:11	20
Iron	49000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:11	20

Client Sample ID: WLP-1C

Lab Sample ID: HWH0103-02
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	130		12		mg/Kg		09/05/13 14:54	09/06/13 15:47	20
Copper	25		5.9		mg/Kg		09/05/13 14:54	09/06/13 15:47	20
Lead	25		5.9		mg/Kg		09/05/13 14:54	09/06/13 15:47	20
Zinc	100		7.8		mg/Kg		09/05/13 14:54	09/06/13 15:47	20
Iron	48000	B	39		mg/Kg		09/05/13 14:54	09/06/13 15:47	20

Client Sample ID: WLP-1D

Lab Sample ID: HWH0103-03
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	170		12		mg/Kg		09/05/13 14:54	09/06/13 16:14	20
Copper	27		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:14	20
Lead	29		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:14	20
Zinc	110		7.9		mg/Kg		09/05/13 14:54	09/06/13 16:14	20
Iron	51000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:14	20

Client Sample ID: WLP-1E

Lab Sample ID: HWH0103-04
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	190		12		mg/Kg		09/05/13 14:54	09/06/13 16:18	20
Copper	30		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:18	20
Lead	47		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:18	20
Zinc	140		7.7		mg/Kg		09/05/13 14:54	09/06/13 16:18	20
Iron	50000	B	38		mg/Kg		09/05/13 14:54	09/06/13 16:18	20

Client Sample ID: WLP-2B

Lab Sample ID: HWH0103-05
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		12		mg/Kg		09/05/13 14:54	09/06/13 16:21	20
Copper	25		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:21	20

Client Sample ID: WLP-2B

Lab Sample ID: HWH0103-05
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:21	20
Zinc	94		7.7		mg/Kg		09/05/13 14:54	09/06/13 16:21	20
Iron	49000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:21	20

Client Sample ID: WLP-2C

Lab Sample ID: HWH0103-06
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		12		mg/Kg		09/05/13 14:54	09/06/13 16:24	20
Copper	29		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:24	20
Lead	37		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:24	20
Zinc	110		7.9		mg/Kg		09/05/13 14:54	09/06/13 16:24	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:24	20

Client Sample ID: WLP-2D

Lab Sample ID: HWH0103-07
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	260		12		mg/Kg		09/05/13 14:54	09/06/13 16:28	20
Copper	29		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:28	20
Lead	34		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:28	20
Zinc	97		7.8		mg/Kg		09/05/13 14:54	09/06/13 16:28	20
Iron	51000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:28	20

Client Sample ID: WLP-2E

Lab Sample ID: HWH0103-08
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		12		mg/Kg		09/05/13 14:54	09/06/13 16:32	20
Copper	27		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:32	20
Lead	28		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:32	20
Zinc	97		7.9		mg/Kg		09/05/13 14:54	09/06/13 16:32	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:32	20

Client Sample ID: WLP-3B

Lab Sample ID: HWH0103-09
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/05/13 14:54	09/06/13 16:35	20
Copper	35		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:35	20
Lead	94		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:35	20
Zinc	150		7.8		mg/Kg		09/05/13 14:54	09/06/13 16:35	20

Client Sample ID: WLP-3B

Lab Sample ID: HWH0103-09

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:35	20

Client Sample ID: WLP-3C

Lab Sample ID: HWH0103-10

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		12		mg/Kg		09/05/13 14:54	09/06/13 16:39	20
Copper	33		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:39	20
Lead	60		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:39	20
Zinc	150		7.8		mg/Kg		09/05/13 14:54	09/06/13 16:39	20
Iron	49000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:39	20

Client Sample ID: WLP-3D

Lab Sample ID: HWH0103-11

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	280		12		mg/Kg		09/05/13 14:54	09/06/13 16:42	20
Copper	33		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:42	20
Lead	52		5.9		mg/Kg		09/05/13 14:54	09/06/13 16:42	20
Zinc	150		7.8		mg/Kg		09/05/13 14:54	09/06/13 16:42	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:42	20

Client Sample ID: WLP-3E

Lab Sample ID: HWH0103-12

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		11		mg/Kg		09/05/13 14:54	09/06/13 16:55	20
Copper	32		5.7		mg/Kg		09/05/13 14:54	09/06/13 16:55	20
Lead	55		5.7		mg/Kg		09/05/13 14:54	09/06/13 16:55	20
Zinc	150		7.6		mg/Kg		09/05/13 14:54	09/06/13 16:55	20
Iron	51000	B	38		mg/Kg		09/05/13 14:54	09/06/13 16:55	20

Client Sample ID: WLP-4B

Lab Sample ID: HWH0103-13

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	380		12		mg/Kg		09/05/13 14:54	09/06/13 16:59	20
Copper	35		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:59	20
Lead	44		5.8		mg/Kg		09/05/13 14:54	09/06/13 16:59	20
Zinc	120		7.7		mg/Kg		09/05/13 14:54	09/06/13 16:59	20
Iron	48000	B	39		mg/Kg		09/05/13 14:54	09/06/13 16:59	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-4C

Lab Sample ID: HWH0103-14
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	410		12		mg/Kg		09/05/13 14:54	09/06/13 17:03	20
Copper	33		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:03	20
Lead	38		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:03	20
Zinc	120		7.9		mg/Kg		09/05/13 14:54	09/06/13 17:03	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:03	20

Client Sample ID: WLP-4D

Lab Sample ID: HWH0103-15
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		11		mg/Kg		09/05/13 14:54	09/06/13 17:06	20
Copper	32		5.7		mg/Kg		09/05/13 14:54	09/06/13 17:06	20
Lead	37		5.7		mg/Kg		09/05/13 14:54	09/06/13 17:06	20
Zinc	120		7.6		mg/Kg		09/05/13 14:54	09/06/13 17:06	20
Iron	49000	B	38		mg/Kg		09/05/13 14:54	09/06/13 17:06	20

Client Sample ID: WLP-4E

Lab Sample ID: HWH0103-16
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	430		12		mg/Kg		09/05/13 14:54	09/06/13 17:09	20
Copper	33		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:09	20
Lead	39		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:09	20
Zinc	110		7.9		mg/Kg		09/05/13 14:54	09/06/13 17:09	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:09	20

Client Sample ID: WLP-5B

Lab Sample ID: HWH0103-17
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	340		12		mg/Kg		09/05/13 14:54	09/06/13 17:13	20
Copper	34		5.8		mg/Kg		09/05/13 14:54	09/06/13 17:13	20
Lead	48		5.8		mg/Kg		09/05/13 14:54	09/06/13 17:13	20
Zinc	130		7.8		mg/Kg		09/05/13 14:54	09/06/13 17:13	20
Iron	50000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:13	20

Client Sample ID: WLP-5C

Lab Sample ID: HWH0103-18
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		12		mg/Kg		09/05/13 14:54	09/06/13 17:16	20
Copper	34		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:16	20

Client Sample ID: WLP-5C — Lab Sample ID: HWH0103-18

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	46		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:16	20
Zinc	130		7.9		mg/Kg		09/05/13 14:54	09/06/13 17:16	20
Iron	49000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:16	20

Client Sample ID: WLP-5D — Lab Sample ID: HWH0103-19

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		12		mg/Kg		09/05/13 14:54	09/06/13 17:19	20
Copper	34		5.8		mg/Kg		09/05/13 14:54	09/06/13 17:19	20
Lead	44		5.8		mg/Kg		09/05/13 14:54	09/06/13 17:19	20
Zinc	130		7.8		mg/Kg		09/05/13 14:54	09/06/13 17:19	20
Iron	48000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:19	20

Client Sample ID: WLP-5E — Lab Sample ID: HWH0103-20

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	310		12		mg/Kg		09/05/13 14:54	09/06/13 17:23	20
Copper	34		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:23	20
Lead	45		5.9		mg/Kg		09/05/13 14:54	09/06/13 17:23	20
Zinc	130		7.9		mg/Kg		09/05/13 14:54	09/06/13 17:23	20
Iron	47000	B	39		mg/Kg		09/05/13 14:54	09/06/13 17:23	20

Client Sample ID: WLP-6B — Lab Sample ID: HWH0103-21

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/06/13 14:47	09/10/13 09:38	20
Copper	28		5.9		mg/Kg		09/06/13 14:47	09/10/13 09:38	20
Lead	42		5.9		mg/Kg		09/06/13 14:47	09/10/13 09:38	20
Zinc	110		7.9		mg/Kg		09/06/13 14:47	09/10/13 09:38	20
Iron	47000		39		mg/Kg		09/06/13 14:47	09/10/13 09:38	20

Client Sample ID: WLP-6C — Lab Sample ID: HWH0103-22

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/06/13 14:47	09/10/13 10:00	20
Copper	30		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:00	20
Lead	45		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:00	20
Zinc	120		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:00	20

Client Sample ID: WLP-6C

Lab Sample ID: HWH0103-22
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	51000		39		mg/Kg		09/06/13 14:47	09/10/13 10:00	20

Client Sample ID: WLP-6D

Lab Sample ID: HWH0103-23
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		11		mg/Kg		09/06/13 14:47	09/10/13 10:04	20
Copper	31		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:04	20
Lead	48		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:04	20
Zinc	120		7.7		mg/Kg		09/06/13 14:47	09/10/13 10:04	20
Iron	55000		38		mg/Kg		09/06/13 14:47	09/10/13 10:04	20

Client Sample ID: WLP-6E

Lab Sample ID: HWH0103-24
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/06/13 14:47	09/10/13 10:07	20
Copper	31		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:07	20
Lead	46		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:07	20
Zinc	120		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:07	20
Iron	53000		39		mg/Kg		09/06/13 14:47	09/10/13 10:07	20

Client Sample ID: WLP-7B

Lab Sample ID: HWH0103-25
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	84		11		mg/Kg		09/06/13 14:47	09/10/13 10:10	20
Copper	28		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:10	20
Lead	59		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:10	20
Zinc	120		7.6		mg/Kg		09/06/13 14:47	09/10/13 10:10	20
Iron	49000		38		mg/Kg		09/06/13 14:47	09/10/13 10:10	20

Client Sample ID: WLP-7C

Lab Sample ID: HWH0103-26
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	130		12		mg/Kg		09/06/13 14:47	09/10/13 10:14	20
Copper	30		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:14	20
Lead	89		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:14	20
Zinc	160		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:14	20
Iron	47000		39		mg/Kg		09/06/13 14:47	09/10/13 10:14	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-7D

Lab Sample ID: HWH0103-27
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/06/13 14:47	09/10/13 10:17	20
Copper	35		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:17	20
Lead	290		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:17	20
Zinc	380		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:17	20
Iron	48000		39		mg/Kg		09/06/13 14:47	09/10/13 10:17	20

Client Sample ID: WLP-7E

Lab Sample ID: HWH0103-28
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	94		12		mg/Kg		09/06/13 14:47	09/10/13 10:20	20
Copper	30		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:20	20
Lead	140		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:20	20
Zinc	210		7.9		mg/Kg		09/06/13 14:47	09/10/13 10:20	20
Iron	53000		39		mg/Kg		09/06/13 14:47	09/10/13 10:20	20

Client Sample ID: WLP-8B

Lab Sample ID: HWH0103-29
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	190		12		mg/Kg		09/06/13 14:47	09/10/13 10:24	20
Copper	23		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:24	20
Lead	27		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:24	20
Zinc	93		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:24	20
Iron	53000		39		mg/Kg		09/06/13 14:47	09/10/13 10:24	20

Client Sample ID: WLP-8C

Lab Sample ID: HWH0103-30
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		12		mg/Kg		09/06/13 14:47	09/10/13 10:27	20
Copper	25		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:27	20
Lead	24		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:27	20
Zinc	93		7.7		mg/Kg		09/06/13 14:47	09/10/13 10:27	20
Iron	55000		38		mg/Kg		09/06/13 14:47	09/10/13 10:27	20

Client Sample ID: WLP-8D

Lab Sample ID: HWH0103-31
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	270		12		mg/Kg		09/06/13 14:47	09/10/13 10:36	20
Copper	26		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:36	20

Client Sample ID: WLP-8D

Lab Sample ID: HWH0103-31

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	25		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:36	20
Zinc	91		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:36	20
Iron	52000		39		mg/Kg		09/06/13 14:47	09/10/13 10:36	20

Client Sample ID: WLP-8E

Lab Sample ID: HWH0103-32

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		12		mg/Kg		09/06/13 14:47	09/10/13 10:39	20
Copper	24		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:39	20
Lead	27		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:39	20
Zinc	90		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:39	20
Iron	48000		39		mg/Kg		09/06/13 14:47	09/10/13 10:39	20

Client Sample ID: WLP-9B

Lab Sample ID: HWH0103-33

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		11		mg/Kg		09/06/13 14:47	09/10/13 10:43	20
Copper	33		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:43	20
Lead	43		5.7		mg/Kg		09/06/13 14:47	09/10/13 10:43	20
Zinc	100		7.6		mg/Kg		09/06/13 14:47	09/10/13 10:43	20
Iron	44000		38		mg/Kg		09/06/13 14:47	09/10/13 10:43	20

Client Sample ID: WLP-9C

Lab Sample ID: HWH0103-34

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/06/13 14:47	09/10/13 10:46	20
Copper	39		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:46	20
Lead	36		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:46	20
Zinc	87		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:46	20
Iron	37000		39		mg/Kg		09/06/13 14:47	09/10/13 10:46	20

Client Sample ID: WLP-9D

Lab Sample ID: HWH0103-35

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/06/13 14:47	09/10/13 10:49	20
Copper	33		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:49	20
Lead	37		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:49	20
Zinc	100		7.7		mg/Kg		09/06/13 14:47	09/10/13 10:49	20

Client Sample ID: WLP-9D

Lab Sample ID: HWH0103-35
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	46000		39		mg/Kg		09/06/13 14:47	09/10/13 10:49	20

Client Sample ID: WLP-9E

Lab Sample ID: HWH0103-36
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/06/13 14:47	09/10/13 10:53	20
Copper	36		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:53	20
Lead	32		5.9		mg/Kg		09/06/13 14:47	09/10/13 10:53	20
Zinc	80		7.8		mg/Kg		09/06/13 14:47	09/10/13 10:53	20
Iron	32000		39		mg/Kg		09/06/13 14:47	09/10/13 10:53	20

Client Sample ID: WLP-10B

Lab Sample ID: HWH0103-37
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	340		12		mg/Kg		09/06/13 14:47	09/10/13 10:56	20
Copper	30		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:56	20
Lead	39		5.8		mg/Kg		09/06/13 14:47	09/10/13 10:56	20
Zinc	100		7.7		mg/Kg		09/06/13 14:47	09/10/13 10:56	20
Iron	47000		38		mg/Kg		09/06/13 14:47	09/10/13 10:56	20

Client Sample ID: WLP-10C

Lab Sample ID: HWH0103-38
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		11		mg/Kg		09/06/13 14:47	09/10/13 10:59	20
Copper	34		5.6		mg/Kg		09/06/13 14:47	09/10/13 10:59	20
Lead	40		5.6		mg/Kg		09/06/13 14:47	09/10/13 10:59	20
Zinc	110		7.4		mg/Kg		09/06/13 14:47	09/10/13 10:59	20
Iron	54000		37		mg/Kg		09/06/13 14:47	09/10/13 10:59	20

Client Sample ID: WLP-10D

Lab Sample ID: HWH0103-39
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	270		12		mg/Kg		09/06/13 14:47	09/10/13 11:03	20
Copper	38		5.8		mg/Kg		09/06/13 14:47	09/10/13 11:03	20
Lead	47		5.8		mg/Kg		09/06/13 14:47	09/10/13 11:03	20
Zinc	180		7.7		mg/Kg		09/06/13 14:47	09/10/13 11:03	20
Iron	59000		39		mg/Kg		09/06/13 14:47	09/10/13 11:03	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-10E

Lab Sample ID: HWH0103-40
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		12		mg/Kg		09/06/13 14:47	09/10/13 11:06	20
Copper	32		5.8		mg/Kg		09/06/13 14:47	09/10/13 11:06	20
Lead	44		5.8		mg/Kg		09/06/13 14:47	09/10/13 11:06	20
Zinc	110		7.7		mg/Kg		09/06/13 14:47	09/10/13 11:06	20
Iron	50000		38		mg/Kg		09/06/13 14:47	09/10/13 11:06	20

Client Sample ID: WLP-11B

Lab Sample ID: HWH0103-41
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		12		mg/Kg		09/10/13 16:25	09/11/13 12:16	20
Copper	29		5.9		mg/Kg		09/10/13 16:25	09/11/13 12:16	20
Lead	40		5.9		mg/Kg		09/10/13 16:25	09/11/13 12:16	20
Zinc	100		7.8		mg/Kg		09/10/13 16:25	09/11/13 12:16	20
Iron	43000	B	39		mg/Kg		09/10/13 16:25	09/11/13 12:16	20

Client Sample ID: WLP-11C

Lab Sample ID: HWH0103-42
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	460		12		mg/Kg		09/10/13 16:25	09/11/13 12:42	20
Copper	31		6.0		mg/Kg		09/10/13 16:25	09/11/13 12:42	20
Lead	41		6.0		mg/Kg		09/10/13 16:25	09/11/13 12:42	20
Zinc	100		8.0		mg/Kg		09/10/13 16:25	09/11/13 12:42	20
Iron	46000	B	40		mg/Kg		09/10/13 16:25	09/11/13 12:42	20

Client Sample ID: WLP-11D

Lab Sample ID: HWH0103-43
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		12		mg/Kg		09/10/13 16:25	09/11/13 12:45	20
Copper	31		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:45	20
Lead	46		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:45	20
Zinc	120		7.7		mg/Kg		09/10/13 16:25	09/11/13 12:45	20
Iron	46000	B	39		mg/Kg		09/10/13 16:25	09/11/13 12:45	20

Client Sample ID: WLP-11E

Lab Sample ID: HWH0103-44
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		12		mg/Kg		09/10/13 16:25	09/11/13 12:48	20
Copper	32		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:48	20

Client Sample ID: WLP-11E — Lab Sample ID: HWH0103-44

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	46		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:48	20
Zinc	120		7.8		mg/Kg		09/10/13 16:25	09/11/13 12:48	20
Iron	48000	B	39		mg/Kg		09/10/13 16:25	09/11/13 12:48	20

Client Sample ID: WLP-12B — Lab Sample ID: HWH0103-45

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	340		12		mg/Kg		09/10/13 16:25	09/11/13 12:52	20
Copper	31		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:52	20
Lead	43		5.8		mg/Kg		09/10/13 16:25	09/11/13 12:52	20
Zinc	110		7.8		mg/Kg		09/10/13 16:25	09/11/13 12:52	20
Iron	41000	B	39		mg/Kg		09/10/13 16:25	09/11/13 12:52	20

Client Sample ID: WLP-12C — Lab Sample ID: HWH0103-46

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		11		mg/Kg		09/10/13 16:25	09/11/13 12:55	20
Copper	33		5.7		mg/Kg		09/10/13 16:25	09/11/13 12:55	20
Lead	46		5.7		mg/Kg		09/10/13 16:25	09/11/13 12:55	20
Zinc	120		7.7		mg/Kg		09/10/13 16:25	09/11/13 12:55	20
Iron	45000	B	38		mg/Kg		09/10/13 16:25	09/11/13 12:55	20

Client Sample ID: WLP-12D — Lab Sample ID: HWH0103-47

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	370		11		mg/Kg		09/10/13 16:25	09/11/13 12:58	20
Copper	32		5.7		mg/Kg		09/10/13 16:25	09/11/13 12:58	20
Lead	46		5.7		mg/Kg		09/10/13 16:25	09/11/13 12:58	20
Zinc	120		7.6		mg/Kg		09/10/13 16:25	09/11/13 12:58	20
Iron	46000	B	38		mg/Kg		09/10/13 16:25	09/11/13 12:58	20

Client Sample ID: WLP-12E — Lab Sample ID: HWH0103-48

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	380		12		mg/Kg		09/10/13 16:25	09/11/13 13:02	20
Copper	32		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:02	20
Lead	40		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:02	20
Zinc	120		7.7		mg/Kg		09/10/13 16:25	09/11/13 13:02	20

Client Sample ID: WLP-12E

Lab Sample ID: HWH0103-48
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	47000	B	38		mg/Kg		09/10/13 16:25	09/11/13 13:02	20

Client Sample ID: WLP-13B

Lab Sample ID: HWH0103-49
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	330		11		mg/Kg		09/10/13 16:25	09/11/13 13:05	20
Copper	34		5.7		mg/Kg		09/10/13 16:25	09/11/13 13:05	20
Lead	52		5.7		mg/Kg		09/10/13 16:25	09/11/13 13:05	20
Zinc	150		7.6		mg/Kg		09/10/13 16:25	09/11/13 13:05	20
Iron	46000	B	38		mg/Kg		09/10/13 16:25	09/11/13 13:05	20

Client Sample ID: WLP-13C

Lab Sample ID: HWH0103-50
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	310		12		mg/Kg		09/10/13 16:25	09/11/13 13:08	20
Copper	34		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:08	20
Lead	52		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:08	20
Zinc	150		7.7		mg/Kg		09/10/13 16:25	09/11/13 13:08	20
Iron	47000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:08	20

Client Sample ID: WLP-13D

Lab Sample ID: HWH0103-51
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/10/13 16:25	09/11/13 13:12	20
Copper	34		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:12	20
Lead	54		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:12	20
Zinc	150		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:12	20
Iron	49000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:12	20

Client Sample ID: WLP-13E

Lab Sample ID: HWH0103-52
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	270		12		mg/Kg		09/10/13 16:25	09/11/13 13:21	20
Copper	31		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:21	20
Lead	51		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:21	20
Zinc	130		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:21	20
Iron	43000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:21	20

Client Sample ID: WLP-14B

Lab Sample ID: HWH0103-53

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	400		12		mg/Kg		09/10/13 16:25	09/11/13 13:25	20
Copper	32		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:25	20
Lead	50		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:25	20
Zinc	150		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:25	20
Iron	44000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:25	20

Client Sample ID: WLP-14C

Lab Sample ID: HWH0103-54

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	270		12		mg/Kg		09/10/13 16:25	09/11/13 13:28	20
Copper	34		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:28	20
Lead	54		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:28	20
Zinc	140		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:28	20
Iron	47000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:28	20

Client Sample ID: WLP-14D

Lab Sample ID: HWH0103-55

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	310		11		mg/Kg		09/10/13 16:25	09/11/13 13:31	20
Copper	35		5.7		mg/Kg		09/10/13 16:25	09/11/13 13:31	20
Lead	53		5.7		mg/Kg		09/10/13 16:25	09/11/13 13:31	20
Zinc	140		7.6		mg/Kg		09/10/13 16:25	09/11/13 13:31	20
Iron	46000	B	38		mg/Kg		09/10/13 16:25	09/11/13 13:31	20

Client Sample ID: WLP-14E

Lab Sample ID: HWH0103-56

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	350		12		mg/Kg		09/10/13 16:25	09/11/13 13:35	20
Copper	32		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:35	20
Lead	46		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:35	20
Zinc	130		7.7		mg/Kg		09/10/13 16:25	09/11/13 13:35	20
Iron	45000	B	38		mg/Kg		09/10/13 16:25	09/11/13 13:35	20

Client Sample ID: WLP-15B

Lab Sample ID: HWH0103-57

Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	240		12		mg/Kg		09/10/13 16:25	09/11/13 13:38	20
Copper	33		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:38	20

Client Sample ID: WLP-15B — Lab Sample ID: HWH0103-57

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	46		5.8		mg/Kg		09/10/13 16:25	09/11/13 13:38	20
Zinc	120		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:38	20
Iron	50000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:38	20

Client Sample ID: WLP-15C — Lab Sample ID: HWH0103-58

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		11		mg/Kg		09/10/13 16:25	09/11/13 13:41	20
Copper	31		5.5		mg/Kg		09/10/13 16:25	09/11/13 13:41	20
Lead	40		5.5		mg/Kg		09/10/13 16:25	09/11/13 13:41	20
Zinc	110		7.4		mg/Kg		09/10/13 16:25	09/11/13 13:41	20
Iron	46000	B	37		mg/Kg		09/10/13 16:25	09/11/13 13:41	20

Client Sample ID: WLP-15D — Lab Sample ID: HWH0103-59

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	260		12		mg/Kg		09/10/13 16:25	09/11/13 13:45	20
Copper	35		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:45	20
Lead	49		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:45	20
Zinc	120		7.9		mg/Kg		09/10/13 16:25	09/11/13 13:45	20
Iron	52000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:45	20

Client Sample ID: WLP-15E — Lab Sample ID: HWH0103-60

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	290		12		mg/Kg		09/10/13 16:25	09/11/13 13:48	20
Copper	33		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:48	20
Lead	42		5.9		mg/Kg		09/10/13 16:25	09/11/13 13:48	20
Zinc	110		7.8		mg/Kg		09/10/13 16:25	09/11/13 13:48	20
Iron	49000	B	39		mg/Kg		09/10/13 16:25	09/11/13 13:48	20

Client Sample ID: WLP-16B — Lab Sample ID: HWH0103-61

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/12/13 11:54	09/12/13 17:43	20
Copper	37		5.9		mg/Kg		09/12/13 11:54	09/12/13 17:43	20
Lead	36		5.9		mg/Kg		09/12/13 11:54	09/12/13 17:43	20
Zinc	120		7.8		mg/Kg		09/12/13 11:54	09/12/13 17:43	20

Client Sample ID: WLP-16B

Lab Sample ID: HWH0103-61
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	46000		39		mg/Kg		09/12/13 11:54	09/12/13 17:43	20

Client Sample ID: WLP-16C

Lab Sample ID: HWH0103-62
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	220		12		mg/Kg		09/12/13 11:54	09/12/13 18:10	20
Copper	40		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:10	20
Lead	37		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:10	20
Zinc	110		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:10	20
Iron	46000		39		mg/Kg		09/12/13 11:54	09/12/13 18:10	20

Client Sample ID: WLP-16D

Lab Sample ID: HWH0103-63
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	320		12		mg/Kg		09/12/13 11:54	09/12/13 18:13	20
Copper	32		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:13	20
Lead	35		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:13	20
Zinc	110		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:13	20
Iron	46000		39		mg/Kg		09/12/13 11:54	09/12/13 18:13	20

Client Sample ID: WLP-16E

Lab Sample ID: HWH0103-64
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	210		12		mg/Kg		09/12/13 11:54	09/12/13 18:17	20
Copper	31		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:17	20
Lead	33		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:17	20
Zinc	110		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:17	20
Iron	48000		39		mg/Kg		09/12/13 11:54	09/12/13 18:17	20

Client Sample ID: WLP-17B

Lab Sample ID: HWH0103-65
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/12/13 11:54	09/12/13 18:20	20
Copper	33		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:20	20
Lead	46		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:20	20
Zinc	150		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:20	20
Iron	40000		39		mg/Kg		09/12/13 11:54	09/12/13 18:20	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-17C

Lab Sample ID: HWH0103-66
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		12		mg/Kg		09/12/13 11:54	09/12/13 18:24	20
Copper	29		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:24	20
Lead	39		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:24	20
Zinc	120		7.9		mg/Kg		09/12/13 11:54	09/12/13 18:24	20
Iron	41000		39		mg/Kg		09/12/13 11:54	09/12/13 18:24	20

Client Sample ID: WLP-17D

Lab Sample ID: HWH0103-67
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	100		12		mg/Kg		09/12/13 11:54	09/12/13 18:27	20
Copper	29		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:27	20
Lead	30		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:27	20
Zinc	110		7.9		mg/Kg		09/12/13 11:54	09/12/13 18:27	20
Iron	47000		39		mg/Kg		09/12/13 11:54	09/12/13 18:27	20

Client Sample ID: WLP-17E

Lab Sample ID: HWH0103-68
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	190		11		mg/Kg		09/12/13 11:54	09/12/13 18:30	20
Copper	33		5.7		mg/Kg		09/12/13 11:54	09/12/13 18:30	20
Lead	49		5.7		mg/Kg		09/12/13 11:54	09/12/13 18:30	20
Zinc	140		7.6		mg/Kg		09/12/13 11:54	09/12/13 18:30	20
Iron	50000		38		mg/Kg		09/12/13 11:54	09/12/13 18:30	20

Client Sample ID: WLP-18B

Lab Sample ID: HWH0103-69
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/12/13 11:54	09/12/13 18:34	20
Copper	34		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:34	20
Lead	53		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:34	20
Zinc	130		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:34	20
Iron	47000		39		mg/Kg		09/12/13 11:54	09/12/13 18:34	20

Client Sample ID: WLP-18C

Lab Sample ID: HWH0103-70
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	160		12		mg/Kg		09/12/13 11:54	09/12/13 18:37	20
Copper	31		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:37	20

Client Sample ID: WLP-18C

Lab Sample ID: HWH0103-70

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	55		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:37	20
Zinc	130		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:37	20
Iron	48000		39		mg/Kg		09/12/13 11:54	09/12/13 18:37	20

Client Sample ID: WLP-18D

Lab Sample ID: HWH0103-71

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		11		mg/Kg		09/12/13 11:54	09/12/13 18:46	20
Copper	34		5.6		mg/Kg		09/12/13 11:54	09/12/13 18:46	20
Lead	61		5.6		mg/Kg		09/12/13 11:54	09/12/13 18:46	20
Zinc	130		7.5		mg/Kg		09/12/13 11:54	09/12/13 18:46	20
Iron	49000		37		mg/Kg		09/12/13 11:54	09/12/13 18:46	20

Client Sample ID: WLP-18E

Lab Sample ID: HWH0103-72

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	170		12		mg/Kg		09/12/13 11:54	09/12/13 18:49	20
Copper	35		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:49	20
Lead	72		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:49	20
Zinc	140		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:49	20
Iron	50000		39		mg/Kg		09/12/13 11:54	09/12/13 18:49	20

Client Sample ID: WLP-19B

Lab Sample ID: HWH0103-73

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	130		12		mg/Kg		09/12/13 11:54	09/12/13 18:53	20
Copper	45		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:53	20
Lead	80		5.8		mg/Kg		09/12/13 11:54	09/12/13 18:53	20
Zinc	190		7.7		mg/Kg		09/12/13 11:54	09/12/13 18:53	20
Iron	51000		39		mg/Kg		09/12/13 11:54	09/12/13 18:53	20

Client Sample ID: WLP-19C

Lab Sample ID: HWH0103-74

Date Collected: 08/22/13 14:30

Matrix: Solid/Soil

Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		12		mg/Kg		09/12/13 11:54	09/12/13 18:56	20
Copper	46		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:56	20
Lead	85		5.9		mg/Kg		09/12/13 11:54	09/12/13 18:56	20
Zinc	190		7.8		mg/Kg		09/12/13 11:54	09/12/13 18:56	20

Client Sample ID: WLP-19C

Lab Sample ID: HWH0103-74
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	50000		39		mg/Kg		09/12/13 11:54	09/12/13 18:56	20

Client Sample ID: WLP-19D

Lab Sample ID: HWH0103-75
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	110		12		mg/Kg		09/12/13 11:54	09/12/13 19:00	20
Copper	44		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:00	20
Lead	74		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:00	20
Zinc	180		7.8		mg/Kg		09/12/13 11:54	09/12/13 19:00	20
Iron	49000		39		mg/Kg		09/12/13 11:54	09/12/13 19:00	20

Client Sample ID: WLP-19E

Lab Sample ID: HWH0103-76
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	110		12		mg/Kg		09/12/13 11:54	09/12/13 19:03	20
Copper	47		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:03	20
Lead	90		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:03	20
Zinc	180		7.7		mg/Kg		09/12/13 11:54	09/12/13 19:03	20
Iron	50000		39		mg/Kg		09/12/13 11:54	09/12/13 19:03	20

Client Sample ID: WLP-20B

Lab Sample ID: HWH0103-77
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/12/13 11:54	09/12/13 19:07	20
Copper	46		5.9		mg/Kg		09/12/13 11:54	09/12/13 19:07	20
Lead	100		5.9		mg/Kg		09/12/13 11:54	09/12/13 19:07	20
Zinc	190		7.8		mg/Kg		09/12/13 11:54	09/12/13 19:07	20
Iron	50000		39		mg/Kg		09/12/13 11:54	09/12/13 19:07	20

Client Sample ID: WLP-20C

Lab Sample ID: HWH0103-78
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		11		mg/Kg		09/12/13 11:54	09/12/13 19:11	20
Copper	50		5.7		mg/Kg		09/12/13 11:54	09/12/13 19:11	20
Lead	85		5.7		mg/Kg		09/12/13 11:54	09/12/13 19:11	20
Zinc	200		7.6		mg/Kg		09/12/13 11:54	09/12/13 19:11	20
Iron	54000		38		mg/Kg		09/12/13 11:54	09/12/13 19:11	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-20D

Lab Sample ID: HWH0103-79
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		12		mg/Kg		09/12/13 11:54	09/12/13 19:15	20
Copper	45		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:15	20
Lead	110		5.8		mg/Kg		09/12/13 11:54	09/12/13 19:15	20
Zinc	200		7.7		mg/Kg		09/12/13 11:54	09/12/13 19:15	20
Iron	51000		39		mg/Kg		09/12/13 11:54	09/12/13 19:15	20

Client Sample ID: WLP-20E

Lab Sample ID: HWH0103-80
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	150		12		mg/Kg		09/12/13 11:54	09/12/13 19:19	20
Copper	41		5.9		mg/Kg		09/12/13 11:54	09/12/13 19:19	20
Lead	78		5.9		mg/Kg		09/12/13 11:54	09/12/13 19:19	20
Zinc	180		7.8		mg/Kg		09/12/13 11:54	09/12/13 19:19	20
Iron	48000		39		mg/Kg		09/12/13 11:54	09/12/13 19:19	20

Client Sample ID: WLP-21B

Lab Sample ID: HWH0103-81
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/16/13 16:25	09/17/13 12:21	20
Copper	43		5.9		mg/Kg		09/16/13 16:25	09/17/13 12:21	20
Lead	76		5.9		mg/Kg		09/16/13 16:25	09/17/13 12:21	20
Zinc	170		7.9		mg/Kg		09/16/13 16:25	09/17/13 12:21	20
Iron	43000		40		mg/Kg		09/16/13 16:25	09/17/13 12:21	20

Client Sample ID: WLP-21C

Lab Sample ID: HWH0103-82
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	260		12		mg/Kg		09/16/13 16:25	09/17/13 12:43	20
Copper	47		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:43	20
Lead	81		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:43	20
Zinc	180		7.7		mg/Kg		09/16/13 16:25	09/17/13 12:43	20
Iron	45000		38		mg/Kg		09/16/13 16:25	09/17/13 12:43	20

Client Sample ID: WLP-21D

Lab Sample ID: HWH0103-83
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	270		12		mg/Kg		09/16/13 16:25	09/17/13 12:46	20
Copper	47		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:46	20

Client Sample ID: WLP-21D — Lab Sample ID: HWH0103-83

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	82		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:46	20
Zinc	190		7.8		mg/Kg		09/16/13 16:25	09/17/13 12:46	20
Iron	47000		39		mg/Kg		09/16/13 16:25	09/17/13 12:46	20

Client Sample ID: WLP-21E — Lab Sample ID: HWH0103-84

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	240		12		mg/Kg		09/16/13 16:25	09/17/13 12:50	20
Copper	44		5.9		mg/Kg		09/16/13 16:25	09/17/13 12:50	20
Lead	80		5.9		mg/Kg		09/16/13 16:25	09/17/13 12:50	20
Zinc	180		7.8		mg/Kg		09/16/13 16:25	09/17/13 12:50	20
Iron	45000		39		mg/Kg		09/16/13 16:25	09/17/13 12:50	20

Client Sample ID: WLP-22B — Lab Sample ID: HWH0103-85

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		12		mg/Kg		09/16/13 16:25	09/17/13 12:53	20
Copper	48		6.0		mg/Kg		09/16/13 16:25	09/17/13 12:53	20
Lead	100		6.0		mg/Kg		09/16/13 16:25	09/17/13 12:53	20
Zinc	190		8.0		mg/Kg		09/16/13 16:25	09/17/13 12:53	20
Iron	42000		40		mg/Kg		09/16/13 16:25	09/17/13 12:53	20

Client Sample ID: WLP-22C — Lab Sample ID: HWH0103-86

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		12		mg/Kg		09/16/13 16:25	09/17/13 12:56	20
Copper	46		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:56	20
Lead	83		5.8		mg/Kg		09/16/13 16:25	09/17/13 12:56	20
Zinc	190		7.8		mg/Kg		09/16/13 16:25	09/17/13 12:56	20
Iron	44000		39		mg/Kg		09/16/13 16:25	09/17/13 12:56	20

Client Sample ID: WLP-22D — Lab Sample ID: HWH0103-87

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		12		mg/Kg		09/16/13 16:25	09/17/13 13:00	20
Copper	42		5.9		mg/Kg		09/16/13 16:25	09/17/13 13:00	20
Lead	86		5.9		mg/Kg		09/16/13 16:25	09/17/13 13:00	20
Zinc	190		7.8		mg/Kg		09/16/13 16:25	09/17/13 13:00	20

Client Sample ID: WLP-22D — Lab Sample ID: HWH0103-87

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	43000		39		mg/Kg		09/16/13 16:25	09/17/13 13:00	20

Client Sample ID: WLP-22E — Lab Sample ID: HWH0103-88

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		12		mg/Kg		09/16/13 16:25	09/17/13 13:03	20
Copper	47		5.8		mg/Kg		09/16/13 16:25	09/17/13 13:03	20
Lead	94		5.8		mg/Kg		09/16/13 16:25	09/17/13 13:03	20
Zinc	220		7.8		mg/Kg		09/16/13 16:25	09/17/13 13:03	20
Iron	45000		39		mg/Kg		09/16/13 16:25	09/17/13 13:03	20

Client Sample ID: WLP-23B — Lab Sample ID: HWH0103-89

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		12		mg/Kg		09/16/13 16:26	09/17/13 13:06	20
Copper	32		5.9		mg/Kg		09/16/13 16:26	09/17/13 13:06	20
Lead	47		5.9		mg/Kg		09/16/13 16:26	09/17/13 13:06	20
Zinc	130		7.9		mg/Kg		09/16/13 16:26	09/17/13 13:06	20
Iron	45000		40		mg/Kg		09/16/13 16:26	09/17/13 13:06	20

Client Sample ID: WLP-23C — Lab Sample ID: HWH0103-90

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/16/13 16:26	09/17/13 13:10	20
Copper	32		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:10	20
Lead	53		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:10	20
Zinc	150		7.7		mg/Kg		09/16/13 16:26	09/17/13 13:10	20
Iron	46000		38		mg/Kg		09/16/13 16:26	09/17/13 13:10	20

Client Sample ID: WLP-23D — Lab Sample ID: HWH0103-91

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		12		mg/Kg		09/16/13 16:26	09/17/13 13:19	20
Copper	32		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:19	20
Lead	49		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:19	20
Zinc	140		7.8		mg/Kg		09/16/13 16:26	09/17/13 13:19	20
Iron	45000		39		mg/Kg		09/16/13 16:26	09/17/13 13:19	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-23E

Lab Sample ID: HWH0103-92
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		12		mg/Kg		09/16/13 16:26	09/17/13 13:22	20
Copper	31		5.9		mg/Kg		09/16/13 16:26	09/17/13 13:22	20
Lead	49		5.9		mg/Kg		09/16/13 16:26	09/17/13 13:22	20
Zinc	140		7.8		mg/Kg		09/16/13 16:26	09/17/13 13:22	20
Iron	43000		39		mg/Kg		09/16/13 16:26	09/17/13 13:22	20

Client Sample ID: WLP-24B

Lab Sample ID: HWH0103-93
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	190		11		mg/Kg		09/16/13 16:26	09/17/13 13:25	20
Copper	33		5.7		mg/Kg		09/16/13 16:26	09/17/13 13:25	20
Lead	57		5.7		mg/Kg		09/16/13 16:26	09/17/13 13:25	20
Zinc	140		7.6		mg/Kg		09/16/13 16:26	09/17/13 13:25	20
Iron	47000		38		mg/Kg		09/16/13 16:26	09/17/13 13:25	20

Client Sample ID: WLP-24C

Lab Sample ID: HWH0103-94
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	130		12		mg/Kg		09/16/13 16:26	09/17/13 13:29	20
Copper	30		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:29	20
Lead	40		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:29	20
Zinc	120		7.8		mg/Kg		09/16/13 16:26	09/17/13 13:29	20
Iron	37000		39		mg/Kg		09/16/13 16:26	09/17/13 13:29	20

Client Sample ID: WLP-24D

Lab Sample ID: HWH0103-95
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	170		12		mg/Kg		09/16/13 16:26	09/17/13 13:32	20
Copper	33		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:32	20
Lead	47		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:32	20
Zinc	130		7.7		mg/Kg		09/16/13 16:26	09/17/13 13:32	20
Iron	48000		38		mg/Kg		09/16/13 16:26	09/17/13 13:32	20

Client Sample ID: WLP-24E

Lab Sample ID: HWH0103-96
Date Collected: 08/22/13 14:30
Matrix: Solid/Soil
Date Received: 08/26/13 13:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		12		mg/Kg		09/16/13 16:26	09/17/13 13:35	20
Copper	30		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:35	20

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-24E

Date Collected: 08/22/13 14:30
Date Received: 08/26/13 13:45

Lab Sample ID: HWH0103-96

Matrix: Solid/Soil

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	41		5.8		mg/Kg		09/16/13 16:26	09/17/13 13:35	20
Zinc	120		7.8		mg/Kg		09/16/13 16:26	09/17/13 13:35	20
Iron	38000		39		mg/Kg		09/16/13 16:26	09/17/13 13:35	20

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-144284/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/05/13 14:54	09/06/13 15:34	1
Copper	ND		1.5		mg/Kg		09/05/13 14:54	09/06/13 15:34	1
Lead	ND		1.5		mg/Kg		09/05/13 14:54	09/06/13 15:34	1
Zinc	ND		2.0		mg/Kg		09/05/13 14:54	09/06/13 15:34	1
Iron	139		10		mg/Kg		09/05/13 14:54	09/06/13 15:34	1

Lab Sample ID: LCS 580-144284/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	199		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Lead	50.0	49.5		mg/Kg		99	80 - 120
Zinc	50.0	49.5		mg/Kg		99	80 - 120
Iron	1100	1270		mg/Kg		115	80 - 120

Lab Sample ID: LCSD 580-144284/26-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	197		mg/Kg		98	80 - 120	1	20
Copper	25.0	25.1		mg/Kg		101	80 - 120	1	20
Lead	50.0	48.8		mg/Kg		98	80 - 120	1	20
Zinc	50.0	49.2		mg/Kg		98	80 - 120	1	20
Iron	1100	1200		mg/Kg		109	80 - 120	5	20

Lab Sample ID: 580-39993-2 MS — **Client Sample ID: HWH0103-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	130		37.8	162		mg/Kg		85	80 - 120
Copper	25		4.72	29.2	4	mg/Kg		84	80 - 120
Lead	25		9.44	33.3		mg/Kg		84	80 - 120
Zinc	100		9.44	109	4	mg/Kg		95	80 - 120
Iron	48000	B	208	48000	4	mg/Kg		-20	80 - 120

Lab Sample ID: 580-39993-2 MSD — **Client Sample ID: HWH0103-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	130		38.9	161		mg/Kg		80	80 - 120	1	20
Copper	25		4.86	29.7	4	mg/Kg		92	80 - 120	2	20
Lead	25		9.72	33.8		mg/Kg		86	80 - 120	1	20
Zinc	100		9.72	111	4	mg/Kg		108	80 - 120	1	20
Iron	48000	B	214	48900	4	mg/Kg		406	80 - 120	2	20

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

Lab Sample ID: 580-39993-2 DU — **Client Sample ID: HWH0103-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144462 — **Prep Batch: 144284**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	130		128		mg/Kg		2	20
Copper	25		25.1		mg/Kg		0.4	20
Lead	25		25.1		mg/Kg		1	20
Zinc	100		101		mg/Kg		0.2	20
Iron	48000	B	48700		mg/Kg		1	20

Lab Sample ID: MB 580-144391/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/06/13 14:47	09/10/13 09:26	1
Copper	ND		1.5		mg/Kg		09/06/13 14:47	09/10/13 09:26	1
Lead	ND		1.5		mg/Kg		09/06/13 14:47	09/10/13 09:26	1
Zinc	ND		2.0		mg/Kg		09/06/13 14:47	09/10/13 09:26	1
Iron	ND		10		mg/Kg		09/06/13 14:47	09/10/13 09:26	1

Lab Sample ID: LCS 580-144391/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	200		mg/Kg		100	80 - 120
Copper	25.0	25.4		mg/Kg		102	80 - 120
Lead	50.0	48.8		mg/Kg		98	80 - 120
Zinc	50.0	49.3		mg/Kg		99	80 - 120
Iron	1100	1180		mg/Kg		107	80 - 120

Lab Sample ID: LCSD 580-144391/26-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	200		mg/Kg		100	80 - 120	0	20
Copper	25.0	25.4		mg/Kg		102	80 - 120	0	20
Lead	50.0	48.7		mg/Kg		97	80 - 120	0	20
Zinc	50.0	50.2		mg/Kg		100	80 - 120	2	20
Iron	1100	1200		mg/Kg		109	80 - 120	1	20

Lab Sample ID: 580-39993-21 MS — **Client Sample ID: HWH0103-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	290		38.9	354	4	mg/Kg		166	80 - 120
Copper	28		4.86	36.9	4	mg/Kg		181	80 - 120
Lead	42		9.72	55.4	4	mg/Kg		137	80 - 120
Zinc	110		9.72	131	4	mg/Kg		211	80 - 120
Iron	47000		214	54600	4	mg/Kg		3745	80 - 120

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

Lab Sample ID: 580-39993-21 MSD — **Client Sample ID: HWH0103-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	290		38.2	343	4	mg/Kg		140	80 - 120	3	20
Copper	28		4.77	34.7	4	mg/Kg		140	80 - 120	6	20
Lead	42		9.54	53.4	4	mg/Kg		118	80 - 120	4	20
Zinc	110		9.54	126	4	mg/Kg		160	80 - 120	4	20
Iron	47000		210	51400	4	mg/Kg		2314	80 - 120	6	20

Lab Sample ID: 580-39993-21 DU — **Client Sample ID: HWH0103-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144596 — **Prep Batch: 144391**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	290		290		mg/Kg		0.03	20
Copper	28		28.5		mg/Kg		1	20
Lead	42		42.6		mg/Kg		1	20
Zinc	110		113		mg/Kg		3	20
Iron	47000		50100		mg/Kg		7	20

Lab Sample ID: MB 580-144635/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/10/13 16:25	09/11/13 12:03	1
Copper	ND		1.5		mg/Kg		09/10/13 16:25	09/11/13 12:03	1
Lead	ND		1.5		mg/Kg		09/10/13 16:25	09/11/13 12:03	1
Zinc	ND		2.0		mg/Kg		09/10/13 16:25	09/11/13 12:03	1
Iron	15.4		10		mg/Kg		09/10/13 16:25	09/11/13 12:03	1

Lab Sample ID: LCS 580-144635/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	209		mg/Kg		105	80 - 120
Copper	25.0	26.7		mg/Kg		107	80 - 120
Lead	50.0	50.9		mg/Kg		102	80 - 120
Zinc	50.0	51.6		mg/Kg		103	80 - 120
Iron	1100	1270		mg/Kg		115	80 - 120

Lab Sample ID: LCSD 580-144635/26-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	208		mg/Kg		104	80 - 120	0	20
Copper	25.0	26.8		mg/Kg		107	80 - 120	0	20
Lead	50.0	50.3		mg/Kg		101	80 - 120	1	20
Zinc	50.0	51.4		mg/Kg		103	80 - 120	0	20
Iron	1100	1280		mg/Kg		117	80 - 120	1	20

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

Lab Sample ID: 580-39993-41 MS — **Client Sample ID: HWH0103-41**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	330		38.6	370	4	mg/Kg		100	80 - 120
Copper	29		4.82	33.9	4	mg/Kg		95	80 - 120
Lead	40		9.64	47.5	4	mg/Kg		79	80 - 120
Zinc	100		9.64	111	4	mg/Kg		65	80 - 120
Iron	43000	B	212	46000	4	mg/Kg		1336	80 - 120

Lab Sample ID: 580-39993-41 MSD — **Client Sample ID: HWH0103-41**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	330		38.5	378	4	mg/Kg		122	80 - 120	2	20
Copper	29		4.82	35.3	4	mg/Kg		124	80 - 120	4	20
Lead	40		9.64	49.8	4	mg/Kg		102	80 - 120	5	20
Zinc	100		9.64	117	4	mg/Kg		128	80 - 120	5	20
Iron	43000	B	212	47600	4	mg/Kg		2074	80 - 120	3	20

Lab Sample ID: 580-39993-41 DU — **Client Sample ID: HWH0103-41**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144710 — **Prep Batch: 144635**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	330		337		mg/Kg		2	20
Copper	29		29.1		mg/Kg		0.6	20
Lead	40		40.5		mg/Kg		1	20
Zinc	100		105		mg/Kg		0.2	20
Iron	43000	B	45600		mg/Kg		5	20

Lab Sample ID: MB 580-144800/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		60		mg/Kg		09/12/13 11:54	09/12/13 17:30	20
Copper	ND		30		mg/Kg		09/12/13 11:54	09/12/13 17:30	20
Lead	ND		30		mg/Kg		09/12/13 11:54	09/12/13 17:30	20
Zinc	ND		40		mg/Kg		09/12/13 11:54	09/12/13 17:30	20
Iron	ND		200		mg/Kg		09/12/13 11:54	09/12/13 17:30	20

Lab Sample ID: LCS 580-144800/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	199		mg/Kg		99	80 - 120
Copper	25.0	25.5		mg/Kg		102	80 - 120
Lead	50.0	49.0		mg/Kg		98	80 - 120
Zinc	50.0	49.7		mg/Kg		99	80 - 120
Iron	1100	1190		mg/Kg		109	80 - 120

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

Lab Sample ID: LCSD 580-144800/26-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			200	198		mg/Kg		99	80 - 120	0	20
Copper			25.0	25.3		mg/Kg		101	80 - 120	1	20
Lead			50.0	49.2		mg/Kg		98	80 - 120	1	20
Zinc			50.0	49.9		mg/Kg		100	80 - 120	0	20
Iron			1100	1260		mg/Kg		114	80 - 120	5	20

Lab Sample ID: 580-39993-61 MS — **Client Sample ID: HWH0103-61**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	150		37.0	188	4	mg/Kg		95	80 - 120		
Copper	37		4.62	42.9	4	mg/Kg		129	80 - 120		
Lead	36		9.24	44.8		mg/Kg		95	80 - 120		
Zinc	120		9.24	130	4	mg/Kg		108	80 - 120		
Iron	46000		203	44800	4	mg/Kg		-404	80 - 120		

Lab Sample ID: 580-39993-61 MSD — **Client Sample ID: HWH0103-61**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	150		38.9	184	F	mg/Kg		79	80 - 120	2	20
Copper	37		4.87	42.7	4	mg/Kg		118	80 - 120	1	20
Lead	36		9.73	43.5	F	mg/Kg		76	80 - 120	3	20
Zinc	120		9.73	127	4	mg/Kg		71	80 - 120	2	20
Iron	46000		214	45900	4	mg/Kg		166	80 - 120	3	20

Lab Sample ID: 580-39993-61 DU — **Client Sample ID: HWH0103-61**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 144857 — **Prep Batch: 144800**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	150			157		mg/Kg				3	20
Copper	37			38.7		mg/Kg				5	20
Lead	36			36.0		mg/Kg				0.2	20
Zinc	120			121		mg/Kg				1	20
Iron	46000			47300		mg/Kg				4	20

Lab Sample ID: MB 580-145078/22-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		09/16/13 16:26	09/17/13 12:08	1
Copper	ND		1.5		mg/Kg		09/16/13 16:26	09/17/13 12:08	1
Lead	ND		1.5		mg/Kg		09/16/13 16:26	09/17/13 12:08	1
Zinc	ND		2.0		mg/Kg		09/16/13 16:26	09/17/13 12:08	1
Iron	ND		10		mg/Kg		09/16/13 16:26	09/17/13 12:08	1

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

Lab Sample ID: LCS 580-145078/23-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	199		mg/Kg		99	80 - 120
Copper	25.0	25.4		mg/Kg		101	80 - 120
Lead	50.0	48.7		mg/Kg		97	80 - 120
Zinc	50.0	49.3		mg/Kg		99	80 - 120
Iron	1100	1180		mg/Kg		107	80 - 120

Lab Sample ID: LCSD 580-145078/24-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	200		mg/Kg		100	80 - 120	1	20
Copper	25.0	25.9		mg/Kg		104	80 - 120	2	20
Lead	50.0	49.4		mg/Kg		99	80 - 120	2	20
Zinc	50.0	50.2		mg/Kg		100	80 - 120	2	20
Iron	1100	1200		mg/Kg		109	80 - 120	2	20

Lab Sample ID: 580-39993-81 MS — **Client Sample ID: HWH0103-81**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200		39.4	249	4	mg/Kg		115	80 - 120
Copper	43		4.93	50.0	4	mg/Kg		149	80 - 120
Lead	76		9.86	87.5	4	mg/Kg		116	80 - 120
Zinc	170		9.86	186	4	mg/Kg		155	80 - 120
Iron	43000		217	44600	4	mg/Kg		582	80 - 120

Lab Sample ID: 580-39993-81 MSD — **Client Sample ID: HWH0103-81**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200		39.6	248	4	mg/Kg		112	80 - 120	0	20
Copper	43		4.96	47.8	4	mg/Kg		104	80 - 120	4	20
Lead	76		9.91	85.7	4	mg/Kg		96	80 - 120	2	20
Zinc	170		9.91	180	4	mg/Kg		93	80 - 120	3	20
Iron	43000		218	41800	4	mg/Kg		-707	80 - 120	6	20

Lab Sample ID: 580-39993-81 DU — **Client Sample ID: HWH0103-81**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 145152 — **Prep Batch: 145078**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	200		197		mg/Kg		3	20
Copper	43		43.0		mg/Kg		0.8	20
Lead	76		75.9		mg/Kg		0.3	20
Zinc	170		169		mg/Kg		1	20
Iron	43000		42100		mg/Kg		3	20

Metals

Leach Batch: 143900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-2 DU	HWH0103-02	Total/NA	Solid	Increm, Prep	
580-39993-2 MS	HWH0103-02	Total/NA	Solid	Increm, Prep	
580-39993-2 MSD	HWH0103-02	Total/NA	Solid	Increm, Prep	
580-39993-21 DU	HWH0103-21	Total/NA	Solid	Increm, Prep	
580-39993-21 MS	HWH0103-21	Total/NA	Solid	Increm, Prep	
580-39993-21 MSD	HWH0103-21	Total/NA	Solid	Increm, Prep	
HWH0103-01	WLP-1B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-02	WLP-1C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-03	WLP-1D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-04	WLP-1E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-05	WLP-2B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-06	WLP-2C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-07	WLP-2D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-08	WLP-2E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-09	WLP-3B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-10	WLP-3C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-11	WLP-3D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-12	WLP-3E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-13	WLP-4B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-14	WLP-4C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-15	WLP-4D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-16	WLP-4E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-17	WLP-5B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-18	WLP-5C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-19	WLP-5D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-20	WLP-5E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-21	WLP-6B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-22	WLP-6C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-23	WLP-6D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-24	WLP-6E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-25	WLP-7B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-26	WLP-7C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-27	WLP-7D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-28	WLP-7E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-29	WLP-8B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-30	WLP-8C	Total/NA	Solid/Soil	Increm, Prep	

Leach Batch: 144193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-41 DU	HWH0103-41	Total/NA	Solid	Increm, Prep	
580-39993-41 MS	HWH0103-41	Total/NA	Solid	Increm, Prep	
580-39993-41 MSD	HWH0103-41	Total/NA	Solid	Increm, Prep	
HWH0103-31	WLP-8D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-32	WLP-8E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-33	WLP-9B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-34	WLP-9C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-35	WLP-9D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-36	WLP-9E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-37	WLP-10B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-38	WLP-10C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-39	WLP-10D	Total/NA	Solid/Soil	Increm, Prep	

Metals (Continued)

Leach Batch: 144193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-40	WLP-10E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-41	WLP-11B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-42	WLP-11C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-43	WLP-11D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-44	WLP-11E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-45	WLP-12B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-46	WLP-12C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-47	WLP-12D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-48	WLP-12E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-49	WLP-13B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-50	WLP-13C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-51	WLP-13D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-52	WLP-13E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-53	WLP-14B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-54	WLP-14C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-55	WLP-14D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-56	WLP-14E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-57	WLP-15B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-58	WLP-15C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-59	WLP-15D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-60	WLP-15E	Total/NA	Solid/Soil	Increm, Prep	

Prep Batch: 144284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-2 DU	HWH0103-02	Total/NA	Solid	3050B	143900
580-39993-2 MS	HWH0103-02	Total/NA	Solid	3050B	143900
580-39993-2 MSD	HWH0103-02	Total/NA	Solid	3050B	143900
HWH0103-01	WLP-1B	Total/NA	Solid/Soil	3050B	143900
HWH0103-02	WLP-1C	Total/NA	Solid/Soil	3050B	143900
HWH0103-03	WLP-1D	Total/NA	Solid/Soil	3050B	143900
HWH0103-04	WLP-1E	Total/NA	Solid/Soil	3050B	143900
HWH0103-05	WLP-2B	Total/NA	Solid/Soil	3050B	143900
HWH0103-06	WLP-2C	Total/NA	Solid/Soil	3050B	143900
HWH0103-07	WLP-2D	Total/NA	Solid/Soil	3050B	143900
HWH0103-08	WLP-2E	Total/NA	Solid/Soil	3050B	143900
HWH0103-09	WLP-3B	Total/NA	Solid/Soil	3050B	143900
HWH0103-10	WLP-3C	Total/NA	Solid/Soil	3050B	143900
HWH0103-11	WLP-3D	Total/NA	Solid/Soil	3050B	143900
HWH0103-12	WLP-3E	Total/NA	Solid/Soil	3050B	143900
HWH0103-13	WLP-4B	Total/NA	Solid/Soil	3050B	143900
HWH0103-14	WLP-4C	Total/NA	Solid/Soil	3050B	143900
HWH0103-15	WLP-4D	Total/NA	Solid/Soil	3050B	143900
HWH0103-16	WLP-4E	Total/NA	Solid/Soil	3050B	143900
HWH0103-17	WLP-5B	Total/NA	Solid/Soil	3050B	143900
HWH0103-18	WLP-5C	Total/NA	Solid/Soil	3050B	143900
HWH0103-19	WLP-5D	Total/NA	Solid/Soil	3050B	143900
HWH0103-20	WLP-5E	Total/NA	Solid/Soil	3050B	143900
LCS 580-144284/25-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-144284/26-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-144284/24-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 144391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-21 DU	HWH0103-21	Total/NA	Solid	3050B	143900
580-39993-21 MS	HWH0103-21	Total/NA	Solid	3050B	143900
580-39993-21 MSD	HWH0103-21	Total/NA	Solid	3050B	143900
HWH0103-21	WLP-6B	Total/NA	Solid/Soil	3050B	143900
HWH0103-22	WLP-6C	Total/NA	Solid/Soil	3050B	143900
HWH0103-23	WLP-6D	Total/NA	Solid/Soil	3050B	143900
HWH0103-24	WLP-6E	Total/NA	Solid/Soil	3050B	143900
HWH0103-25	WLP-7B	Total/NA	Solid/Soil	3050B	143900
HWH0103-26	WLP-7C	Total/NA	Solid/Soil	3050B	143900
HWH0103-27	WLP-7D	Total/NA	Solid/Soil	3050B	143900
HWH0103-28	WLP-7E	Total/NA	Solid/Soil	3050B	143900
HWH0103-29	WLP-8B	Total/NA	Solid/Soil	3050B	143900
HWH0103-30	WLP-8C	Total/NA	Solid/Soil	3050B	143900
HWH0103-31	WLP-8D	Total/NA	Solid/Soil	3050B	144193
HWH0103-32	WLP-8E	Total/NA	Solid/Soil	3050B	144193
HWH0103-33	WLP-9B	Total/NA	Solid/Soil	3050B	144193
HWH0103-34	WLP-9C	Total/NA	Solid/Soil	3050B	144193
HWH0103-35	WLP-9D	Total/NA	Solid/Soil	3050B	144193
HWH0103-36	WLP-9E	Total/NA	Solid/Soil	3050B	144193
HWH0103-37	WLP-10B	Total/NA	Solid/Soil	3050B	144193
HWH0103-38	WLP-10C	Total/NA	Solid/Soil	3050B	144193
HWH0103-39	WLP-10D	Total/NA	Solid/Soil	3050B	144193
HWH0103-40	WLP-10E	Total/NA	Solid/Soil	3050B	144193
LCS 580-144391/25-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-144391/26-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-144391/24-A	Method Blank	Total/NA	Solid	3050B	

Leach Batch: 144396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-61 DU	HWH0103-61	Total/NA	Solid	Increm, Prep	
580-39993-61 MS	HWH0103-61	Total/NA	Solid	Increm, Prep	
580-39993-61 MSD	HWH0103-61	Total/NA	Solid	Increm, Prep	
HWH0103-61	WLP-16B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-62	WLP-16C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-63	WLP-16D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-64	WLP-16E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-65	WLP-17B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-66	WLP-17C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-67	WLP-17D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-68	WLP-17E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-69	WLP-18B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-70	WLP-18C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-71	WLP-18D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-72	WLP-18E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-73	WLP-19B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-74	WLP-19C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-75	WLP-19D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-76	WLP-19E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-77	WLP-20B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-78	WLP-20C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-79	WLP-20D	Total/NA	Solid/Soil	Increm, Prep	

Metals (Continued)

Leach Batch: 144396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-80	WLP-20E	Total/NA	Solid/Soil	Increm, Prep	

Analysis Batch: 144462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-2 DU	HWH0103-02	Total/NA	Solid	6010B	144284
580-39993-2 MS	HWH0103-02	Total/NA	Solid	6010B	144284
580-39993-2 MSD	HWH0103-02	Total/NA	Solid	6010B	144284
HWH0103-01	WLP-1B	Total/NA	Solid/Soil	6010B	144284
HWH0103-02	WLP-1C	Total/NA	Solid/Soil	6010B	144284
HWH0103-03	WLP-1D	Total/NA	Solid/Soil	6010B	144284
HWH0103-04	WLP-1E	Total/NA	Solid/Soil	6010B	144284
HWH0103-05	WLP-2B	Total/NA	Solid/Soil	6010B	144284
HWH0103-06	WLP-2C	Total/NA	Solid/Soil	6010B	144284
HWH0103-07	WLP-2D	Total/NA	Solid/Soil	6010B	144284
HWH0103-08	WLP-2E	Total/NA	Solid/Soil	6010B	144284
HWH0103-09	WLP-3B	Total/NA	Solid/Soil	6010B	144284
HWH0103-10	WLP-3C	Total/NA	Solid/Soil	6010B	144284
HWH0103-11	WLP-3D	Total/NA	Solid/Soil	6010B	144284
HWH0103-12	WLP-3E	Total/NA	Solid/Soil	6010B	144284
HWH0103-13	WLP-4B	Total/NA	Solid/Soil	6010B	144284
HWH0103-14	WLP-4C	Total/NA	Solid/Soil	6010B	144284
HWH0103-15	WLP-4D	Total/NA	Solid/Soil	6010B	144284
HWH0103-16	WLP-4E	Total/NA	Solid/Soil	6010B	144284
HWH0103-17	WLP-5B	Total/NA	Solid/Soil	6010B	144284
HWH0103-18	WLP-5C	Total/NA	Solid/Soil	6010B	144284
HWH0103-19	WLP-5D	Total/NA	Solid/Soil	6010B	144284
HWH0103-20	WLP-5E	Total/NA	Solid/Soil	6010B	144284
LCS 580-144284/25-A	Lab Control Sample	Total/NA	Solid	6010B	144284
LCSD 580-144284/26-A	Lab Control Sample Dup	Total/NA	Solid	6010B	144284
MB 580-144284/24-A	Method Blank	Total/NA	Solid	6010B	144284

Analysis Batch: 144596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-21 DU	HWH0103-21	Total/NA	Solid	6010B	144391
580-39993-21 MS	HWH0103-21	Total/NA	Solid	6010B	144391
580-39993-21 MSD	HWH0103-21	Total/NA	Solid	6010B	144391
HWH0103-21	WLP-6B	Total/NA	Solid/Soil	6010B	144391
HWH0103-22	WLP-6C	Total/NA	Solid/Soil	6010B	144391
HWH0103-23	WLP-6D	Total/NA	Solid/Soil	6010B	144391
HWH0103-24	WLP-6E	Total/NA	Solid/Soil	6010B	144391
HWH0103-25	WLP-7B	Total/NA	Solid/Soil	6010B	144391
HWH0103-26	WLP-7C	Total/NA	Solid/Soil	6010B	144391
HWH0103-27	WLP-7D	Total/NA	Solid/Soil	6010B	144391
HWH0103-28	WLP-7E	Total/NA	Solid/Soil	6010B	144391
HWH0103-29	WLP-8B	Total/NA	Solid/Soil	6010B	144391
HWH0103-30	WLP-8C	Total/NA	Solid/Soil	6010B	144391
HWH0103-31	WLP-8D	Total/NA	Solid/Soil	6010B	144391
HWH0103-32	WLP-8E	Total/NA	Solid/Soil	6010B	144391
HWH0103-33	WLP-9B	Total/NA	Solid/Soil	6010B	144391
HWH0103-34	WLP-9C	Total/NA	Solid/Soil	6010B	144391
HWH0103-35	WLP-9D	Total/NA	Solid/Soil	6010B	144391

Metals (Continued)

Analysis Batch: 144596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-36	WLP-9E	Total/NA	Solid/Soil	6010B	144391
HWH0103-37	WLP-10B	Total/NA	Solid/Soil	6010B	144391
HWH0103-38	WLP-10C	Total/NA	Solid/Soil	6010B	144391
HWH0103-39	WLP-10D	Total/NA	Solid/Soil	6010B	144391
HWH0103-40	WLP-10E	Total/NA	Solid/Soil	6010B	144391
LCS 580-144391/25-A	Lab Control Sample	Total/NA	Solid	6010B	144391
LCSD 580-144391/26-A	Lab Control Sample Dup	Total/NA	Solid	6010B	144391
MB 580-144391/24-A	Method Blank	Total/NA	Solid	6010B	144391

Leach Batch: 144614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-81 DU	HWH0103-81	Total/NA	Solid	Increm, Prep	
580-39993-81 MS	HWH0103-81	Total/NA	Solid	Increm, Prep	
580-39993-81 MSD	HWH0103-81	Total/NA	Solid	Increm, Prep	
HWH0103-81	WLP-21B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-82	WLP-21C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-83	WLP-21D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-84	WLP-21E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-85	WLP-22B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-86	WLP-22C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-87	WLP-22D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-88	WLP-22E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-89	WLP-23B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-90	WLP-23C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-91	WLP-23D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-92	WLP-23E	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-93	WLP-24B	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-94	WLP-24C	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-95	WLP-24D	Total/NA	Solid/Soil	Increm, Prep	
HWH0103-96	WLP-24E	Total/NA	Solid/Soil	Increm, Prep	

Prep Batch: 144635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-41 DU	HWH0103-41	Total/NA	Solid	3050B	144193
580-39993-41 MS	HWH0103-41	Total/NA	Solid	3050B	144193
580-39993-41 MSD	HWH0103-41	Total/NA	Solid	3050B	144193
HWH0103-41	WLP-11B	Total/NA	Solid/Soil	3050B	144193
HWH0103-42	WLP-11C	Total/NA	Solid/Soil	3050B	144193
HWH0103-43	WLP-11D	Total/NA	Solid/Soil	3050B	144193
HWH0103-44	WLP-11E	Total/NA	Solid/Soil	3050B	144193
HWH0103-45	WLP-12B	Total/NA	Solid/Soil	3050B	144193
HWH0103-46	WLP-12C	Total/NA	Solid/Soil	3050B	144193
HWH0103-47	WLP-12D	Total/NA	Solid/Soil	3050B	144193
HWH0103-48	WLP-12E	Total/NA	Solid/Soil	3050B	144193
HWH0103-49	WLP-13B	Total/NA	Solid/Soil	3050B	144193
HWH0103-50	WLP-13C	Total/NA	Solid/Soil	3050B	144193
HWH0103-51	WLP-13D	Total/NA	Solid/Soil	3050B	144193
HWH0103-52	WLP-13E	Total/NA	Solid/Soil	3050B	144193
HWH0103-53	WLP-14B	Total/NA	Solid/Soil	3050B	144193
HWH0103-54	WLP-14C	Total/NA	Solid/Soil	3050B	144193
HWH0103-55	WLP-14D	Total/NA	Solid/Soil	3050B	144193

Metals (Continued)

Prep Batch: 144635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-56	WLP-14E	Total/NA	Solid/Soil	3050B	144193
HWH0103-57	WLP-15B	Total/NA	Solid/Soil	3050B	144193
HWH0103-58	WLP-15C	Total/NA	Solid/Soil	3050B	144193
HWH0103-59	WLP-15D	Total/NA	Solid/Soil	3050B	144193
HWH0103-60	WLP-15E	Total/NA	Solid/Soil	3050B	144193
LCS 580-144635/25-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-144635/26-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-144635/24-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 144710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-41 DU	HWH0103-41	Total/NA	Solid	6010B	144635
580-39993-41 MS	HWH0103-41	Total/NA	Solid	6010B	144635
580-39993-41 MSD	HWH0103-41	Total/NA	Solid	6010B	144635
HWH0103-41	WLP-11B	Total/NA	Solid/Soil	6010B	144635
HWH0103-42	WLP-11C	Total/NA	Solid/Soil	6010B	144635
HWH0103-43	WLP-11D	Total/NA	Solid/Soil	6010B	144635
HWH0103-44	WLP-11E	Total/NA	Solid/Soil	6010B	144635
HWH0103-45	WLP-12B	Total/NA	Solid/Soil	6010B	144635
HWH0103-46	WLP-12C	Total/NA	Solid/Soil	6010B	144635
HWH0103-47	WLP-12D	Total/NA	Solid/Soil	6010B	144635
HWH0103-48	WLP-12E	Total/NA	Solid/Soil	6010B	144635
HWH0103-49	WLP-13B	Total/NA	Solid/Soil	6010B	144635
HWH0103-50	WLP-13C	Total/NA	Solid/Soil	6010B	144635
HWH0103-51	WLP-13D	Total/NA	Solid/Soil	6010B	144635
HWH0103-52	WLP-13E	Total/NA	Solid/Soil	6010B	144635
HWH0103-53	WLP-14B	Total/NA	Solid/Soil	6010B	144635
HWH0103-54	WLP-14C	Total/NA	Solid/Soil	6010B	144635
HWH0103-55	WLP-14D	Total/NA	Solid/Soil	6010B	144635
HWH0103-56	WLP-14E	Total/NA	Solid/Soil	6010B	144635
HWH0103-57	WLP-15B	Total/NA	Solid/Soil	6010B	144635
HWH0103-58	WLP-15C	Total/NA	Solid/Soil	6010B	144635
HWH0103-59	WLP-15D	Total/NA	Solid/Soil	6010B	144635
HWH0103-60	WLP-15E	Total/NA	Solid/Soil	6010B	144635
LCS 580-144635/25-A	Lab Control Sample	Total/NA	Solid	6010B	144635
LCSD 580-144635/26-A	Lab Control Sample Dup	Total/NA	Solid	6010B	144635
MB 580-144635/24-A	Method Blank	Total/NA	Solid	6010B	144635

Prep Batch: 144800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-61 DU	HWH0103-61	Total/NA	Solid	3050B	144396
580-39993-61 MS	HWH0103-61	Total/NA	Solid	3050B	144396
580-39993-61 MSD	HWH0103-61	Total/NA	Solid	3050B	144396
HWH0103-61	WLP-16B	Total/NA	Solid/Soil	3050B	144396
HWH0103-62	WLP-16C	Total/NA	Solid/Soil	3050B	144396
HWH0103-63	WLP-16D	Total/NA	Solid/Soil	3050B	144396
HWH0103-64	WLP-16E	Total/NA	Solid/Soil	3050B	144396
HWH0103-65	WLP-17B	Total/NA	Solid/Soil	3050B	144396
HWH0103-66	WLP-17C	Total/NA	Solid/Soil	3050B	144396
HWH0103-67	WLP-17D	Total/NA	Solid/Soil	3050B	144396
HWH0103-68	WLP-17E	Total/NA	Solid/Soil	3050B	144396

Metals (Continued)

Prep Batch: 144800 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-69	WLP-18B	Total/NA	Solid/Soil	3050B	144396
HWH0103-70	WLP-18C	Total/NA	Solid/Soil	3050B	144396
HWH0103-71	WLP-18D	Total/NA	Solid/Soil	3050B	144396
HWH0103-72	WLP-18E	Total/NA	Solid/Soil	3050B	144396
HWH0103-73	WLP-19B	Total/NA	Solid/Soil	3050B	144396
HWH0103-74	WLP-19C	Total/NA	Solid/Soil	3050B	144396
HWH0103-75	WLP-19D	Total/NA	Solid/Soil	3050B	144396
HWH0103-76	WLP-19E	Total/NA	Solid/Soil	3050B	144396
HWH0103-77	WLP-20B	Total/NA	Solid/Soil	3050B	144396
HWH0103-78	WLP-20C	Total/NA	Solid/Soil	3050B	144396
HWH0103-79	WLP-20D	Total/NA	Solid/Soil	3050B	144396
HWH0103-80	WLP-20E	Total/NA	Solid/Soil	3050B	144396
LCS 580-144800/25-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-144800/26-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-144800/24-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 144857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-61 DU	HWH0103-61	Total/NA	Solid	6010B	144800
580-39993-61 MS	HWH0103-61	Total/NA	Solid	6010B	144800
580-39993-61 MSD	HWH0103-61	Total/NA	Solid	6010B	144800
HWH0103-61	WLP-16B	Total/NA	Solid/Soil	6010B	144800
HWH0103-62	WLP-16C	Total/NA	Solid/Soil	6010B	144800
HWH0103-63	WLP-16D	Total/NA	Solid/Soil	6010B	144800
HWH0103-64	WLP-16E	Total/NA	Solid/Soil	6010B	144800
HWH0103-65	WLP-17B	Total/NA	Solid/Soil	6010B	144800
HWH0103-66	WLP-17C	Total/NA	Solid/Soil	6010B	144800
HWH0103-67	WLP-17D	Total/NA	Solid/Soil	6010B	144800
HWH0103-68	WLP-17E	Total/NA	Solid/Soil	6010B	144800
HWH0103-69	WLP-18B	Total/NA	Solid/Soil	6010B	144800
HWH0103-70	WLP-18C	Total/NA	Solid/Soil	6010B	144800
HWH0103-71	WLP-18D	Total/NA	Solid/Soil	6010B	144800
HWH0103-72	WLP-18E	Total/NA	Solid/Soil	6010B	144800
HWH0103-73	WLP-19B	Total/NA	Solid/Soil	6010B	144800
HWH0103-74	WLP-19C	Total/NA	Solid/Soil	6010B	144800
HWH0103-75	WLP-19D	Total/NA	Solid/Soil	6010B	144800
HWH0103-76	WLP-19E	Total/NA	Solid/Soil	6010B	144800
HWH0103-77	WLP-20B	Total/NA	Solid/Soil	6010B	144800
HWH0103-78	WLP-20C	Total/NA	Solid/Soil	6010B	144800
HWH0103-79	WLP-20D	Total/NA	Solid/Soil	6010B	144800
HWH0103-80	WLP-20E	Total/NA	Solid/Soil	6010B	144800
LCS 580-144800/25-A	Lab Control Sample	Total/NA	Solid	6010B	144800
LCSD 580-144800/26-A	Lab Control Sample Dup	Total/NA	Solid	6010B	144800
MB 580-144800/24-A	Method Blank	Total/NA	Solid	6010B	144800

Prep Batch: 145078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-81 DU	HWH0103-81	Total/NA	Solid	3050B	144614
580-39993-81 MS	HWH0103-81	Total/NA	Solid	3050B	144614
580-39993-81 MSD	HWH0103-81	Total/NA	Solid	3050B	144614
HWH0103-81	WLP-21B	Total/NA	Solid/Soil	3050B	144614

Metals (Continued)

Prep Batch: 145078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HWH0103-82	WLP-21C	Total/NA	Solid/Soil	3050B	144614
HWH0103-83	WLP-21D	Total/NA	Solid/Soil	3050B	144614
HWH0103-84	WLP-21E	Total/NA	Solid/Soil	3050B	144614
HWH0103-85	WLP-22B	Total/NA	Solid/Soil	3050B	144614
HWH0103-86	WLP-22C	Total/NA	Solid/Soil	3050B	144614
HWH0103-87	WLP-22D	Total/NA	Solid/Soil	3050B	144614
HWH0103-88	WLP-22E	Total/NA	Solid/Soil	3050B	144614
HWH0103-89	WLP-23B	Total/NA	Solid/Soil	3050B	144614
HWH0103-90	WLP-23C	Total/NA	Solid/Soil	3050B	144614
HWH0103-91	WLP-23D	Total/NA	Solid/Soil	3050B	144614
HWH0103-92	WLP-23E	Total/NA	Solid/Soil	3050B	144614
HWH0103-93	WLP-24B	Total/NA	Solid/Soil	3050B	144614
HWH0103-94	WLP-24C	Total/NA	Solid/Soil	3050B	144614
HWH0103-95	WLP-24D	Total/NA	Solid/Soil	3050B	144614
HWH0103-96	WLP-24E	Total/NA	Solid/Soil	3050B	144614
LCS 580-145078/23-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-145078/24-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-145078/22-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 145152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-39993-81 DU	HWH0103-81	Total/NA	Solid	6010B	145078
580-39993-81 MS	HWH0103-81	Total/NA	Solid	6010B	145078
580-39993-81 MSD	HWH0103-81	Total/NA	Solid	6010B	145078
HWH0103-81	WLP-21B	Total/NA	Solid/Soil	6010B	145078
HWH0103-82	WLP-21C	Total/NA	Solid/Soil	6010B	145078
HWH0103-83	WLP-21D	Total/NA	Solid/Soil	6010B	145078
HWH0103-84	WLP-21E	Total/NA	Solid/Soil	6010B	145078
HWH0103-85	WLP-22B	Total/NA	Solid/Soil	6010B	145078
HWH0103-86	WLP-22C	Total/NA	Solid/Soil	6010B	145078
HWH0103-87	WLP-22D	Total/NA	Solid/Soil	6010B	145078
HWH0103-88	WLP-22E	Total/NA	Solid/Soil	6010B	145078
HWH0103-89	WLP-23B	Total/NA	Solid/Soil	6010B	145078
HWH0103-90	WLP-23C	Total/NA	Solid/Soil	6010B	145078
HWH0103-91	WLP-23D	Total/NA	Solid/Soil	6010B	145078
HWH0103-92	WLP-23E	Total/NA	Solid/Soil	6010B	145078
HWH0103-93	WLP-24B	Total/NA	Solid/Soil	6010B	145078
HWH0103-94	WLP-24C	Total/NA	Solid/Soil	6010B	145078
HWH0103-95	WLP-24D	Total/NA	Solid/Soil	6010B	145078
HWH0103-96	WLP-24E	Total/NA	Solid/Soil	6010B	145078
LCS 580-145078/23-A	Lab Control Sample	Total/NA	Solid	6010B	145078
LCSD 580-145078/24-A	Lab Control Sample Dup	Total/NA	Solid	6010B	145078
MB 580-145078/22-A	Method Blank	Total/NA	Solid	6010B	145078

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-1B — Lab Sample ID: HWH0103-01

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:11	HJM	TAL SEA

Client Sample ID: WLP-1C — Lab Sample ID: HWH0103-02

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 15:47	HJM	TAL SEA

Client Sample ID: WLP-1D — Lab Sample ID: HWH0103-03

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:14	HJM	TAL SEA

Client Sample ID: WLP-1E — Lab Sample ID: HWH0103-04

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:18	HJM	TAL SEA

Client Sample ID: WLP-2B — Lab Sample ID: HWH0103-05

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:21	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-2C — Lab Sample ID: HWH0103-06

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:24	HJM	TAL SEA

Client Sample ID: WLP-2D — Lab Sample ID: HWH0103-07

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:28	HJM	TAL SEA

Client Sample ID: WLP-2E — Lab Sample ID: HWH0103-08

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:32	HJM	TAL SEA

Client Sample ID: WLP-3B — Lab Sample ID: HWH0103-09

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:35	HJM	TAL SEA

Client Sample ID: WLP-3C — Lab Sample ID: HWH0103-10

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:39	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-3D — Lab Sample ID: HWH0103-11

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:42	HJM	TAL SEA

Client Sample ID: WLP-3E — Lab Sample ID: HWH0103-12

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:55	HJM	TAL SEA

Client Sample ID: WLP-4B — Lab Sample ID: HWH0103-13

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 16:59	HJM	TAL SEA

Client Sample ID: WLP-4C — Lab Sample ID: HWH0103-14

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:03	HJM	TAL SEA

Client Sample ID: WLP-4D — Lab Sample ID: HWH0103-15

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:06	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-4E — Lab Sample ID: HWH0103-16

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:09	HJM	TAL SEA

Client Sample ID: WLP-5B — Lab Sample ID: HWH0103-17

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:13	HJM	TAL SEA

Client Sample ID: WLP-5C — Lab Sample ID: HWH0103-18

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:16	HJM	TAL SEA

Client Sample ID: WLP-5D — Lab Sample ID: HWH0103-19

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:19	HJM	TAL SEA

Client Sample ID: WLP-5E — Lab Sample ID: HWH0103-20

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144284	09/05/13 14:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144462	09/06/13 17:23	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-6B — Lab Sample ID: HWH0103-21

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 09:38	HJM	TAL SEA

Client Sample ID: WLP-6C — Lab Sample ID: HWH0103-22

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:00	HJM	TAL SEA

Client Sample ID: WLP-6D — Lab Sample ID: HWH0103-23

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:04	HJM	TAL SEA

Client Sample ID: WLP-6E — Lab Sample ID: HWH0103-24

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:07	HJM	TAL SEA

Client Sample ID: WLP-7B — Lab Sample ID: HWH0103-25

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:10	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-7C — Lab Sample ID: HWH0103-26

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:14	HJM	TAL SEA

Client Sample ID: WLP-7D — Lab Sample ID: HWH0103-27

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:17	HJM	TAL SEA

Client Sample ID: WLP-7E — Lab Sample ID: HWH0103-28

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:20	HJM	TAL SEA

Client Sample ID: WLP-8B — Lab Sample ID: HWH0103-29

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:24	HJM	TAL SEA

Client Sample ID: WLP-8C — Lab Sample ID: HWH0103-30

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			143900	08/30/13 14:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:27	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-8D — Lab Sample ID: HWH0103-31

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:36	HJM	TAL SEA

Client Sample ID: WLP-8E — Lab Sample ID: HWH0103-32

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:39	HJM	TAL SEA

Client Sample ID: WLP-9B — Lab Sample ID: HWH0103-33

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:43	HJM	TAL SEA

Client Sample ID: WLP-9C — Lab Sample ID: HWH0103-34

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:46	HJM	TAL SEA

Client Sample ID: WLP-9D — Lab Sample ID: HWH0103-35

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:49	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-9E — Lab Sample ID: HWH0103-36

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:53	HJM	TAL SEA

Client Sample ID: WLP-10B — Lab Sample ID: HWH0103-37

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:56	HJM	TAL SEA

Client Sample ID: WLP-10C — Lab Sample ID: HWH0103-38

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 10:59	HJM	TAL SEA

Client Sample ID: WLP-10D — Lab Sample ID: HWH0103-39

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 11:03	HJM	TAL SEA

Client Sample ID: WLP-10E — Lab Sample ID: HWH0103-40

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144391	09/06/13 14:47	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144596	09/10/13 11:06	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-11B — Lab Sample ID: HWH0103-41

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:16	HJM	TAL SEA

Client Sample ID: WLP-11C — Lab Sample ID: HWH0103-42

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:42	HJM	TAL SEA

Client Sample ID: WLP-11D — Lab Sample ID: HWH0103-43

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:45	HJM	TAL SEA

Client Sample ID: WLP-11E — Lab Sample ID: HWH0103-44

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:48	HJM	TAL SEA

Client Sample ID: WLP-12B — Lab Sample ID: HWH0103-45

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:52	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-12C — Lab Sample ID: HWH0103-46

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:55	HJM	TAL SEA

Client Sample ID: WLP-12D — Lab Sample ID: HWH0103-47

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 12:58	HJM	TAL SEA

Client Sample ID: WLP-12E — Lab Sample ID: HWH0103-48

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:02	HJM	TAL SEA

Client Sample ID: WLP-13B — Lab Sample ID: HWH0103-49

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:05	HJM	TAL SEA

Client Sample ID: WLP-13C — Lab Sample ID: HWH0103-50

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:08	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-13D — Lab Sample ID: HWH0103-51

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:12	HJM	TAL SEA

Client Sample ID: WLP-13E — Lab Sample ID: HWH0103-52

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:21	HJM	TAL SEA

Client Sample ID: WLP-14B — Lab Sample ID: HWH0103-53

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:25	HJM	TAL SEA

Client Sample ID: WLP-14C — Lab Sample ID: HWH0103-54

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:28	HJM	TAL SEA

Client Sample ID: WLP-14D — Lab Sample ID: HWH0103-55

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:31	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-14E — Lab Sample ID: HWH0103-56

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:35	HJM	TAL SEA

Client Sample ID: WLP-15B — Lab Sample ID: HWH0103-57

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:38	HJM	TAL SEA

Client Sample ID: WLP-15C — Lab Sample ID: HWH0103-58

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:41	HJM	TAL SEA

Client Sample ID: WLP-15D — Lab Sample ID: HWH0103-59

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:45	HJM	TAL SEA

Client Sample ID: WLP-15E — Lab Sample ID: HWH0103-60

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144193	09/04/13 15:42	HJM	TAL SEA
Total/NA	Prep	3050B			144635	09/10/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144710	09/11/13 13:48	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-16B — Lab Sample ID: HWH0103-61

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 17:43	HJM	TAL SEA

Client Sample ID: WLP-16C — Lab Sample ID: HWH0103-62

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:10	HJM	TAL SEA

Client Sample ID: WLP-16D — Lab Sample ID: HWH0103-63

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:13	HJM	TAL SEA

Client Sample ID: WLP-16E — Lab Sample ID: HWH0103-64

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:17	HJM	TAL SEA

Client Sample ID: WLP-17B — Lab Sample ID: HWH0103-65

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:20	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-17C — Lab Sample ID: HWH0103-66

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:24	HJM	TAL SEA

Client Sample ID: WLP-17D — Lab Sample ID: HWH0103-67

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:27	HJM	TAL SEA

Client Sample ID: WLP-17E — Lab Sample ID: HWH0103-68

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:30	HJM	TAL SEA

Client Sample ID: WLP-18B — Lab Sample ID: HWH0103-69

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:34	HJM	TAL SEA

Client Sample ID: WLP-18C — Lab Sample ID: HWH0103-70

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:37	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-18D — Lab Sample ID: HWH0103-71

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:46	HJM	TAL SEA

Client Sample ID: WLP-18E — Lab Sample ID: HWH0103-72

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:49	HJM	TAL SEA

Client Sample ID: WLP-19B — Lab Sample ID: HWH0103-73

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:53	HJM	TAL SEA

Client Sample ID: WLP-19C — Lab Sample ID: HWH0103-74

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 18:56	HJM	TAL SEA

Client Sample ID: WLP-19D — Lab Sample ID: HWH0103-75

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:00	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-19E — Lab Sample ID: HWH0103-76

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:03	HJM	TAL SEA

Client Sample ID: WLP-20B — Lab Sample ID: HWH0103-77

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:07	HJM	TAL SEA

Client Sample ID: WLP-20C — Lab Sample ID: HWH0103-78

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:11	HJM	TAL SEA

Client Sample ID: WLP-20D — Lab Sample ID: HWH0103-79

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:15	HJM	TAL SEA

Client Sample ID: WLP-20E — Lab Sample ID: HWH0103-80

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144396	09/06/13 15:59	HJM	TAL SEA
Total/NA	Prep	3050B			144800	09/12/13 11:54	PAB	TAL SEA
Total/NA	Analysis	6010B		20	144857	09/12/13 19:19	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-21B — Lab Sample ID: HWH0103-81

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:21	HJM	TAL SEA

Client Sample ID: WLP-21C — Lab Sample ID: HWH0103-82

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:43	HJM	TAL SEA

Client Sample ID: WLP-21D — Lab Sample ID: HWH0103-83

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:46	HJM	TAL SEA

Client Sample ID: WLP-21E — Lab Sample ID: HWH0103-84

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:50	HJM	TAL SEA

Client Sample ID: WLP-22B — Lab Sample ID: HWH0103-85

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:53	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-22C — Lab Sample ID: HWH0103-86

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 12:56	HJM	TAL SEA

Client Sample ID: WLP-22D — Lab Sample ID: HWH0103-87

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:00	HJM	TAL SEA

Client Sample ID: WLP-22E — Lab Sample ID: HWH0103-88

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:25	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:03	HJM	TAL SEA

Client Sample ID: WLP-23B — Lab Sample ID: HWH0103-89

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:06	HJM	TAL SEA

Client Sample ID: WLP-23C — Lab Sample ID: HWH0103-90

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:10	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-23D — Lab Sample ID: HWH0103-91

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:19	HJM	TAL SEA

Client Sample ID: WLP-23E — Lab Sample ID: HWH0103-92

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:07	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:22	HJM	TAL SEA

Client Sample ID: WLP-24B — Lab Sample ID: HWH0103-93

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:10	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:25	HJM	TAL SEA

Client Sample ID: WLP-24C — Lab Sample ID: HWH0103-94

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:10	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:29	HJM	TAL SEA

Client Sample ID: WLP-24D — Lab Sample ID: HWH0103-95

Date Collected: 08/22/13 14:30 — **Matrix: Solid/Soil**
Date Received: 08/26/13 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:10	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:32	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Client Sample ID: WLP-24E

Date Collected: 08/22/13 14:30
Date Received: 08/26/13 13:45

Lab Sample ID: HWH0103-96

Matrix: Solid/Soil

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	Increm, Prep			144614	09/10/13 14:10	HJM	TAL SEA
Total/NA	Prep	3050B			145078	09/16/13 16:26	PAB	TAL SEA
Total/NA	Analysis	6010B		20	145152	09/17/13 13:35	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E87907	06-30-14
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14
California	NELAP	9	01115CA	01-31-14
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-13
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-14

Method Summary

Client: Department of Health, HEER Office
Project/Site: Wailoa Park Arsenic Study

TestAmerica Job ID: HWH0103

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA

Protocol References:

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-1B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-01
WLP-1C	8/22/2013	2:30pm	G	Soil	1			X	-02
WLP-1D	8/22/2013	2:30pm	G	Soil	1			X	-03
WLP-1E	8/22/2013	2:30pm	G	Soil	1			X	-04
WLP-2B	8/22/2013	2:30pm	G	Soil	1			X	-05
WLP-2C	8/22/2013	2:30pm	G	Soil	1			X	-06
WLP-2D	8/22/2013	2:30pm	G	Soil	1			X	-07
WLP-2E	8/22/2013	2:30pm	G	Soil	1			X	-08
WLP-3B	8/22/2013	2:30pm	G	Soil	1			X	-09
WLP-3C	8/22/2013	2:30pm	G	Soil	1			X	-10
WLP-3D	8/22/2013	2:30pm	G	Soil	1			X	-11
WLP-3E	8/22/2013	2:30pm	G	Soil	1			X	-12

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	8/26/13 1:45p	[illegible]	TA Hon	8/26/13 ~~1350~~ 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[illegible] 2902 NoPa		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-4B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-13
WLP-4C	8/22/2013	2:30pm	G	Soil	1			X	-14
WLP-4D	8/22/2013	2:30pm	G	Soil	1			X	-15
WLP-4E	8/22/2013	2:30pm	G	Soil	1			X	-16
WLP-5B	8/22/2013	2:30pm	G	Soil	1			X	-17
WLP-5C	8/22/2013	2:30pm	G	Soil	1			X	-18
WLP-5D	8/22/2013	2:30pm	G	Soil	1			X	-19
WLP-5E	8/22/2013	2:30pm	G	Soil	1			X	-20
WLP-6B	8/22/2013	2:30pm	G	Soil	1			X	-21
WLP-6C	8/22/2013	2:30pm	G	Soil	1			X	-22
WLP-6D	8/22/2013	2:30pm	G	Soil	1			X	-23
WLP-6E	8/22/2013	2:30pm	G	Soil	1			X	-24

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HPOLA	8/26/13 1:45pm	[signature]	TA Hon	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] 29th No Rice		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 3 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-7B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-25
WLP-7C	8/22/2013	2:30pm	G	Soil	1			X	-26
WLP-7D	8/22/2013	2:30pm	G	Soil	1			X	-27
WLP-7E	8/22/2013	2:30pm	G	Soil	1			X	-28
WLP-8B	8/22/2013	2:30pm	G	Soil	1			X	-29
WLP-8C	8/22/2013	2:30pm	G	Soil	1			X	-30
WLP-8D	8/22/2013	2:30pm	G	Soil	1			X	-31
WLP-8E	8/22/2013	2:30pm	G	Soil	1			X	-32
WLP-9B	8/22/2013	2:30pm	G	Soil	1			X	-33
WLP-9C	8/22/2013	2:30pm	G	Soil	1			X	-34
WLP-9D	8/22/2013	2:30pm	G	Soil	1			X	-35
WLP-9E	8/22/2013	2:30pm	G	Soil	1			X	-36

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger Brewer	HDOH	1:45 8/26/13	[illegible]	TA Hon	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[illegible] 292 No8		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-10B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-37
WLP-10C	8/22/2013	2:30pm	G	Soil	1			X	-38
WLP-10D	8/22/2013	2:30pm	G	Soil	1			X	-39
WLP-10E	8/22/2013	2:30pm	G	Soil	1			X	-40
WLP-11B	8/22/2013	2:30pm	G	Soil	1			X	-41
WLP-11C	8/22/2013	2:30pm	G	Soil	1			X	-42
WLP-11D	8/22/2013	2:30pm	G	Soil	1			X	-43
WLP-11E	8/22/2013	2:30pm	G	Soil	1			X	-44
WLP-12B	8/22/2013	2:30pm	G	Soil	1			X	-45
WLP-12C	8/22/2013	2:30pm	G	Soil	1			X	-46
WLP-12D	8/22/2013	2:30pm	G	Soil	1			X	-47
WLP-12E	8/22/2013	2:30pm	G	Soil	1			X	-48

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Initant ☐ Poison B ☐ Unknown

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	8/26/13	[illegible]	TA Hon	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[illegible] 2902	NoRec	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-13B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-49
WLP-13C	8/22/2013	2:30pm	G	Soil	1			X	-50
WLP-13D	8/22/2013	2:30pm	G	Soil	1			X	-51
WLP-13E	8/22/2013	2:30pm	G	Soil	1			X	-52
WLP-14B	8/22/2013	2:30pm	G	Soil	1			X	-53
WLP-14C	8/22/2013	2:30pm	G	Soil	1			X	-54
WLP-14D	8/22/2013	2:30pm	G	Soil	1			X	-55
WLP-14E	8/22/2013	2:30pm	G	Soil	1			X	-56
WLP-15B	8/22/2013	2:30pm	G	Soil	1			X	-57
WLP-15C	8/22/2013	2:30pm	G	Soil	1			X	-58
WLP-15D	8/22/2013	2:30pm	G	Soil	1			X	-59
WLP-15E	8/22/2013	2:30pm	G	Soil	1			X	-60

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	1:45 8/26/13	[signature]	TA Hon	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature]	NOR	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-16B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-61
WLP-16C	8/22/2013	2:30pm	G	Soil	1			X	-62
WLP-16D	8/22/2013	2:30pm	G	Soil	1			X	-63
WLP-16E	8/22/2013	2:30pm	G	Soil	1			X	-64
WLP-17B	8/22/2013	2:30pm	G	Soil	1			X	-65
WLP-17C	8/22/2013	2:30pm	G	Soil	1			X	-66
WLP-17D	8/22/2013	2:30pm	G	Soil	1			X	-67
WLP-17E	8/22/2013	2:30pm	G	Soil	1			X	-68
WLP-18B	8/22/2013	2:30pm	G	Soil	1			X	-69
WLP-18C	8/22/2013	2:30pm	G	Soil	1			X	-70
WLP-18D	8/22/2013	2:30pm	G	Soil	1			X	-71
WLP-18E	8/22/2013	2:30pm	G	Soil	1			X	-72

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	8/26/13 1:45	[signature]	TA Kona	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] 292	Nolan	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: KWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-19B	8/22/2013	2:30pm	G	Soil	1			X	KWH0103-73
WLP-19C	8/22/2013	2:30pm	G	Soil	1			X	-74
WLP-19D	8/22/2013	2:30pm	G	Soil	1			X	-75
WLP-19E	8/22/2013	2:30pm	G	Soil	1			X	-76
WLP-20B	8/22/2013	2:30pm	G	Soil	1			X	-77
WLP-20C	8/22/2013	2:30pm	G	Soil	1			X	-78
WLP-20D	8/22/2013	2:30pm	G	Soil	1			X	-79
WLP-20E	8/22/2013	2:30pm	G	Soil	1			X	-80
WLP-21B	8/22/2013	2:30pm	G	Soil	1			X	-81
WLP-21C	8/22/2013	2:30pm	G	Soil	1			X	-82
WLP-21D	8/22/2013	2:30pm	G	Soil	1			X	-83
WLP-21E	8/22/2013	2:30pm	G	Soil	1			X	-84

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HPOH	8/26/13 1745	[signature]	TA Hon	8/26/13 1745
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			Dust 29°C No Ice		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: Aug 26, 2013	COC No: HWH0103
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
P O # 1097589	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-22B	8/22/2013	2:30pm	G	Soil	1			X	HWH0103-85
WLP-22C	8/22/2013	2:30pm	G	Soil	1			X	-86
WLP-22D	8/22/2013	2:30pm	G	Soil	1			X	-87
WLP-22E	8/22/2013	2:30pm	G	Soil	1			X	-88
WLP-23B	8/22/2013	2:30pm	G	Soil	1			X	-89
WLP-23C	8/22/2013	2:30pm	G	Soil	1			X	-90
WLP-23D	8/22/2013	2:30pm	G	Soil	1			X	-91
WLP-23E	8/22/2013	2:30pm	G	Soil	1			X	-92
WLP-24B	8/22/2013	2:30pm	G	Soil	1			X	-93
WLP-24C	8/22/2013	2:30pm	G	Soil	1			X	-94
WLP-24D	8/22/2013	2:30pm	G	Soil	1			X	-95
WLP-24E	8/22/2013	2:30pm	G	Soil	1			X	-96

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☑ Archive for 45 days Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	1145 8/26/13	[signature]	TA Hon	8/26/13 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] 29 N	Bee	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DON HEER Date/ Time Received: 8/20/13 1345

Received By: JC

Matrices: Soil Carrier: Client Airbill# :

Shipping container/cooler in good condition?	Yes ✓	No ☐	Not Present ☐
Chain of Custody present?	Yes ✓	No ☐	
Chain of Custody Signed when relinquished and received?	Yes ✓	No ☐	
Chain of Custody agrees with sample labels?	Yes ✓	No ☐	
Samples in proper container/bottle?	Yes ✓	No ☐	
Sample containers intact?	Yes ✓	No ☐	
Sample containers on ice?	Yes ☐	No ✓	Type: NA
Sufficient sample volume for indicated test?	Yes ✓	No ☐	
All samples received within holding time?	Yes ✓	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present ✓
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ✓
pH Adjusted?	Yes ☐	No ✓	Final pH:
Encores / Mi-VOC / 5035 Vials Present?	Yes ☐	No ✓	Location:
Sample Filtration Needed?	Yes ☐	No ✓	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ✓	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ✓	Type:

Temperature Blank Present? Yes ☐ No ✓

Sample Container Temperature: 29 °C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXB0100
Client Project/Site: TO-402
Client Project Description: Wailoa Park Arsenic Study

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
3/27/2014 5:11:18 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Job ID: HXB0100

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 25 degrees C.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 3/1/2014 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.3º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXB0100-01	WLP - MISA	Solid/Soil	02/07/14 11:30	02/28/14 11:58
HXB0100-02	WLP - MISB	Solid/Soil	02/07/14 11:30	02/28/14 11:58
HXB0100-03	WLP - MISC	Solid/Soil	02/07/14 11:30	02/28/14 11:58

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Client Sample ID: WLP - MISA — Lab Sample ID: HXB0100-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	220		5.7		mg/Kg	10		6010B	Total/NA

Client Sample ID: WLP - MISB — Lab Sample ID: HXB0100-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	250		5.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WLP - MISC — Lab Sample ID: HXB0100-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	230		5.8		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Client Sample ID: WLP - MISA

Lab Sample ID: HXB0100-01
Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	220		5.7		mg/Kg		03/18/14 12:49	03/19/14 14:47	10

Client Sample ID: WLP - MISB

Lab Sample ID: HXB0100-02
Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	250		5.8		mg/Kg		03/18/14 12:49	03/19/14 14:50	10

Client Sample ID: WLP - MISC

Lab Sample ID: HXB0100-03
Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		5.8		mg/Kg		03/18/14 12:49	03/19/14 14:53	10

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-155389/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		03/18/14 12:49	03/19/14 13:22	1

Lab Sample ID: LCS 580-155389/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	177		mg/Kg		89	80 - 120

Lab Sample ID: LCSD 580-155389/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	200	178		mg/Kg		89	80 - 120	0	20

Lab Sample ID: 580-42560-A-21-C MS ^10 — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	31		37.7	56.5	F1	mg/Kg		67	80 - 120

Lab Sample ID: 580-42560-A-21-D MSD ^10 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	31		37.5	56.0	F1	mg/Kg		66	80 - 120	1	20

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Metals

ISM Prep Batch: 154544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0100-01	WLP - MISA	Total/NA	Solid/Soil	Increment, prep	
HXB0100-02	WLP - MISB	Total/NA	Solid/Soil	Increment, prep	
HXB0100-03	WLP - MISC	Total/NA	Solid/Soil	Increment, prep	

ISM Prep Batch: 154580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	Increment, prep	
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	Increment, prep	

Prep Batch: 155389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	3050B	154580
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	3050B	154580
HXB0100-01	WLP - MISA	Total/NA	Solid/Soil	3050B	154544
HXB0100-02	WLP - MISB	Total/NA	Solid/Soil	3050B	154544
HXB0100-03	WLP - MISC	Total/NA	Solid/Soil	3050B	154544
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155389/23-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 155511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	6010B	155389
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	6010B	155389
HXB0100-01	WLP - MISA	Total/NA	Solid/Soil	6010B	155389
HXB0100-02	WLP - MISB	Total/NA	Solid/Soil	6010B	155389
HXB0100-03	WLP - MISC	Total/NA	Solid/Soil	6010B	155389
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	6010B	155389
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155389
MB 580-155389/23-A	Method Blank	Total/NA	Solid	6010B	155389

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Client Sample ID: WLP - MISA

Lab Sample ID: HXB0100-01

Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:47	HJM	TAL SEA

Client Sample ID: WLP - MISB

Lab Sample ID: HXB0100-02

Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:50	HJM	TAL SEA

Client Sample ID: WLP - MISC

Lab Sample ID: HXB0100-03

Date Collected: 02/07/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:53	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14 *
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-15

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

Method Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0100

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA

Protocol References:

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

>>> Select a Laboratory <<<

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

#N/A
#N/A
#N/A
#N/A

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

kr 2/28/14 ~~HXB00~~ HXB0100

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 7, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 1 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Wailoa Park Arsenic Study	☐ 1 week			
Site: Wailoa Park, Hilo	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Arsenic (6010B)	Sample Specific Notes:
WLP-MISA	2/7/2014	11:30am	MIS	Soil	1		Y	X	HXB0100-01
WLP-MISB	2/7/2014	11:30am	MIS	Soil	1		Y	X	-02
WLP-MISC	2/7/2014	11:30am	MIS	Soil	1		Y	X	-03

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Send invoice to Tetratech ATT: Eric Jensen

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HPOLA	2/28/14 11:58	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no ice
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH HEER **Date/ Time Received:** 2/28/14 11:58

Received By: KR

Matrices: Soil **Carrier:** client **Airbill# :**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒ ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☒	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 25 °C

Comments/ Sampling Handling Notes:

Appendix 1: Laboratory Reports

- **Study Site B (Lead, Waipahu Incinerator)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
4429 Malaai St. #104
Honolulu, HI 96818
Tel: 808-486-5227

TestAmerica Job ID: HXC0055
Client Project/Site: TO-402
Client Project Description: Waipahu Incinerator Lead Study
Revision: 1

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
9/11/2014 9:43:45 AM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Job ID: HXC0055

Laboratory: TestAmerica Honolulu

Narrative

Revised report: Per client's request this report has been revised to include data for Copper, Iron, and Zinc. Additionally, ASTM Method D422 data has been revised and the laboratory bench sheet has been included.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 28 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Laboratory: TestAmerica Seattle

Narrative

Report Revisions
Report revised on 08/26/2014 to include iron, copper and zinc per client request. Sample volume had been previously disposed of and results are reported from the initial metals batch reported on 04/08/2014.
Report revised on 9/3/14 to update the ASTM Method D422 results. The bench sheet for the results is also included in the report.

Receipt
The samples were received on 3/18/2014 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.4º C.

Metals
Method 6010B: As noted above, iron results were requested after analysis was completed for lead and samples had been discarded. Iron results are reported from the initial metals batch reported on 04/08/2014. Iron is reported above the linear dynamic range (LDR) of the ICP; therefore, iron results may have a low bias. The following samples are affected: HXC0055-01 (580-42819-1), HXC0055-02 (580-42819-2), HXC0055-03 (580-42819-3), HXC0055-04 (580-42819-4), HXC0055-05 (580-42819-5), HXC0055-06 (580-42819-6), HXC0055-07 (580-42819-7), HXC0055-08 (580-42819-8), HXC0055-09 (580-42819-9), HXC0055-10 (580-42819-10), HXC0055-11 (580-42819-11), HXC0055-12 (580-42819-12), HXC0055-13 (580-42819-13), HXC0055-14 (580-42819-14), HXC0055-15 (580-42819-15), HXC0055-16 (580-42819-16), HXC0055-17 (580-42819-17)

The instrument blank (CCB) for analytical batch 156383 contained iron greater than the reporting limit (RL), and were not reanalyzed because iron was greater than 10x the RL in samples. The data have been qualified and reported. The following samples are affected: HXC0055-01 (580-42819-1), HXC0055-02 (580-42819-2), HXC0055-03 (580-42819-3), HXC0055-04 (580-42819-4), HXC0055-05 (580-42819-5), HXC0055-06 (580-42819-6), HXC0055-07 (580-42819-7), HXC0055-08 (580-42819-8), HXC0055-09 (580-42819-9), HXC0055-10 (580-42819-10), HXC0055-11 (580-42819-11), HXC0055-12 (580-42819-12), HXC0055-13 (580-42819-13), HXC0055-14 (580-42819-14), HXC0055-15 (580-42819-15), HXC0055-16 (580-42819-16), HXC0055-17 (580-42819-17)

Job ID: HXC0055 (Continued)

Laboratory: TestAmerica Seattle (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Geotechnical

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0055-01	WI - 1A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-02	WI - 2A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-03	WI - 3A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-04	WI - 4A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-05	WI - 5A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-06	WI - 6A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-07	WI - 7A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-08	WI - 8A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-09	WI - 9A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-10	WI - 10A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-11	WI - 11A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-12	WI - 12A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-13	WI - 13A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-14	WI - 14A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-15	WI - 15A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-16	WI - 16A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-17	WI - 17A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-18	WI - 18A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-19	WI - 19A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-20	WI - 20A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-21	WI - 21A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-22	WI - 22A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-23	WI - 23A	Solid/Soil	02/27/14 00:00	03/14/14 16:10
HXC0055-24	WI - 24A	Solid/Soil	02/27/14 00:00	03/14/14 16:10

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 1A — Lab Sample ID: HXC0055-01

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	6.1				%	1		D422	Total/NA
Coarse Sand	4.4				%	1		D422	Total/NA
Medium Sand	23.5				%	1		D422	Total/NA
Fine Sand	56.3				%	1		D422	Total/NA
Silt	8.0				%	1		D422	Total/NA
Clay	1.7				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	290		2.9		mg/Kg	10		6010B	Total/NA
Iron	49000		48		mg/Kg	10		6010B	Total/NA
Copper	140		2.9		mg/Kg	10		6010B	Total/NA
Zinc	790		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 2A — Lab Sample ID: HXC0055-02

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	7.3				%	1		D422	Total/NA
Coarse Sand	18.6				%	1		D422	Total/NA
Medium Sand	37.9				%	1		D422	Total/NA
Fine Sand	30.7				%	1		D422	Total/NA
Silt	3.3				%	1		D422	Total/NA
Clay	2.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	84		2.9		mg/Kg	10		6010B	Total/NA
Iron	57000		48		mg/Kg	10		6010B	Total/NA
Copper	130		2.9		mg/Kg	10		6010B	Total/NA
Zinc	280		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 3A — Lab Sample ID: HXC0055-03

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	5.5				%	1		D422	Total/NA
Coarse Sand	10.4				%	1		D422	Total/NA
Medium Sand	36.0				%	1		D422	Total/NA
Fine Sand	44.2				%	1		D422	Total/NA
Silt	0.6				%	1		D422	Total/NA
Clay	3.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	310		2.9		mg/Kg	10		6010B	Total/NA
Iron	48000		48		mg/Kg	10		6010B	Total/NA
Copper	180		2.9		mg/Kg	10		6010B	Total/NA
Zinc	800		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 4A — Lab Sample ID: HXC0055-04

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	31.9				%	1		D422	Total/NA
Coarse Sand	14.6				%	1		D422	Total/NA
Medium Sand	17.6				%	1		D422	Total/NA
Fine Sand	24.4				%	1		D422	Total/NA
Silt	9.8				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 4A (Continued) — Lab Sample ID: HXC0055-04

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Clay	1.7				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	690		2.9		mg/Kg	10		6010B	Total/NA
Iron	42000		48		mg/Kg	10		6010B	Total/NA
Copper	240		2.9		mg/Kg	10		6010B	Total/NA
Zinc	1500		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 5A — Lab Sample ID: HXC0055-05

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	20.3				%	1		D422	Total/NA
Coarse Sand	10.1				%	1		D422	Total/NA
Medium Sand	29.5				%	1		D422	Total/NA
Fine Sand	35.3				%	1		D422	Total/NA
Silt	3.5				%	1		D422	Total/NA
Clay	1.3				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	160		2.9		mg/Kg	10		6010B	Total/NA
Iron	58000		49		mg/Kg	10		6010B	Total/NA
Copper	160		2.9		mg/Kg	10		6010B	Total/NA
Zinc	520		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 6A — Lab Sample ID: HXC0055-06

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.3				%	1		D422	Total/NA
Coarse Sand	10.6				%	1		D422	Total/NA
Medium Sand	32.4				%	1		D422	Total/NA
Fine Sand	39.7				%	1		D422	Total/NA
Silt	4.7				%	1		D422	Total/NA
Clay	2.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.9		mg/Kg	10		6010B	Total/NA
Iron	57000		48		mg/Kg	10		6010B	Total/NA
Copper	220		2.9		mg/Kg	10		6010B	Total/NA
Zinc	790		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 7A — Lab Sample ID: HXC0055-07

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	14.3				%	1		D422	Total/NA
Coarse Sand	10.1				%	1		D422	Total/NA
Medium Sand	24.4				%	1		D422	Total/NA
Fine Sand	41.1				%	1		D422	Total/NA
Silt	8.7				%	1		D422	Total/NA
Clay	1.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.8		mg/Kg	10		6010B	Total/NA
Iron	54000		47		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 7A (Continued) — Lab Sample ID: HXC0055-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	150		2.8		mg/Kg	10		6010B	Total/NA
Zinc	660		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 8A — Lab Sample ID: HXC0055-08

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	12.4				%	1		D422	Total/NA
Coarse Sand	12.5				%	1		D422	Total/NA
Medium Sand	30.0				%	1		D422	Total/NA
Fine Sand	36.4				%	1		D422	Total/NA
Silt	7.2				%	1		D422	Total/NA
Clay	1.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	260		2.9		mg/Kg	10		6010B	Total/NA
Iron	52000		48		mg/Kg	10		6010B	Total/NA
Copper	190		2.9		mg/Kg	10		6010B	Total/NA
Zinc	690		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 9A — Lab Sample ID: HXC0055-09

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	8.1				%	1		D422	Total/NA
Coarse Sand	11.4				%	1		D422	Total/NA
Medium Sand	37.1				%	1		D422	Total/NA
Fine Sand	33.9				%	1		D422	Total/NA
Silt	6.5				%	1		D422	Total/NA
Clay	2.9				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		2.9		mg/Kg	10		6010B	Total/NA
Iron	64000		48		mg/Kg	10		6010B	Total/NA
Copper	160		2.9		mg/Kg	10		6010B	Total/NA
Zinc	340		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 10A — Lab Sample ID: HXC0055-10

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	6.5				%	1		D422	Total/NA
Coarse Sand	10.9				%	1		D422	Total/NA
Medium Sand	35.0				%	1		D422	Total/NA
Fine Sand	38.8				%	1		D422	Total/NA
Silt	5.7				%	1		D422	Total/NA
Clay	3.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	120		2.9		mg/Kg	10		6010B	Total/NA
Iron	52000		48		mg/Kg	10		6010B	Total/NA
Copper	110		2.9		mg/Kg	10		6010B	Total/NA
Zinc	370		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 11A — Lab Sample ID: HXC0055-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 11A (Continued) — Lab Sample ID: HXC0055-11

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	3.7				%	1		D422	Total/NA
Coarse Sand	7.4				%	1		D422	Total/NA
Medium Sand	30.0				%	1		D422	Total/NA
Fine Sand	46.2				%	1		D422	Total/NA
Silt	10.1				%	1		D422	Total/NA
Clay	2.5				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.9		mg/Kg	10		6010B	Total/NA
Iron	51000		48		mg/Kg	10		6010B	Total/NA
Copper	120		2.9		mg/Kg	10		6010B	Total/NA
Zinc	630		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 12A — Lab Sample ID: HXC0055-12

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	24.5				%	1		D422	Total/NA
Coarse Sand	16.2				%	1		D422	Total/NA
Medium Sand	22.1				%	1		D422	Total/NA
Fine Sand	28.8				%	1		D422	Total/NA
Silt	6.9				%	1		D422	Total/NA
Clay	1.5				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	410		2.9		mg/Kg	10		6010B	Total/NA
Iron	42000		48		mg/Kg	10		6010B	Total/NA
Copper	180		2.9		mg/Kg	10		6010B	Total/NA
Zinc	1000		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 13A — Lab Sample ID: HXC0055-13

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	13.2				%	1		D422	Total/NA
Coarse Sand	10.1				%	1		D422	Total/NA
Medium Sand	30.1				%	1		D422	Total/NA
Fine Sand	37.7				%	1		D422	Total/NA
Silt	6.2				%	1		D422	Total/NA
Clay	2.7				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	180		2.8		mg/Kg	10		6010B	Total/NA
Iron	55000		47		mg/Kg	10		6010B	Total/NA
Copper	120		2.8		mg/Kg	10		6010B	Total/NA
Zinc	550		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 14A — Lab Sample ID: HXC0055-14

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	14.5				%	1		D422	Total/NA
Coarse Sand	19.8				%	1		D422	Total/NA
Medium Sand	41.5				%	1		D422	Total/NA
Fine Sand	20.8				%	1		D422	Total/NA
Silt	0.8				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 14A (Continued) — Lab Sample ID: HXC0055-14

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Clay	2.5				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA
Iron	53000		49		mg/Kg	10		6010B	Total/NA
Copper	140		2.9		mg/Kg	10		6010B	Total/NA
Zinc	720		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 15A — Lab Sample ID: HXC0055-15

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	8.9				%	1		D422	Total/NA
Coarse Sand	14.5				%	1		D422	Total/NA
Medium Sand	42.0				%	1		D422	Total/NA
Fine Sand	28.5				%	1		D422	Total/NA
Silt	2.0				%	1		D422	Total/NA
Clay	4.2				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	230		2.9		mg/Kg	10		6010B	Total/NA
Iron	53000		48		mg/Kg	10		6010B	Total/NA
Copper	120		2.9		mg/Kg	10		6010B	Total/NA
Zinc	730		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 16A — Lab Sample ID: HXC0055-16

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.1				%	1		D422	Total/NA
Coarse Sand	15.9				%	1		D422	Total/NA
Medium Sand	32.6				%	1		D422	Total/NA
Fine Sand	31.9				%	1		D422	Total/NA
Silt	4.4				%	1		D422	Total/NA
Clay	5.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	370		2.9		mg/Kg	10		6010B	Total/NA
Iron	52000		48		mg/Kg	10		6010B	Total/NA
Copper	140		2.9		mg/Kg	10		6010B	Total/NA
Zinc	910		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 17A — Lab Sample ID: HXC0055-17

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	19.0				%	1		D422	Total/NA
Coarse Sand	12.8				%	1		D422	Total/NA
Medium Sand	37.6				%	1		D422	Total/NA
Fine Sand	25.1				%	1		D422	Total/NA
Silt	0.6				%	1		D422	Total/NA
Clay	4.8				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	330		2.8		mg/Kg	10		6010B	Total/NA
Iron	42000		47		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 17A (Continued) — Lab Sample ID: HXC0055-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	110		2.8		mg/Kg	10		6010B	Total/NA
Zinc	700		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 18A — Lab Sample ID: HXC0055-18

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	14.2				%	1		D422	Total/NA
Coarse Sand	23.3				%	1		D422	Total/NA
Medium Sand	43.0				%	1		D422	Total/NA
Fine Sand	17.0				%	1		D422	Total/NA
Silt	-3.9				%	1		D422	Total/NA
Clay	6.4				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	360		2.8		mg/Kg	10		6010B	Total/NA
Iron	35000		47		mg/Kg	10		6010B	Total/NA
Copper	100		2.8		mg/Kg	10		6010B	Total/NA
Zinc	700		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 19A — Lab Sample ID: HXC0055-19

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	17.5				%	1		D422	Total/NA
Coarse Sand	12.8				%	1		D422	Total/NA
Medium Sand	29.1				%	1		D422	Total/NA
Fine Sand	31.4				%	1		D422	Total/NA
Silt	4.4				%	1		D422	Total/NA
Clay	4.8				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	510		2.9		mg/Kg	10		6010B	Total/NA
Iron	37000		49		mg/Kg	10		6010B	Total/NA
Copper	140		2.9		mg/Kg	10		6010B	Total/NA
Zinc	1100		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 20A — Lab Sample ID: HXC0055-20

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	23.4				%	1		D422	Total/NA
Coarse Sand	9.2				%	1		D422	Total/NA
Medium Sand	25.5				%	1		D422	Total/NA
Fine Sand	31.7				%	1		D422	Total/NA
Silt	7.4				%	1		D422	Total/NA
Clay	2.8				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	590		2.9		mg/Kg	10		6010B	Total/NA
Iron	45000		48		mg/Kg	10		6010B	Total/NA
Copper	130		2.9		mg/Kg	10		6010B	Total/NA
Zinc	1300		3.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 21A — Lab Sample ID: HXC0055-21

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 21A (Continued) — Lab Sample ID: HXC0055-21

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	2.1				%	1		D422	Total/NA
Coarse Sand	5.0				%	1		D422	Total/NA
Medium Sand	32.9				%	1		D422	Total/NA
Fine Sand	32.8				%	1		D422	Total/NA
Silt	23.2				%	1		D422	Total/NA
Clay	4.0				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	270		2.9		mg/Kg	10		6010B	Total/NA
Iron	40000		48		mg/Kg	10		6010B	Total/NA
Copper	100		2.9		mg/Kg	10		6010B	Total/NA
Zinc	460		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 22A — Lab Sample ID: HXC0055-22

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	37.0				%	1		D422	Total/NA
Coarse Sand	5.0				%	1		D422	Total/NA
Medium Sand	14.8				%	1		D422	Total/NA
Fine Sand	22.3				%	1		D422	Total/NA
Silt	18.8				%	1		D422	Total/NA
Clay	2.0				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	280		2.9		mg/Kg	10		6010B	Total/NA
Iron	42000		48		mg/Kg	10		6010B	Total/NA
Copper	110		2.9		mg/Kg	10		6010B	Total/NA
Zinc	680		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 23A — Lab Sample ID: HXC0055-23

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	6.7				%	1		D422	Total/NA
Coarse Sand	4.2				%	1		D422	Total/NA
Medium Sand	27.3				%	1		D422	Total/NA
Fine Sand	32.1				%	1		D422	Total/NA
Silt	26.2				%	1		D422	Total/NA
Clay	3.5				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		2.9		mg/Kg	10		6010B	Total/NA
Iron	55000		48		mg/Kg	10		6010B	Total/NA
Copper	140		2.9		mg/Kg	10		6010B	Total/NA
Zinc	360		3.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 24A — Lab Sample ID: HXC0055-24

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	26.3				%	1		D422	Total/NA
Coarse Sand	6.1				%	1		D422	Total/NA
Medium Sand	20.1				%	1		D422	Total/NA
Fine Sand	23.7				%	1		D422	Total/NA
Silt	20.7				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 24A (Continued)

Lab Sample ID: HXC0055-24

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Clay	3.1				%	1		D422	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	310		2.8		mg/Kg	10		6010B	Total/NA
Iron	34000		47		mg/Kg	10		6010B	Total/NA
Copper	85		2.8		mg/Kg	10		6010B	Total/NA
Zinc	860		3.8		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 1A

Lab Sample ID: HXC0055-01

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	290		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:23	10
Iron	49000		48		mg/Kg		04/02/14 11:48	04/02/14 16:23	10
Copper	140		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:23	10
Zinc	790		3.8		mg/Kg		04/02/14 11:48	04/02/14 16:23	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	6.1				%			03/26/14 09:30	1
Coarse Sand	4.4				%			03/26/14 09:30	1
Medium Sand	23.5				%			03/26/14 09:30	1
Fine Sand	56.3				%			03/26/14 09:30	1
Silt	8.0				%			03/26/14 09:30	1
Clay	1.7				%			03/26/14 09:30	1

Client Sample ID: WI - 2A

Lab Sample ID: HXC0055-02

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	84		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:42	10
Iron	57000		48		mg/Kg		04/02/14 11:48	04/02/14 16:42	10
Copper	130		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:42	10
Zinc	280		3.8		mg/Kg		04/02/14 11:48	04/02/14 16:42	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	7.3				%			03/26/14 09:30	1
Coarse Sand	18.6				%			03/26/14 09:30	1
Medium Sand	37.9				%			03/26/14 09:30	1
Fine Sand	30.7				%			03/26/14 09:30	1
Silt	3.3				%			03/26/14 09:30	1
Clay	2.1				%			03/26/14 09:30	1

Client Sample ID: WI - 3A

Lab Sample ID: HXC0055-03

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	310		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:46	10
Iron	48000		48		mg/Kg		04/02/14 11:48	04/02/14 16:46	10
Copper	180		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:46	10
Zinc	800		3.9		mg/Kg		04/02/14 11:48	04/02/14 16:46	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	5.5				%			03/26/14 09:30	1
Coarse Sand	10.4				%			03/26/14 09:30	1
Medium Sand	36.0				%			03/26/14 09:30	1

Client Sample ID: WI - 3A
Lab Sample ID: HXC0055-03

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Fine Sand	44.2				%			03/26/14 09:30	1
Silt	0.6				%			03/26/14 09:30	1
Clay	3.3				%			03/26/14 09:30	1

Client Sample ID: WI - 4A
Lab Sample ID: HXC0055-04

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	690		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:49	10
Iron	42000		48		mg/Kg		04/02/14 11:48	04/02/14 16:49	10
Copper	240		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:49	10
Zinc	1500		3.8		mg/Kg		04/02/14 11:48	04/02/14 16:49	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	31.9				%			03/26/14 09:30	1
Coarse Sand	14.6				%			03/26/14 09:30	1
Medium Sand	17.6				%			03/26/14 09:30	1
Fine Sand	24.4				%			03/26/14 09:30	1
Silt	9.8				%			03/26/14 09:30	1
Clay	1.7				%			03/26/14 09:30	1

Client Sample ID: WI - 5A
Lab Sample ID: HXC0055-05

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:53	10
Iron	58000		49		mg/Kg		04/02/14 11:48	04/02/14 16:53	10
Copper	160		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:53	10
Zinc	520		3.9		mg/Kg		04/02/14 11:48	04/02/14 16:53	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	20.3				%			03/26/14 09:30	1
Coarse Sand	10.1				%			03/26/14 09:30	1
Medium Sand	29.5				%			03/26/14 09:30	1
Fine Sand	35.3				%			03/26/14 09:30	1
Silt	3.5				%			03/26/14 09:30	1
Clay	1.3				%			03/26/14 09:30	1

Client Sample ID: WI - 6A
Lab Sample ID: HXC0055-06

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:56	10

Client Sample ID: WI - 6A

Lab Sample ID: HXC0055-06

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	57000		48		mg/Kg		04/02/14 11:48	04/02/14 16:56	10
Copper	220		2.9		mg/Kg		04/02/14 11:48	04/02/14 16:56	10
Zinc	790		3.8		mg/Kg		04/02/14 11:48	04/02/14 16:56	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	10.3				%			03/26/14 09:30	1
Coarse Sand	10.6				%			03/26/14 09:30	1
Medium Sand	32.4				%			03/26/14 09:30	1
Fine Sand	39.7				%			03/26/14 09:30	1
Silt	4.7				%			03/26/14 09:30	1
Clay	2.4				%			03/26/14 09:30	1

Client Sample ID: WI - 7A

Lab Sample ID: HXC0055-07

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:00	10
Iron	54000		47		mg/Kg		04/02/14 11:48	04/02/14 17:00	10
Copper	150		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:00	10
Zinc	660		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:00	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	14.3				%			03/26/14 09:30	1
Coarse Sand	10.1				%			03/26/14 09:30	1
Medium Sand	24.4				%			03/26/14 09:30	1
Fine Sand	41.1				%			03/26/14 09:30	1
Silt	8.7				%			03/26/14 09:30	1
Clay	1.4				%			03/26/14 09:30	1

Client Sample ID: WI - 8A

Lab Sample ID: HXC0055-08

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	260		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:03	10
Iron	52000		48		mg/Kg		04/02/14 11:48	04/02/14 17:03	10
Copper	190		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:03	10
Zinc	690		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:03	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	12.4				%			03/26/14 09:30	1
Coarse Sand	12.5				%			03/26/14 09:30	1
Medium Sand	30.0				%			03/26/14 09:30	1
Fine Sand	36.4				%			03/26/14 09:30	1
Silt	7.2				%			03/26/14 09:30	1

Client Sample ID: WI - 8A

Lab Sample ID: HXC0055-08

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Clay	1.4				%			03/26/14 09:30	1

Client Sample ID: WI - 9A

Lab Sample ID: HXC0055-09

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:06	10
Iron	64000		48		mg/Kg		04/02/14 11:48	04/02/14 17:06	10
Copper	160		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:06	10
Zinc	340		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:06	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	8.1				%			03/26/14 09:30	1
Coarse Sand	11.4				%			03/26/14 09:30	1
Medium Sand	37.1				%			03/26/14 09:30	1
Fine Sand	33.9				%			03/26/14 09:30	1
Silt	6.5				%			03/26/14 09:30	1
Clay	2.9				%			03/26/14 09:30	1

Client Sample ID: WI - 10A

Lab Sample ID: HXC0055-10

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:16	10
Iron	52000		48		mg/Kg		04/02/14 11:48	04/02/14 17:16	10
Copper	110		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:16	10
Zinc	370		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:16	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	6.5				%			03/26/14 09:30	1
Coarse Sand	10.9				%			03/26/14 09:30	1
Medium Sand	35.0				%			03/26/14 09:30	1
Fine Sand	38.8				%			03/26/14 09:30	1
Silt	5.7				%			03/26/14 09:30	1
Clay	3.1				%			03/26/14 09:30	1

Client Sample ID: WI - 11A

Lab Sample ID: HXC0055-11

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:19	10
Iron	51000		48		mg/Kg		04/02/14 11:48	04/02/14 17:19	10
Copper	120		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:19	10

Client Sample ID: WI - 11A

Lab Sample ID: HXC0055-11
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	630		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:19	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	3.7				%			03/26/14 09:30	1
Coarse Sand	7.4				%			03/26/14 09:30	1
Medium Sand	30.0				%			03/26/14 09:30	1
Fine Sand	46.2				%			03/26/14 09:30	1
Silt	10.1				%			03/26/14 09:30	1
Clay	2.5				%			03/26/14 09:30	1

Client Sample ID: WI - 12A

Lab Sample ID: HXC0055-12
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	410		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:23	10
Iron	42000		48		mg/Kg		04/02/14 11:48	04/02/14 17:23	10
Copper	180		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:23	10
Zinc	1000		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:23	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	24.5				%			03/26/14 09:30	1
Coarse Sand	16.2				%			03/26/14 09:30	1
Medium Sand	22.1				%			03/26/14 09:30	1
Fine Sand	28.8				%			03/26/14 09:30	1
Silt	6.9				%			03/26/14 09:30	1
Clay	1.5				%			03/26/14 09:30	1

Client Sample ID: WI - 13A

Lab Sample ID: HXC0055-13
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:26	10
Iron	55000		47		mg/Kg		04/02/14 11:48	04/02/14 17:26	10
Copper	120		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:26	10
Zinc	550		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:26	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	13.2				%			03/26/14 09:30	1
Coarse Sand	10.1				%			03/26/14 09:30	1
Medium Sand	30.1				%			03/26/14 09:30	1
Fine Sand	37.7				%			03/26/14 09:30	1
Silt	6.2				%			03/26/14 09:30	1
Clay	2.7				%			03/26/14 09:30	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 14A

Lab Sample ID: HXC0055-14

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:30	10
Iron	53000		49		mg/Kg		04/02/14 11:48	04/02/14 17:30	10
Copper	140		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:30	10
Zinc	720		3.9		mg/Kg		04/02/14 11:48	04/02/14 17:30	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	14.5				%			03/26/14 09:30	1
Coarse Sand	19.8				%			03/26/14 09:30	1
Medium Sand	41.5				%			03/26/14 09:30	1
Fine Sand	20.8				%			03/26/14 09:30	1
Silt	0.8				%			03/26/14 09:30	1
Clay	2.5				%			03/26/14 09:30	1

Client Sample ID: WI - 15A

Lab Sample ID: HXC0055-15

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	230		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:33	10
Iron	53000		48		mg/Kg		04/02/14 11:48	04/02/14 17:33	10
Copper	120		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:33	10
Zinc	730		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:33	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	8.9				%			03/26/14 09:30	1
Coarse Sand	14.5				%			03/26/14 09:30	1
Medium Sand	42.0				%			03/26/14 09:30	1
Fine Sand	28.5				%			03/26/14 09:30	1
Silt	2.0				%			03/26/14 09:30	1
Clay	4.2				%			03/26/14 09:30	1

Client Sample ID: WI - 16A

Lab Sample ID: HXC0055-16

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	370		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:37	10
Iron	52000		48		mg/Kg		04/02/14 11:48	04/02/14 17:37	10
Copper	140		2.9		mg/Kg		04/02/14 11:48	04/02/14 17:37	10
Zinc	910		3.9		mg/Kg		04/02/14 11:48	04/02/14 17:37	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	10.1				%			03/26/14 09:30	1
Coarse Sand	15.9				%			03/26/14 09:30	1
Medium Sand	32.6				%			03/26/14 09:30	1
Fine Sand	31.9				%			03/26/14 09:30	1

Client Sample ID: WI - 16A

Lab Sample ID: HXC0055-16

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Silt	4.4				%			03/26/14 09:30	1
Clay	5.1				%			03/26/14 09:30	1

Client Sample ID: WI - 17A

Lab Sample ID: HXC0055-17

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	330		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:40	10
Iron	42000		47		mg/Kg		04/02/14 11:48	04/02/14 17:40	10
Copper	110		2.8		mg/Kg		04/02/14 11:48	04/02/14 17:40	10
Zinc	700		3.8		mg/Kg		04/02/14 11:48	04/02/14 17:40	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	19.0				%			03/26/14 09:30	1
Coarse Sand	12.8				%			03/26/14 09:30	1
Medium Sand	37.6				%			03/26/14 09:30	1
Fine Sand	25.1				%			03/26/14 09:30	1
Silt	0.6				%			03/26/14 09:30	1
Clay	4.8				%			03/26/14 09:30	1

Client Sample ID: WI - 18A

Lab Sample ID: HXC0055-18

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	360		2.8		mg/Kg		04/02/14 12:48	04/03/14 11:54	10
Iron	35000		47		mg/Kg		04/02/14 12:48	04/03/14 11:54	10
Copper	100		2.8		mg/Kg		04/02/14 12:48	04/03/14 11:54	10
Zinc	700		3.8		mg/Kg		04/02/14 12:48	04/03/14 11:54	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	14.2				%			03/26/14 09:30	1
Coarse Sand	23.3				%			03/26/14 09:30	1
Medium Sand	43.0				%			03/26/14 09:30	1
Fine Sand	17.0				%			03/26/14 09:30	1
Silt	-3.9				%			03/26/14 09:30	1
Clay	6.4				%			03/26/14 09:30	1

Client Sample ID: WI - 19A

Lab Sample ID: HXC0055-19

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	510		2.9		mg/Kg		04/02/14 12:48	04/03/14 11:58	10
Iron	37000		49		mg/Kg		04/02/14 12:48	04/03/14 11:58	10

Client Sample ID: WI - 19A

Lab Sample ID: HXC0055-19

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	140		2.9		mg/Kg		04/02/14 12:48	04/03/14 11:58	10
Zinc	1100		3.9		mg/Kg		04/02/14 12:48	04/03/14 11:58	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	17.5				%			03/26/14 09:30	1
Coarse Sand	12.8				%			03/26/14 09:30	1
Medium Sand	29.1				%			03/26/14 09:30	1
Fine Sand	31.4				%			03/26/14 09:30	1
Silt	4.4				%			03/26/14 09:30	1
Clay	4.8				%			03/26/14 09:30	1

Client Sample ID: WI - 20A

Lab Sample ID: HXC0055-20

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	590		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:01	10
Iron	45000		48		mg/Kg		04/02/14 12:48	04/03/14 12:01	10
Copper	130		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:01	10
Zinc	1300		3.9		mg/Kg		04/02/14 12:48	04/03/14 12:01	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	23.4				%			03/26/14 09:30	1
Coarse Sand	9.2				%			03/26/14 09:30	1
Medium Sand	25.5				%			03/26/14 09:30	1
Fine Sand	31.7				%			03/26/14 09:30	1
Silt	7.4				%			03/26/14 09:30	1
Clay	2.8				%			03/26/14 09:30	1

Client Sample ID: WI - 21A

Lab Sample ID: HXC0055-21

Date Collected: 02/27/14 00:00

Matrix: Solid/Soil

Date Received: 03/14/14 16:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	270		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:05	10
Iron	40000		48		mg/Kg		04/02/14 12:48	04/03/14 12:05	10
Copper	100		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:05	10
Zinc	460		3.8		mg/Kg		04/02/14 12:48	04/03/14 12:05	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	2.1				%			03/21/14 13:39	1
Coarse Sand	5.0				%			03/21/14 13:39	1
Medium Sand	32.9				%			03/21/14 13:39	1
Fine Sand	32.8				%			03/21/14 13:39	1
Silt	23.2				%			03/21/14 13:39	1
Clay	4.0				%			03/21/14 13:39	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 22A

Lab Sample ID: HXC0055-22

Date Collected: 02/27/14 00:00
Date Received: 03/14/14 16:10

Matrix: Solid/Soil

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	280		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:09	10
Iron	42000		48		mg/Kg		04/02/14 12:48	04/03/14 12:09	10
Copper	110		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:09	10
Zinc	680		3.8		mg/Kg		04/02/14 12:48	04/03/14 12:09	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	37.0				%			03/21/14 13:39	1
Coarse Sand	5.0				%			03/21/14 13:39	1
Medium Sand	14.8				%			03/21/14 13:39	1
Fine Sand	22.3				%			03/21/14 13:39	1
Silt	18.8				%			03/21/14 13:39	1
Clay	2.0				%			03/21/14 13:39	1

Client Sample ID: WI - 23A

Lab Sample ID: HXC0055-23

Date Collected: 02/27/14 00:00
Date Received: 03/14/14 16:10

Matrix: Solid/Soil

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:12	10
Iron	55000		48		mg/Kg		04/02/14 12:48	04/03/14 12:12	10
Copper	140		2.9		mg/Kg		04/02/14 12:48	04/03/14 12:12	10
Zinc	360		3.8		mg/Kg		04/02/14 12:48	04/03/14 12:12	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	6.7				%			03/21/14 13:39	1
Coarse Sand	4.2				%			03/21/14 13:39	1
Medium Sand	27.3				%			03/21/14 13:39	1
Fine Sand	32.1				%			03/21/14 13:39	1
Silt	26.2				%			03/21/14 13:39	1
Clay	3.5				%			03/21/14 13:39	1

Client Sample ID: WI - 24A

Lab Sample ID: HXC0055-24

Date Collected: 02/27/14 00:00
Date Received: 03/14/14 16:10

Matrix: Solid/Soil

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	310		2.8		mg/Kg		04/02/14 12:48	04/03/14 11:35	10
Iron	34000		47		mg/Kg		04/02/14 12:48	04/03/14 11:35	10
Copper	85		2.8		mg/Kg		04/02/14 12:48	04/03/14 11:35	10
Zinc	860		3.8		mg/Kg		04/02/14 12:48	04/03/14 11:35	10

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	26.3				%			03/21/14 13:39	1
Coarse Sand	6.1				%			03/21/14 13:39	1
Medium Sand	20.1				%			03/21/14 13:39	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 24A

Date Collected: 02/27/14 00:00
Date Received: 03/14/14 16:10

Lab Sample ID: HXC0055-24

Matrix: Solid/Soil

Method: D422 - Grain Size (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Fine Sand	23.7				%			03/21/14 13:39	1
Silt	20.7				%			03/21/14 13:39	1
Clay	3.1				%			03/21/14 13:39	1

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-156338/20-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156383 — **Prep Batch: 156338**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		04/02/14 11:48	04/02/14 16:11	1
Iron	ND		25		mg/Kg		04/02/14 11:48	04/02/14 16:11	1
Copper	ND		1.5		mg/Kg		04/02/14 11:48	04/02/14 16:11	1
Zinc	ND		2.0		mg/Kg		04/02/14 11:48	04/02/14 16:11	1

Lab Sample ID: LCS 580-156338/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156383 — **Prep Batch: 156338**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	45.6		mg/Kg		91	80 - 120
Iron	1100	1090		mg/Kg		99	80 - 120
Copper	25.0	25.1		mg/Kg		100	80 - 120
Zinc	200	191		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 580-156338/22-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156383 — **Prep Batch: 156338**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	46.1		mg/Kg		92	80 - 120	1	20
Iron	1100	1110		mg/Kg		101	80 - 120	2	20
Copper	25.0	25.3		mg/Kg		101	80 - 120	1	20
Zinc	200	192		mg/Kg		96	80 - 120	1	20

Lab Sample ID: 580-42819-1 MS — **Client Sample ID: HXC0055-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156383 — **Prep Batch: 156338**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	290		19.3	285	4	mg/Kg		-3	80 - 120
Iron	49000		231	50900	4	mg/Kg		936	80 - 120
Copper	140		9.63	152	4	mg/Kg		129	80 - 120
Zinc	790		77.0	880	4	mg/Kg		111	80 - 120

Lab Sample ID: 580-42819-1 MSD — **Client Sample ID: HXC0055-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156383 — **Prep Batch: 156338**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	290		9.66	281	4	mg/Kg		-43	80 - 120	1	20
Iron	49000		213	52000	4	mg/Kg		1516	80 - 120	2	20
Copper	140		4.83	153	4	mg/Kg		284	80 - 120	1	20
Zinc	790		38.6	847	4	mg/Kg		134	80 - 120	4	20

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

Lab Sample ID: MB 580-156345/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156433 — **Prep Batch: 156345**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		04/02/14 12:48	04/03/14 11:22	1
Iron	ND		25		mg/Kg		04/02/14 12:48	04/03/14 11:22	1
Copper	ND		1.5		mg/Kg		04/02/14 12:48	04/03/14 11:22	1
Zinc	ND		2.0		mg/Kg		04/02/14 12:48	04/03/14 11:22	1

Lab Sample ID: LCS 580-156345/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156433 — **Prep Batch: 156345**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	46.7		mg/Kg		93	80 - 120
Iron	1100	1110		mg/Kg		100	80 - 120
Copper	25.0	25.1		mg/Kg		101	80 - 120
Zinc	200	197		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 580-156345/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156433 — **Prep Batch: 156345**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	46.2		mg/Kg		92	80 - 120	1	20
Iron	1100	1090		mg/Kg		99	80 - 120	1	20
Copper	25.0	24.6		mg/Kg		98	80 - 120	2	20
Zinc	200	194		mg/Kg		97	80 - 120	2	20

Lab Sample ID: 580-42819-24 MS — **Client Sample ID: HXC0055-24**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156433 — **Prep Batch: 156345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	310		9.73	317	4	mg/Kg		55	80 - 120
Iron	34000		214	31800	4	mg/Kg		-1008	80 - 120
Copper	85		4.86	92.9	4	mg/Kg		153	80 - 120
Zinc	860		38.9	889	4	mg/Kg		72	80 - 120

Lab Sample ID: 580-42819-24 MSD — **Client Sample ID: HXC0055-24**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156433 — **Prep Batch: 156345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	310		9.59	321	4	mg/Kg		97	80 - 120	1	20
Iron	34000		211	31700	4	mg/Kg		-1048	80 - 120	0	20
Copper	85		4.80	99.5	4	mg/Kg		291	80 - 120	7	20
Zinc	860		38.4	900	4	mg/Kg		101	80 - 120	1	20

Metals

ISM Prep Batch: 155953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42819-1 MS	HXC0055-01	Total/NA	Solid	Increment, prep	
580-42819-1 MSD	HXC0055-01	Total/NA	Solid	Increment, prep	
580-42819-24 MS	HXC0055-24	Total/NA	Solid	Increment, prep	
580-42819-24 MSD	HXC0055-24	Total/NA	Solid	Increment, prep	
HXC0055-01	WI - 1A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-02	WI - 2A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-03	WI - 3A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-04	WI - 4A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-05	WI - 5A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-06	WI - 6A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-07	WI - 7A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-08	WI - 8A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-09	WI - 9A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-10	WI - 10A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-11	WI - 11A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-12	WI - 12A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-13	WI - 13A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-14	WI - 14A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-15	WI - 15A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-16	WI - 16A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-17	WI - 17A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-18	WI - 18A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-19	WI - 19A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-20	WI - 20A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-21	WI - 21A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-22	WI - 22A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-23	WI - 23A	Total/NA	Solid/Soil	Increment, prep	
HXC0055-24	WI - 24A	Total/NA	Solid/Soil	Increment, prep	

Prep Batch: 156338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42819-1 MS	HXC0055-01	Total/NA	Solid	3050B	155953
580-42819-1 MSD	HXC0055-01	Total/NA	Solid	3050B	155953
HXC0055-01	WI - 1A	Total/NA	Solid/Soil	3050B	155953
HXC0055-02	WI - 2A	Total/NA	Solid/Soil	3050B	155953
HXC0055-03	WI - 3A	Total/NA	Solid/Soil	3050B	155953
HXC0055-04	WI - 4A	Total/NA	Solid/Soil	3050B	155953
HXC0055-05	WI - 5A	Total/NA	Solid/Soil	3050B	155953
HXC0055-06	WI - 6A	Total/NA	Solid/Soil	3050B	155953
HXC0055-07	WI - 7A	Total/NA	Solid/Soil	3050B	155953
HXC0055-08	WI - 8A	Total/NA	Solid/Soil	3050B	155953
HXC0055-09	WI - 9A	Total/NA	Solid/Soil	3050B	155953
HXC0055-10	WI - 10A	Total/NA	Solid/Soil	3050B	155953
HXC0055-11	WI - 11A	Total/NA	Solid/Soil	3050B	155953
HXC0055-12	WI - 12A	Total/NA	Solid/Soil	3050B	155953
HXC0055-13	WI - 13A	Total/NA	Solid/Soil	3050B	155953
HXC0055-14	WI - 14A	Total/NA	Solid/Soil	3050B	155953
HXC0055-15	WI - 15A	Total/NA	Solid/Soil	3050B	155953
HXC0055-16	WI - 16A	Total/NA	Solid/Soil	3050B	155953
HXC0055-17	WI - 17A	Total/NA	Solid/Soil	3050B	155953
LCS 580-156338/21-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 156338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 580-156338/22-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-156338/20-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 156345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42819-24 MS	HXC0055-24	Total/NA	Solid	3050B	155953
580-42819-24 MSD	HXC0055-24	Total/NA	Solid	3050B	155953
HXC0055-18	WI - 18A	Total/NA	Solid/Soil	3050B	155953
HXC0055-19	WI - 19A	Total/NA	Solid/Soil	3050B	155953
HXC0055-20	WI - 20A	Total/NA	Solid/Soil	3050B	155953
HXC0055-21	WI - 21A	Total/NA	Solid/Soil	3050B	155953
HXC0055-22	WI - 22A	Total/NA	Solid/Soil	3050B	155953
HXC0055-23	WI - 23A	Total/NA	Solid/Soil	3050B	155953
HXC0055-24	WI - 24A	Total/NA	Solid/Soil	3050B	155953
LCS 580-156345/15-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-156345/16-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-156345/14-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 156383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42819-1 MS	HXC0055-01	Total/NA	Solid	6010B	156338
580-42819-1 MSD	HXC0055-01	Total/NA	Solid	6010B	156338
HXC0055-01	WI - 1A	Total/NA	Solid/Soil	6010B	156338
HXC0055-02	WI - 2A	Total/NA	Solid/Soil	6010B	156338
HXC0055-03	WI - 3A	Total/NA	Solid/Soil	6010B	156338
HXC0055-04	WI - 4A	Total/NA	Solid/Soil	6010B	156338
HXC0055-05	WI - 5A	Total/NA	Solid/Soil	6010B	156338
HXC0055-06	WI - 6A	Total/NA	Solid/Soil	6010B	156338
HXC0055-07	WI - 7A	Total/NA	Solid/Soil	6010B	156338
HXC0055-08	WI - 8A	Total/NA	Solid/Soil	6010B	156338
HXC0055-09	WI - 9A	Total/NA	Solid/Soil	6010B	156338
HXC0055-10	WI - 10A	Total/NA	Solid/Soil	6010B	156338
HXC0055-11	WI - 11A	Total/NA	Solid/Soil	6010B	156338
HXC0055-12	WI - 12A	Total/NA	Solid/Soil	6010B	156338
HXC0055-13	WI - 13A	Total/NA	Solid/Soil	6010B	156338
HXC0055-14	WI - 14A	Total/NA	Solid/Soil	6010B	156338
HXC0055-15	WI - 15A	Total/NA	Solid/Soil	6010B	156338
HXC0055-16	WI - 16A	Total/NA	Solid/Soil	6010B	156338
HXC0055-17	WI - 17A	Total/NA	Solid/Soil	6010B	156338
LCS 580-156338/21-A	Lab Control Sample	Total/NA	Solid	6010B	156338
LCSD 580-156338/22-A	Lab Control Sample Dup	Total/NA	Solid	6010B	156338
MB 580-156338/20-A	Method Blank	Total/NA	Solid	6010B	156338

Analysis Batch: 156433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42819-24 MS	HXC0055-24	Total/NA	Solid	6010B	156345
580-42819-24 MSD	HXC0055-24	Total/NA	Solid	6010B	156345
HXC0055-18	WI - 18A	Total/NA	Solid/Soil	6010B	156345
HXC0055-19	WI - 19A	Total/NA	Solid/Soil	6010B	156345
HXC0055-20	WI - 20A	Total/NA	Solid/Soil	6010B	156345
HXC0055-21	WI - 21A	Total/NA	Solid/Soil	6010B	156345

Metals (Continued)

Analysis Batch: 156433 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0055-22	WI - 22A	Total/NA	Solid/Soil	6010B	156345
HXC0055-23	WI - 23A	Total/NA	Solid/Soil	6010B	156345
HXC0055-24	WI - 24A	Total/NA	Solid/Soil	6010B	156345
LCS 580-156345/15-A	Lab Control Sample	Total/NA	Solid	6010B	156345
LCSD 580-156345/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	156345
MB 580-156345/14-A	Method Blank	Total/NA	Solid	6010B	156345

Geotechnical

Analysis Batch: 155651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0055-21	WI - 21A	Total/NA	Solid/Soil	D422	
HXC0055-22	WI - 22A	Total/NA	Solid/Soil	D422	
HXC0055-23	WI - 23A	Total/NA	Solid/Soil	D422	
HXC0055-24	WI - 24A	Total/NA	Solid/Soil	D422	

Analysis Batch: 155876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0055-01	WI - 1A	Total/NA	Solid/Soil	D422	
HXC0055-02	WI - 2A	Total/NA	Solid/Soil	D422	
HXC0055-03	WI - 3A	Total/NA	Solid/Soil	D422	
HXC0055-04	WI - 4A	Total/NA	Solid/Soil	D422	
HXC0055-05	WI - 5A	Total/NA	Solid/Soil	D422	
HXC0055-06	WI - 6A	Total/NA	Solid/Soil	D422	
HXC0055-07	WI - 7A	Total/NA	Solid/Soil	D422	
HXC0055-08	WI - 8A	Total/NA	Solid/Soil	D422	
HXC0055-09	WI - 9A	Total/NA	Solid/Soil	D422	
HXC0055-10	WI - 10A	Total/NA	Solid/Soil	D422	
HXC0055-11	WI - 11A	Total/NA	Solid/Soil	D422	
HXC0055-12	WI - 12A	Total/NA	Solid/Soil	D422	
HXC0055-13	WI - 13A	Total/NA	Solid/Soil	D422	
HXC0055-14	WI - 14A	Total/NA	Solid/Soil	D422	
HXC0055-15	WI - 15A	Total/NA	Solid/Soil	D422	
HXC0055-16	WI - 16A	Total/NA	Solid/Soil	D422	
HXC0055-17	WI - 17A	Total/NA	Solid/Soil	D422	
HXC0055-18	WI - 18A	Total/NA	Solid/Soil	D422	
HXC0055-19	WI - 19A	Total/NA	Solid/Soil	D422	
HXC0055-20	WI - 20A	Total/NA	Solid/Soil	D422	

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 1A
Lab Sample ID: HXC0055-01
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:23	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 2A
Lab Sample ID: HXC0055-02
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:42	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 3A
Lab Sample ID: HXC0055-03
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:46	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 4A
Lab Sample ID: HXC0055-04
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:49	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 5A
Lab Sample ID: HXC0055-05
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:53	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 5A
Lab Sample ID: HXC0055-05
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 6A
Lab Sample ID: HXC0055-06
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 16:56	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 7A
Lab Sample ID: HXC0055-07
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:00	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 8A
Lab Sample ID: HXC0055-08
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:03	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 9A
Lab Sample ID: HXC0055-09
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:06	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 10A — Lab Sample ID: HXC0055-10

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:16	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 11A — Lab Sample ID: HXC0055-11

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:19	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 12A — Lab Sample ID: HXC0055-12

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:23	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 13A — Lab Sample ID: HXC0055-13

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:26	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 14A — Lab Sample ID: HXC0055-14

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:30	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 14A
Lab Sample ID: HXC0055-14
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 15A
Lab Sample ID: HXC0055-15
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:33	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 16A
Lab Sample ID: HXC0055-16
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:37	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 17A
Lab Sample ID: HXC0055-17
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156338	04/02/14 11:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156383	04/02/14 17:40	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 18A
Lab Sample ID: HXC0055-18
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 11:54	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 19A — Lab Sample ID: HXC0055-19

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 11:58	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 20A — Lab Sample ID: HXC0055-20

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 15:58	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 12:01	HJM	TAL SEA
Total/NA	Analysis	D422		1	155876	03/26/14 09:30	HJM	TAL SEA

Client Sample ID: WI - 21A — Lab Sample ID: HXC0055-21

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 16:01	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 12:05	HJM	TAL SEA
Total/NA	Analysis	D422		1	155651	03/21/14 13:39	HJM	TAL SEA

Client Sample ID: WI - 22A — Lab Sample ID: HXC0055-22

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 16:01	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 12:09	HJM	TAL SEA
Total/NA	Analysis	D422		1	155651	03/21/14 13:39	HJM	TAL SEA

Client Sample ID: WI - 23A — Lab Sample ID: HXC0055-23

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 16:01	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 12:12	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Client Sample ID: WI - 23A

Lab Sample ID: HXC0055-23

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	155651	03/21/14 13:39	HJM	TAL SEA

Client Sample ID: WI - 24A

Lab Sample ID: HXC0055-24

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 03/14/14 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155953	03/26/14 16:01	HJM	TAL SEA
Total/NA	Prep	3050B			156345	04/02/14 12:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156433	04/03/14 11:35	HJM	TAL SEA
Total/NA	Analysis	D422		1	155651	03/21/14 13:39	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-113	07-25-15
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	04-08-17
Washington	State Program	10	C553	02-17-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXC0055

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA
D422	Grain Size	ASTM	TAL SEA

Protocol References:

ASTM = ASTM International

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

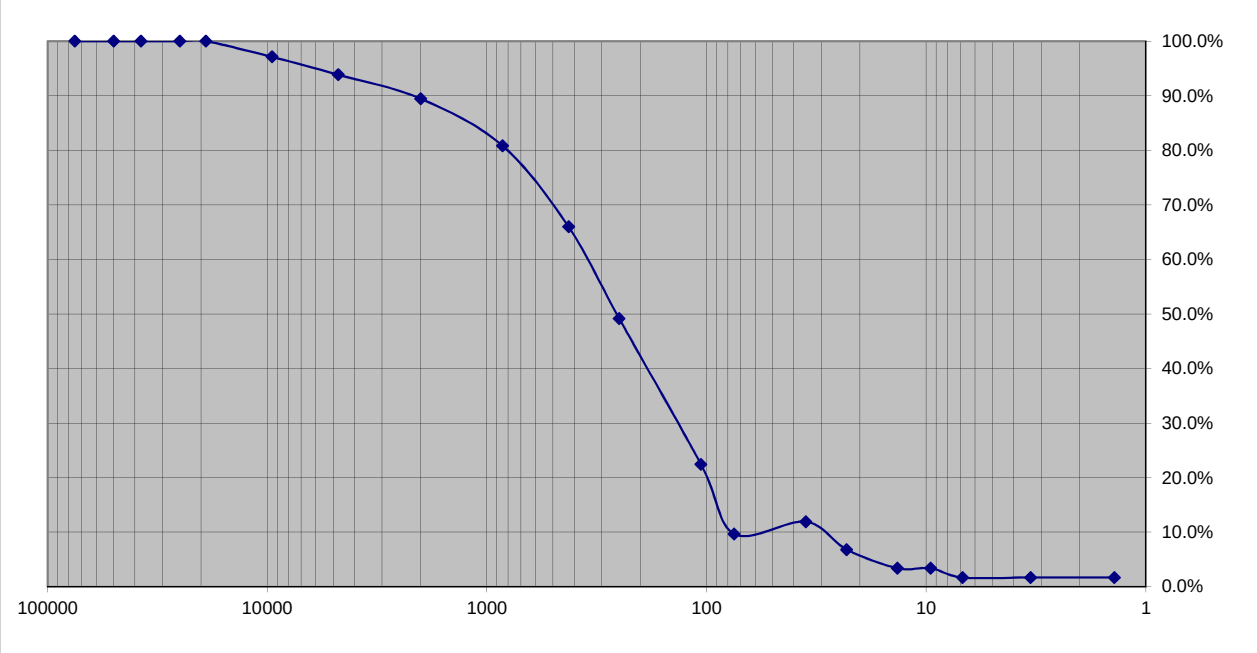
Grain Size ASTM D422

580-42819-1

Largest Partical Size 3/8 inch

Partical Size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	97.1%	2.9%
#4	4750	93.9%	3.3%
#10	2000	89.5%	4.4%
#20	850	80.9%	8.6%
#40	425	66.0%	14.9%
#60	250	49.2%	16.8%
#140	106	22.4%	26.8%
#200	75	9.7%	12.7%
Hydrometer	35	11.9%	-2.2%
Hydrometer	23	6.8%	5.1%
Hydrometer	14	3.4%	3.4%
Hydrometer	10	3.4%	0.0%
Hydrometer	7	1.7%	1.7%
Hydrometer	3	1.7%	0.0%
Hydrometer	1	1.7%	0.0%

Soil Clasification Percent	580-42819-1
Gravel	6.1%
Sand	84.2%
Corse Sand	4.4%
Medium Sand	23.5%
Fine Sand	56.3%
Silt	8.0%
Clay	1.7%



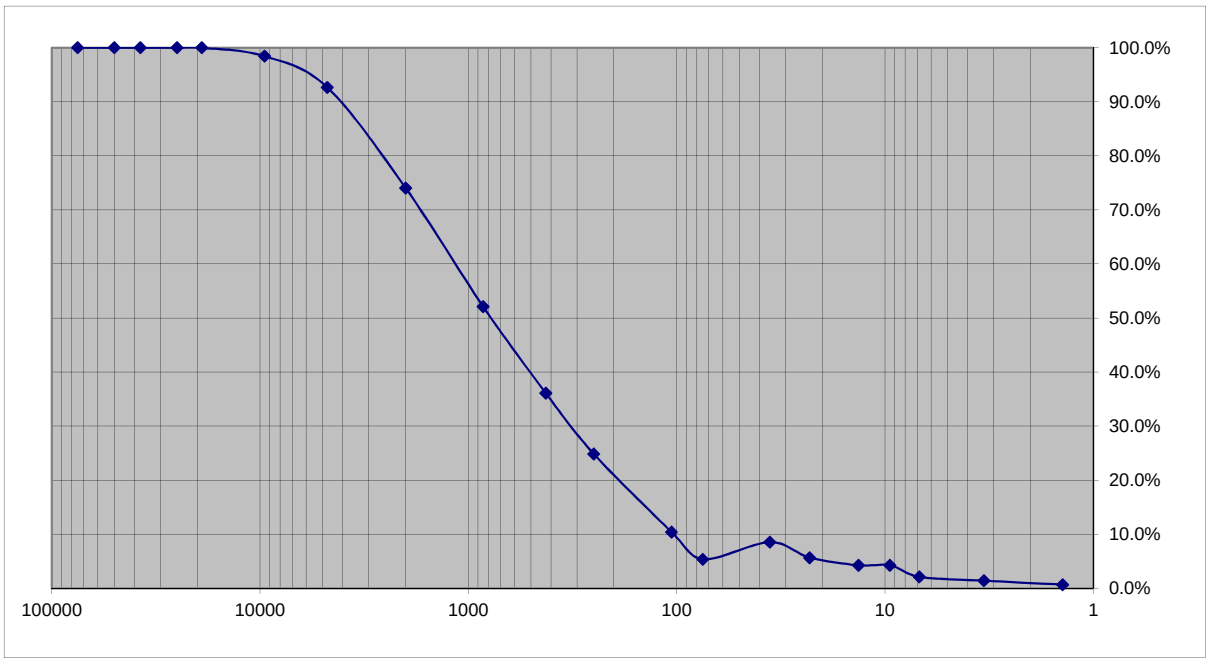
Grain Size ASTM D422

580-42819-2

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	98.4%	1.6%
#4	4750	92.7%	5.8%
#10	2000	74.1%	18.6%
#20	850	52.1%	21.9%
#40	425	36.1%	16.0%
#60	250	24.9%	11.2%
#140	106	10.4%	14.4%
#200	75	5.4%	5.0%
Hydrometer	35.72547	8.5%	-3.1%
Hydrometer	23.00339	5.7%	2.8%
Hydrometer	13.37421	4.3%	1.4%
Hydrometer	9.456997	4.3%	0.0%
Hydrometer	6.825	2.1%	2.1%
Hydrometer	3.343553	1.4%	0.7%
Hydrometer	1.402404	0.7%	0.7%

Soil Clasification Percent	580-42819-2
Gravel	7.3%
Sand	87.3%
Corse Sand	18.6%
Medium Sand	37.9%
Fine Sand	30.7%
Silt	3.3%
Clay	2.1%



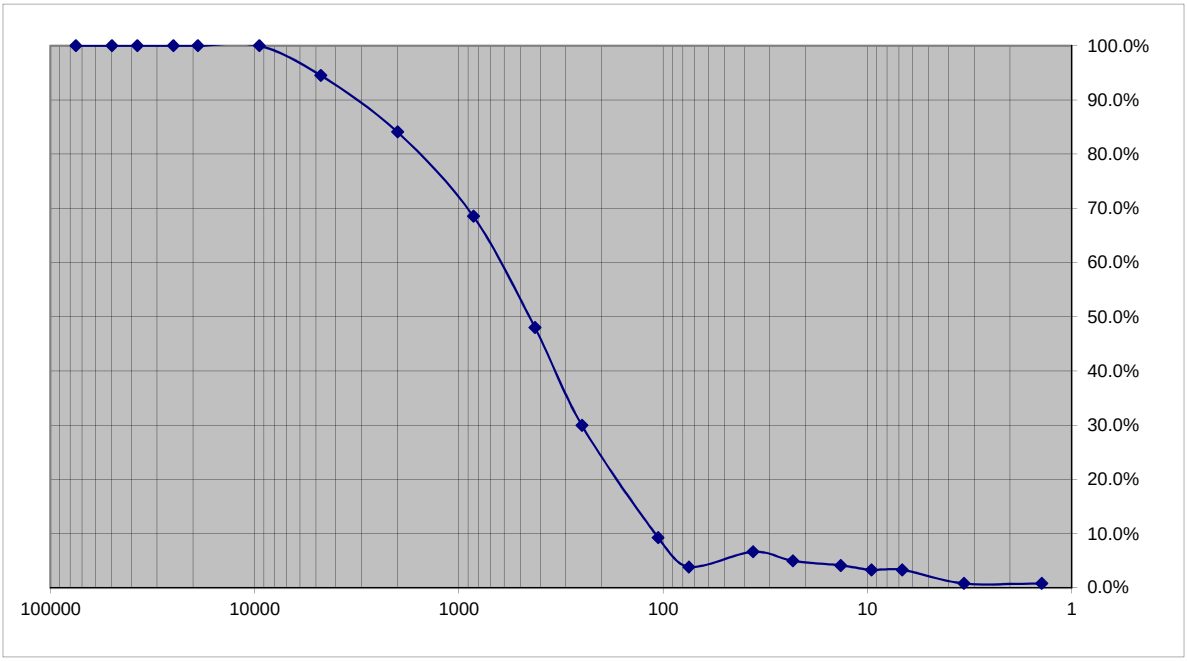
Grain Size ASTM D422

580-42819-3

Largest Partical Size #4

Partical size		Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%	
2 inch	50000	100.0%	0.0%	
1.5 inch	37500	100.0%	0.0%	
1 inch	25000	100.0%	0.0%	
3/4 inch	19000	100.0%	0.0%	
3/8 inch	9500	100.0%	0.0%	
#4	4750	94.5%	5.5%	
#10	2000	84.1%	10.4%	
#20	850	68.5%	15.6%	
#40	425	48.1%	20.5%	
#60	250	30.0%	18.1%	
#140	106	9.3%	20.7%	
#200	75	3.9%	5.4%	
Hydrometer	36.37155	6.7%	-2.8%	
Hydrometer	23.16482	5.0%	1.7%	
Hydrometer	13.51281	4.2%	0.8%	
Hydrometer	9.555	3.3%	0.8%	
Hydrometer	6.756405	3.3%	0.0%	
Hydrometer	3.36577	0.8%	2.5%	
Hydrometer	1.402404	0.8%	0.0%	

Soil Clasification Percent	580-42819-3
Gravel	5.5%
Sand	90.6%
Corse Sand	10.4%
Medium Sand	36.0%
Fine Sand	44.2%
Silt	0.6%
Clay	3.3%



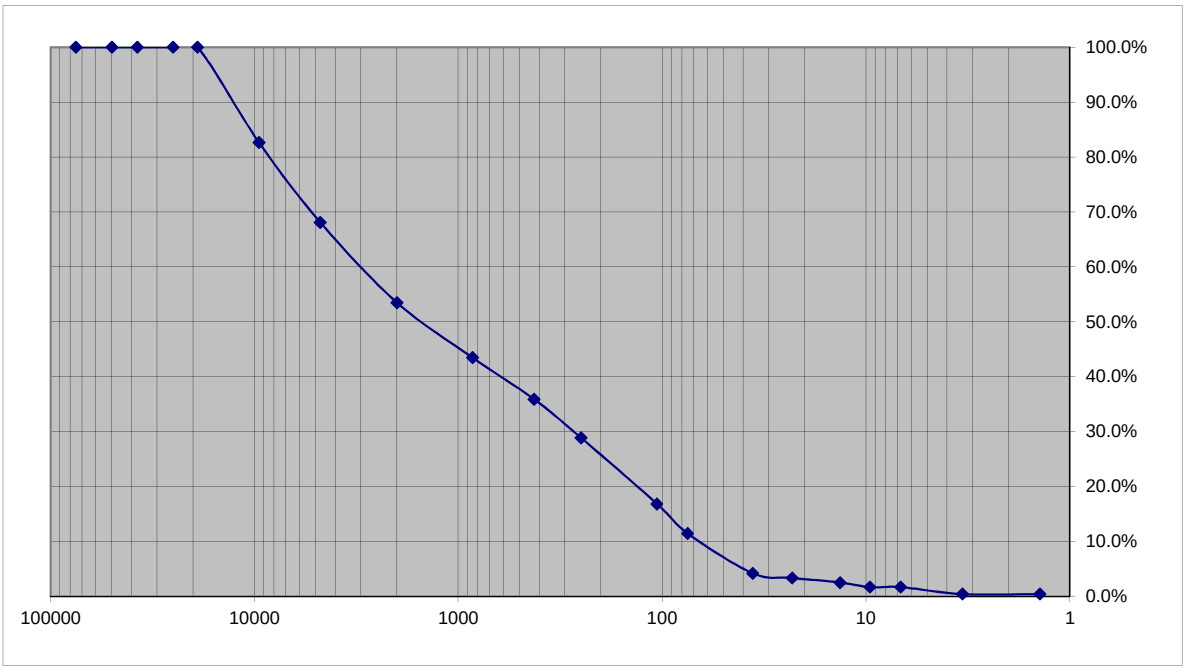
Grain Size ASTM D422

580-42819-4

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	82.7%	17.3%
#4	4750	68.1%	14.6%
#10	2000	53.5%	14.6%
#20	850	43.5%	10.0%
#40	425	35.9%	7.6%
#60	250	28.9%	7.0%
#140	106	16.9%	12.0%
#200	75	11.5%	5.4%
Hydrometer	35.98529	4.2%	7.3%
Hydrometer	23.00339	3.4%	0.8%
Hydrometer	13.37421	2.5%	0.8%
Hydrometer	9.555	1.7%	0.8%
Hydrometer	6.756405	1.7%	0.0%
Hydrometer	3.36577	0.4%	1.3%
Hydrometer	1.402404	0.4%	0.0%

Soil Clasification Percent	580-42819-4
Gravel	31.9%
Sand	56.6%
Corse Sand	14.6%
Medium Sand	17.6%
Fine Sand	24.4%
Silt	9.8%
Clay	1.7%



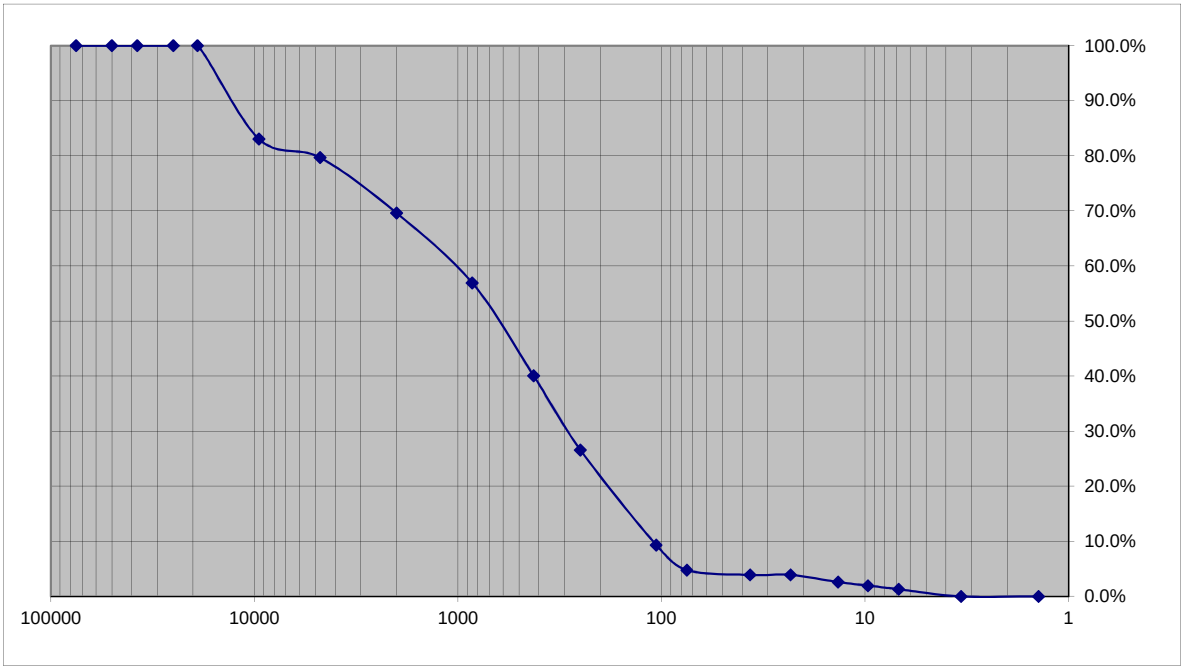
Grain Size ASTM D422

580-42819-5

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	83.1%	16.9%
#4	4750	79.7%	3.4%
#10	2000	69.6%	10.1%
#20	850	56.9%	12.7%
#40	425	40.1%	16.9%
#60	250	26.6%	13.5%
#140	106	9.3%	17.3%
#200	75	4.8%	4.5%
Hydrometer	36.62679	3.9%	0.9%
Hydrometer	23.16482	3.9%	0.0%
Hydrometer	13.51281	2.6%	1.3%
Hydrometer	9.652008	1.9%	0.6%
Hydrometer	6.825	1.3%	0.6%
Hydrometer	3.36577	0.0%	1.3%
Hydrometer	1.402404	0.0%	0.0%

Soil Clasification Percent	580-42819-5
Gravel	20.3%
Sand	74.9%
Corse Sand	10.1%
Medium Sand	29.5%
Fine Sand	35.3%
Silt	3.5%
Clay	1.3%



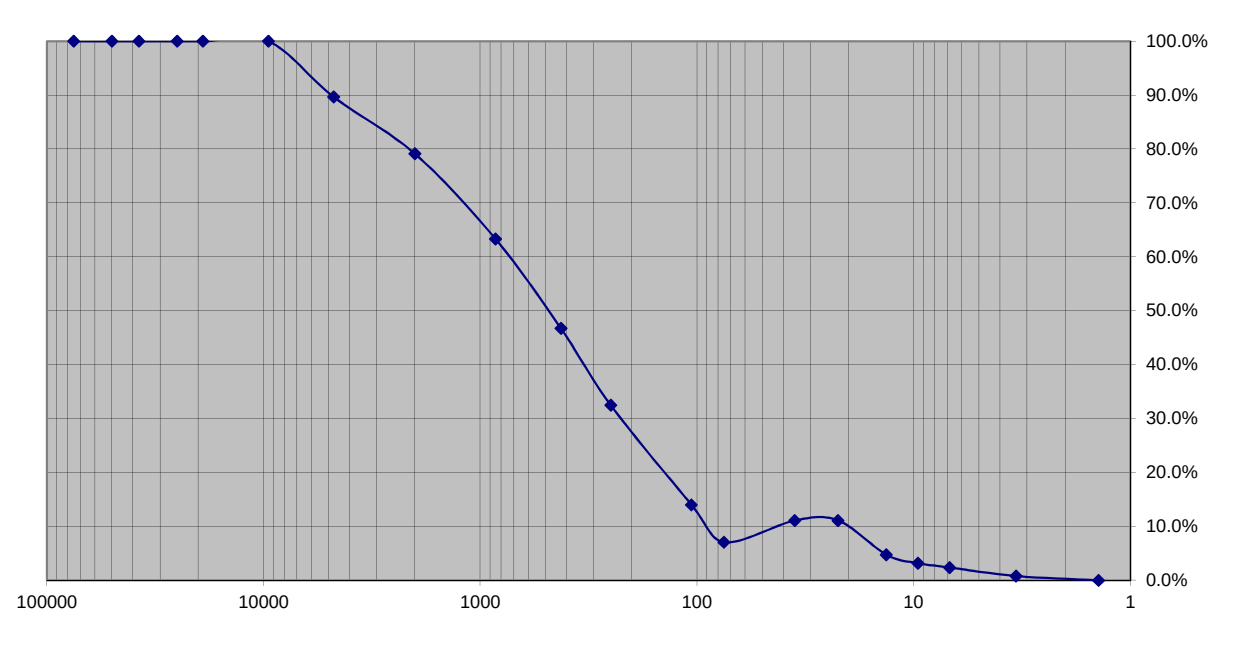
Grain Size ASTM D422

580-42819-6

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	89.7%	10.3%
#10	2000	79.1%	10.6%
#20	850	63.3%	15.8%
#40	425	46.8%	16.6%
#60	250	32.5%	14.3%
#140	106	14.0%	18.5%
#200	75	7.1%	6.9%
Hydrometer	35.332149	11.1%	-4.0%
Hydrometer	22.346013	11.1%	0.0%
Hydrometer	13.374214	4.8%	6.3%
Hydrometer	9.555	3.2%	1.6%
Hydrometer	6.825	2.4%	0.8%
Hydrometer	3.36577	0.8%	1.6%
Hydrometer	1.4024042	0.0%	0.8%

Soil Clasification Percent	580-42819-6
Gravel	10.3%
Sand	82.6%
Corse Sand	10.6%
Medium Sand	32.4%
Fine Sand	39.7%
Silt	4.7%
Clay	2.4%



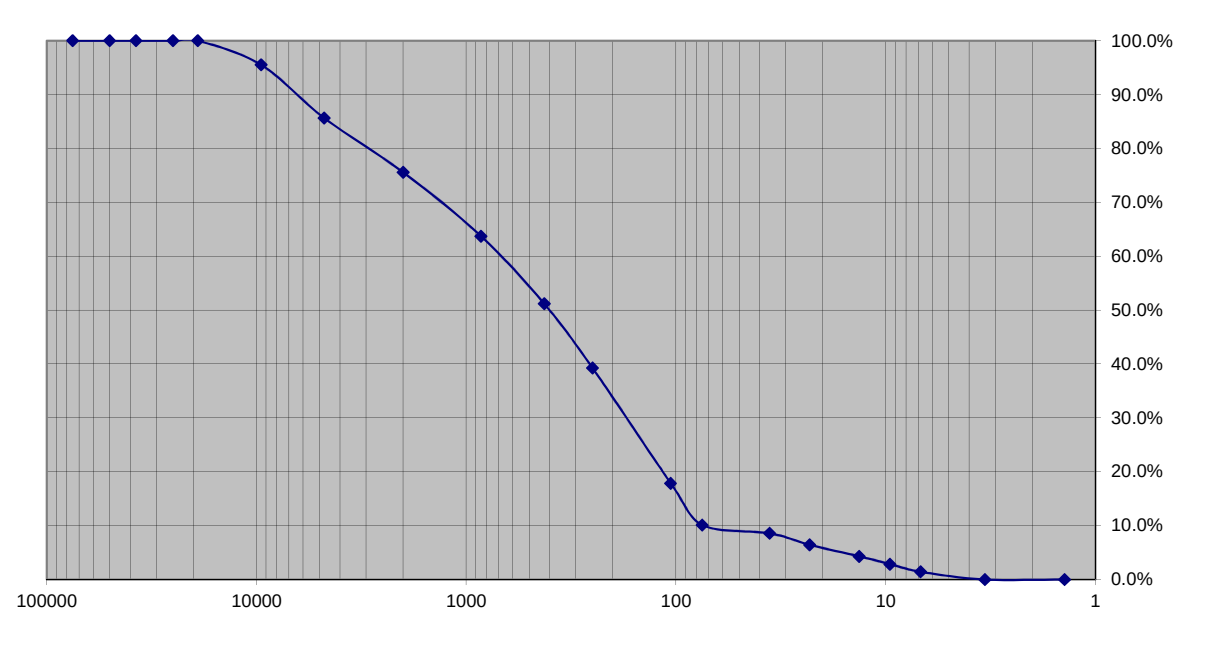
Grain Size ASTM D422

580-42819-7

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	95.5%	4.5%
#4	4750	85.7%	9.9%
#10	2000	75.6%	10.1%
#20	850	63.7%	11.9%
#40	425	51.2%	12.5%
#60	250	39.2%	11.9%
#140	106	17.9%	21.4%
#200	75	10.1%	7.8%
Hydrometer	35.72547	8.6%	1.5%
Hydrometer	23.00339	6.4%	2.1%
Hydrometer	13.37421	4.3%	2.1%
Hydrometer	9.555	2.9%	1.4%
Hydrometer	6.825	1.4%	1.4%
Hydrometer	3.36577	0.0%	1.4%
Hydrometer	1.402404	0.0%	0.0%

Soil Clasification Percent	580-42819-7
Gravel	14.3%
Sand	75.5%
Corse Sand	10.1%
Medium Sand	24.4%
Fine Sand	41.1%
Silt	8.7%
Clay	1.4%



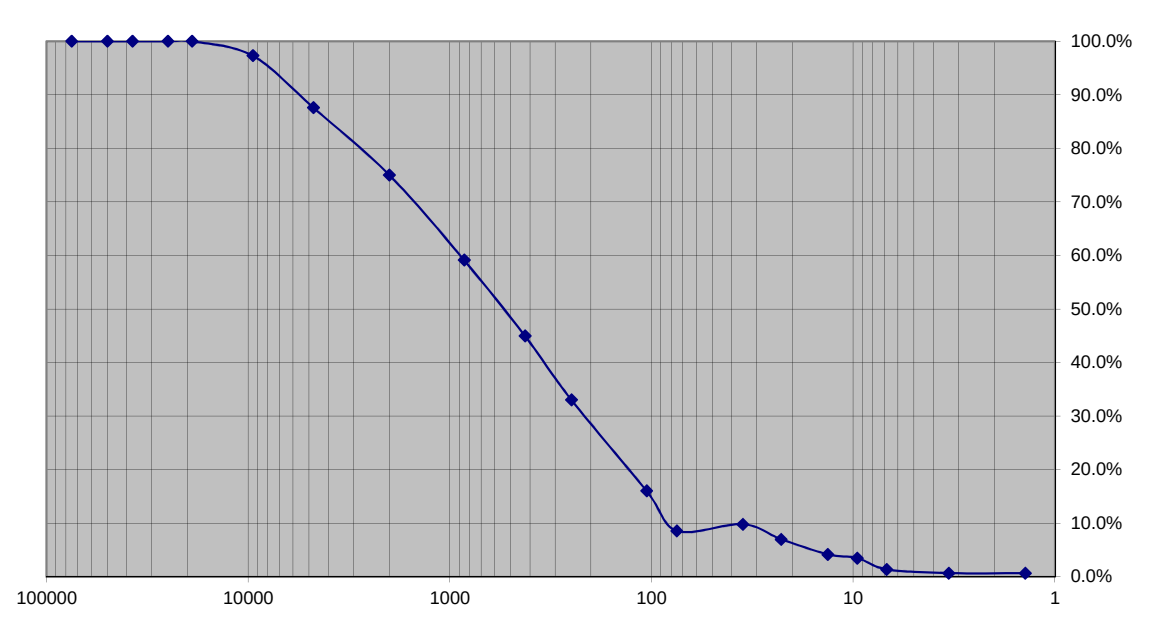
Grain Size ASTM D422

580-42819-8

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	97.3%	2.7%
#4	4750	87.6%	9.7%
#10	2000	75.1%	12.5%
#20	850	59.1%	15.9%
#40	425	45.0%	14.1%
#60	250	33.1%	12.0%
#140	106	16.1%	17.0%
#200	75	8.6%	7.5%
Hydrometer	35.33215	9.8%	-1.3%
Hydrometer	22.7591	7.0%	2.8%
Hydrometer	13.37421	4.2%	2.8%
Hydrometer	9.555	3.5%	0.7%
Hydrometer	6.825	1.4%	2.1%
Hydrometer	3.36577	0.7%	0.7%
Hydrometer	1.402404	0.7%	0.0%

Soil Clasification Percent	580-42819-8
Gravel	12.4%
Sand	79.0%
Corse Sand	12.5%
Medium Sand	30.0%
Fine Sand	36.4%
Silt	7.2%
Clay	1.4%



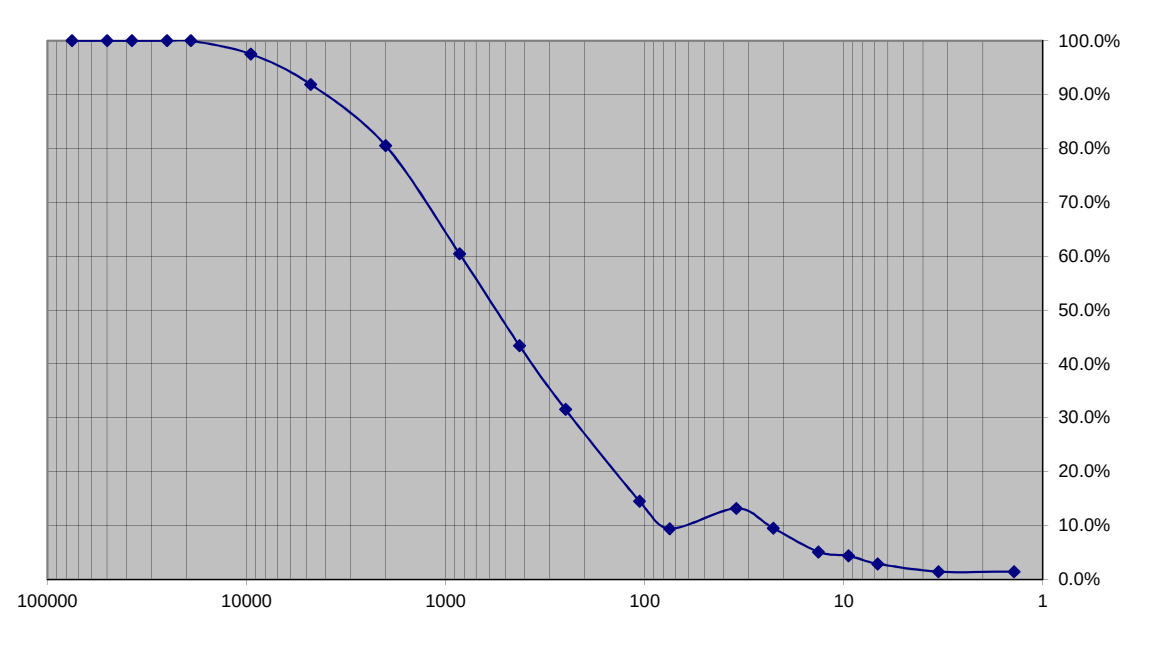
Grain Size ASTM D422

580-42819-9

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	97.5%	2.5%
#4	4750	91.9%	5.6%
#10	2000	80.5%	11.4%
#20	850	60.4%	20.1%
#40	425	43.4%	17.0%
#60	250	31.6%	11.8%
#140	106	14.5%	17.0%
#200	75	9.4%	5.1%
Hydrometer	34.6667	13.2%	-3.7%
Hydrometer	22.59477	9.5%	3.7%
Hydrometer	13.37421	5.1%	4.4%
Hydrometer	9.456997	4.4%	0.7%
Hydrometer	6.756405	2.9%	1.5%
Hydrometer	3.343553	1.5%	1.5%
Hydrometer	1.393147	1.5%	0.0%

Soil Clasification Percent	580-42819-9
Gravel	8.1%
Sand	82.5%
Corse Sand	11.4%
Medium Sand	37.1%
Fine Sand	33.9%
Silt	6.5%
Clay	2.9%



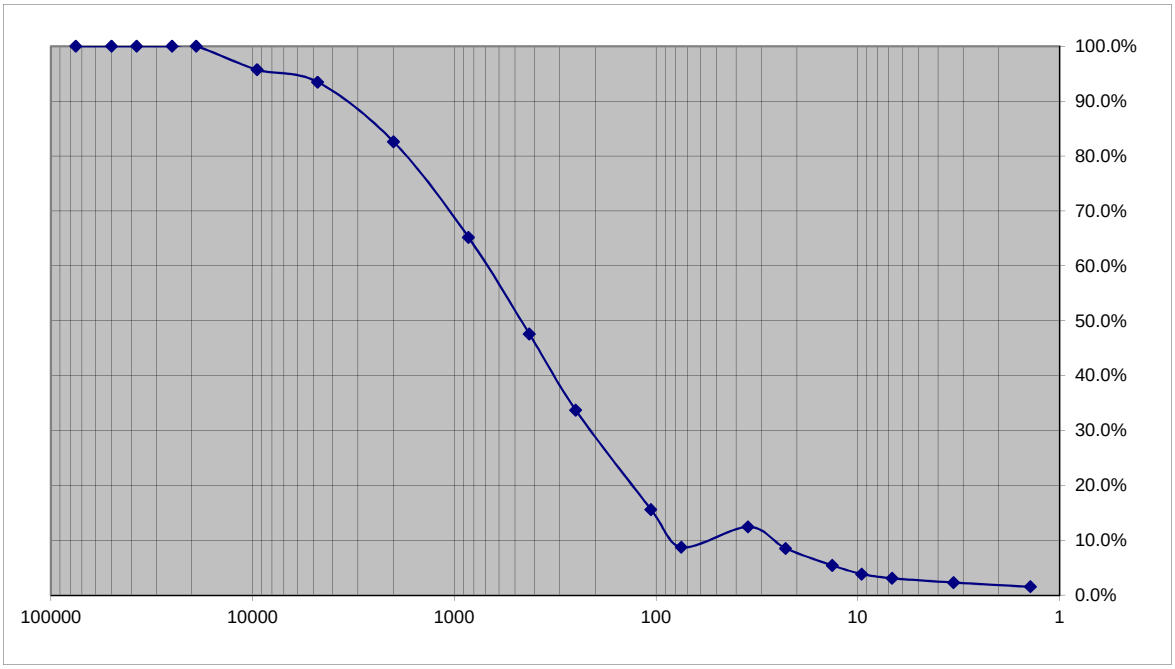
Grain Size ASTM D422

580-42819-10

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	95.8%	4.2%
#4	4750	93.5%	2.3%
#10	2000	82.6%	10.9%
#20	850	65.2%	17.4%
#40	425	47.6%	17.6%
#60	250	33.7%	13.9%
#140	106	15.7%	18.1%
#200	75	8.8%	6.9%
Hydrometer	34.9344	12.5%	-3.7%
Hydrometer	22.7591	8.6%	3.9%
Hydrometer	13.37421	5.5%	3.1%
Hydrometer	9.555	3.9%	1.6%
Hydrometer	6.756405	3.1%	0.8%
Hydrometer	3.343553	2.3%	0.8%
Hydrometer	1.393147	1.6%	0.8%

Soil Clasification Percent	580-42819-10
Gravel	6.5%
Sand	84.7%
Corse Sand	10.9%
Medium Sand	35.0%
Fine Sand	38.8%
Silt	5.7%
Clay	3.1%



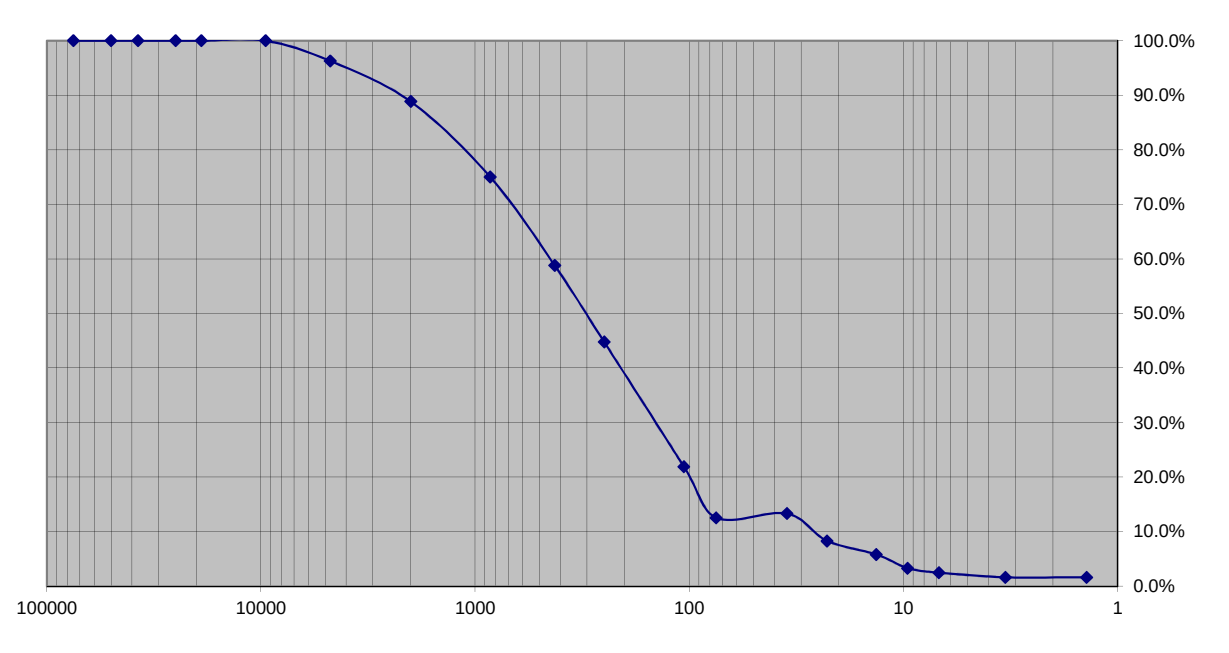
Grain Size ASTM D422

580-42819-11

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	96.3%	3.7%
#10	2000	88.9%	7.4%
#20	850	75.0%	13.8%
#40	425	58.8%	16.2%
#60	250	44.8%	14.0%
#140	106	21.9%	22.9%
#200	75	12.6%	9.4%
Hydrometer	34.934401	13.4%	-0.8%
Hydrometer	22.759098	8.3%	5.0%
Hydrometer	13.374214	5.8%	2.5%
Hydrometer	9.555	3.3%	2.5%
Hydrometer	6.825	2.5%	0.8%
Hydrometer	3.3435535	1.7%	0.8%
Hydrometer	1.3931473	1.7%	0.0%

Soil Clasification Percent	580-42819-11
Gravel	3.7%
Sand	83.7%
Corse Sand	7.4%
Medium Sand	30.0%
Fine Sand	46.2%
Silt	10.1%
Clay	2.5%



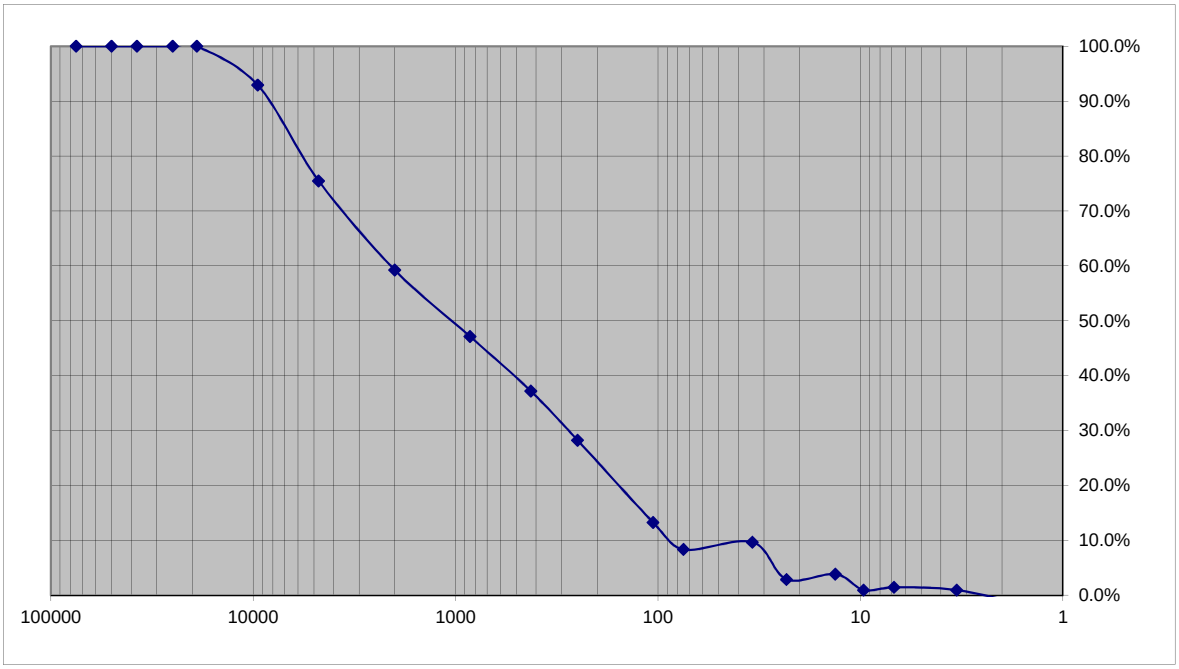
Grain Size ASTM D422

580-42819-12

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	92.9%	7.1%
#4	4750	75.5%	17.4%
#10	2000	59.3%	16.2%
#20	850	47.2%	12.1%
#40	425	37.2%	10.0%
#60	250	28.3%	8.9%
#140	106	13.3%	15.0%
#200	75	8.4%	4.9%
Hydrometer	34.26123	9.7%	-1.3%
Hydrometer	23.16482	2.9%	6.8%
Hydrometer	13.28101	3.9%	-1.0%
Hydrometer	9.652008	1.0%	2.9%
Hydrometer	6.825	1.5%	-0.5%
Hydrometer	3.343553	1.0%	0.5%
Hydrometer	1.429815	-1.9%	2.9%

Soil Clasification Percent	580-42819-12
Gravel	24.5%
Sand	67.1%
Corse Sand	16.2%
Medium Sand	22.1%
Fine Sand	28.8%
Silt	6.9%
Clay	1.5%



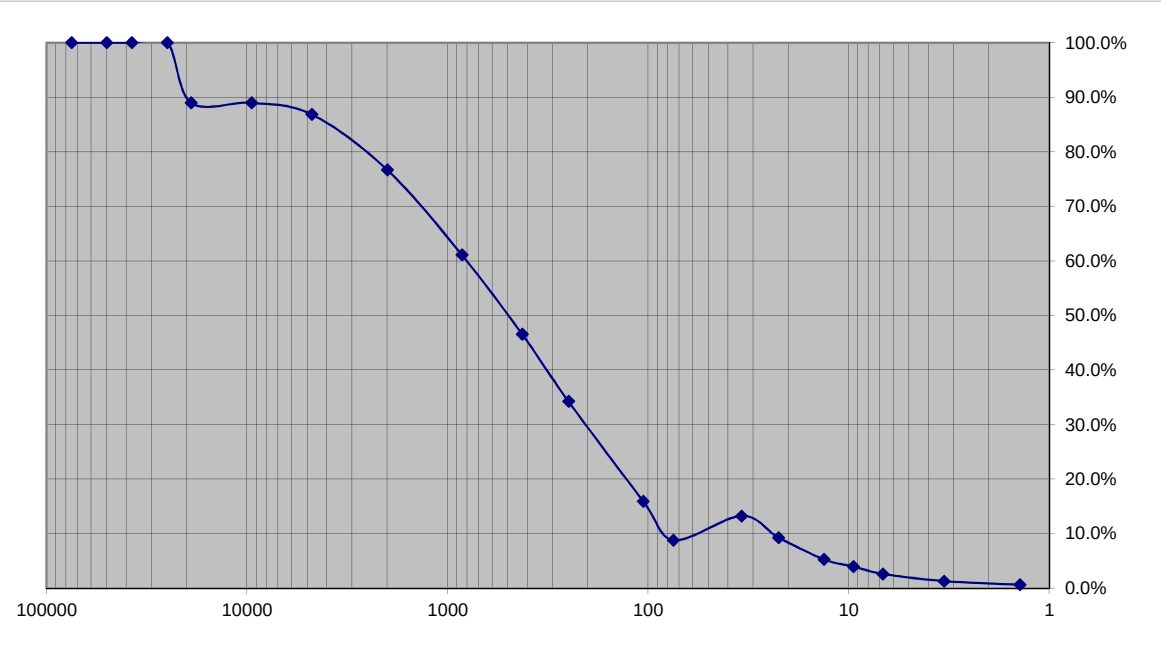
Grain Size ASTM D422

580-42819-13

Largest Partical Size 3/4 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	89.0%	11.0%
3/8 inch	9500	89.0%	0.0%
#4	4750	86.8%	2.1%
#10	2000	76.7%	10.1%
#20	850	61.1%	15.6%
#40	425	46.6%	14.6%
#60	250	34.3%	12.3%
#140	106	16.0%	18.3%
#200	75	8.8%	7.1%
Hydrometer	34.26123	13.3%	-4.5%
Hydrometer	22.34601	9.3%	4.0%
Hydrometer	13.28101	5.3%	4.0%
Hydrometer	9.456997	4.0%	1.3%
Hydrometer	6.756405	2.7%	1.3%
Hydrometer	3.343553	1.3%	1.3%
Hydrometer	1.402404	0.7%	0.7%

Soil Clasification Percent	580-42819-13
Gravel	13.2%
Sand	78.0%
Corse Sand	10.1%
Medium Sand	30.1%
Fine Sand	37.7%
Silt	6.2%
Clay	2.7%



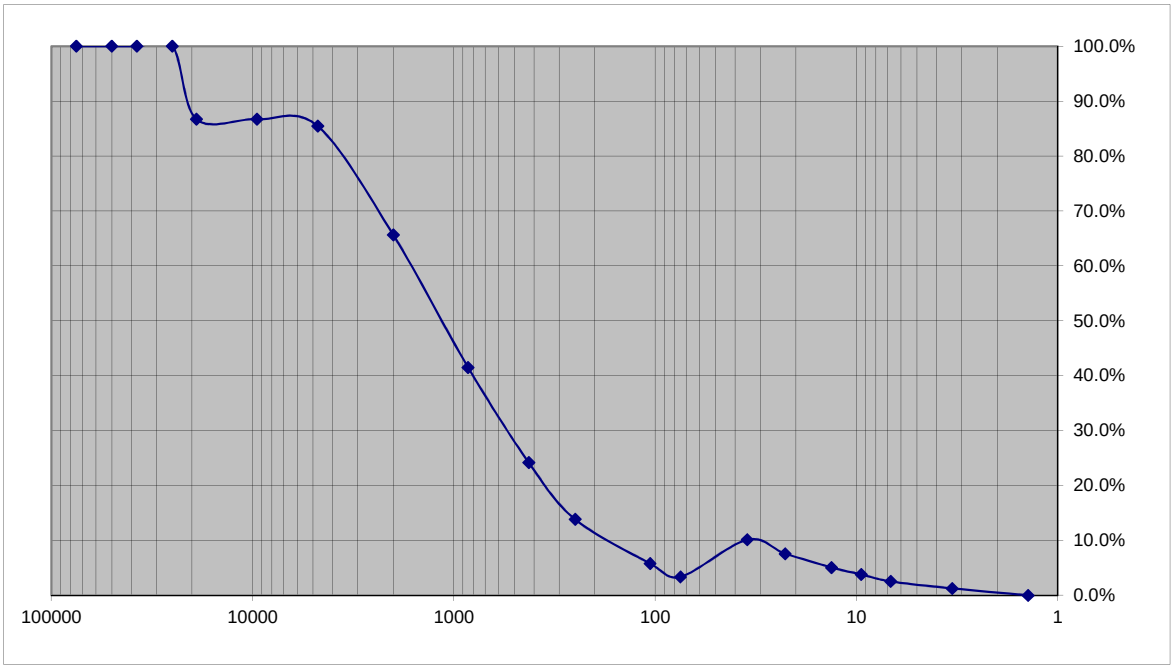
Grain Size ASTM D422

580-42819-14

Largest Partical Size 3/4 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	86.7%	13.3%
3/8 inch	9500	86.7%	0.0%
#4	4750	85.5%	1.3%
#10	2000	65.6%	19.8%
#20	850	41.5%	24.1%
#40	425	24.2%	17.3%
#60	250	13.8%	10.3%
#140	106	5.8%	8.1%
#200	75	3.4%	2.4%
Hydrometer	34.9344	10.1%	-6.8%
Hydrometer	22.59477	7.6%	2.5%
Hydrometer	13.28101	5.1%	2.5%
Hydrometer	9.456997	3.8%	1.3%
Hydrometer	6.756405	2.5%	1.3%
Hydrometer	3.343553	1.3%	1.3%
Hydrometer	1.402404	0.0%	1.3%

Soil Clasification Percent	580-42819-14
Gravel	14.5%
Sand	82.1%
Corse Sand	19.8%
Medium Sand	41.5%
Fine Sand	20.8%
Silt	0.8%
Clay	2.5%



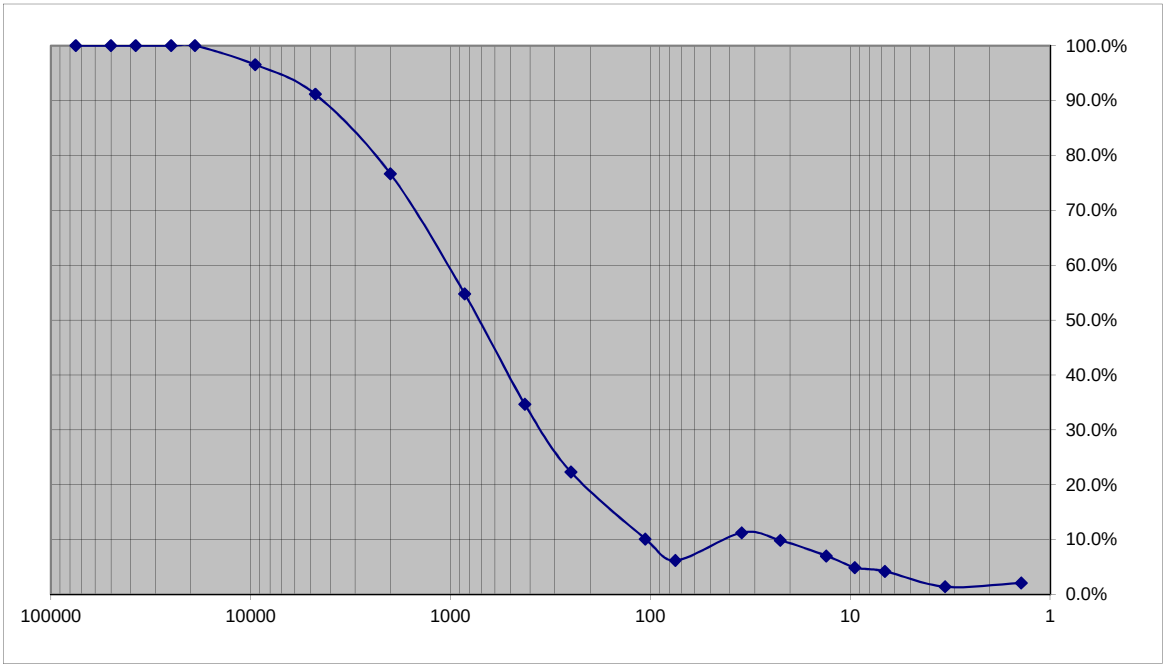
Grain Size ASTM D422

580-42819-15

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	96.6%	3.4%
#4	4750	91.1%	5.4%
#10	2000	76.6%	14.5%
#20	850	54.8%	21.9%
#40	425	34.7%	20.1%
#60	250	22.3%	12.4%
#140	106	10.1%	12.2%
#200	75	6.2%	3.9%
Hydrometer	34.9344	11.3%	-5.1%
Hydrometer	22.34601	9.9%	1.4%
Hydrometer	13.13997	7.0%	2.8%
Hydrometer	9.456997	4.9%	2.1%
Hydrometer	6.687107	4.2%	0.7%
Hydrometer	3.343553	1.4%	2.8%
Hydrometer	1.393147	2.1%	-0.7%

Soil Clasification Percent	580-42819-15
Gravel	8.9%
Sand	85.0%
Corse Sand	14.5%
Medium Sand	42.0%
Fine Sand	28.5%
Silt	2.0%
Clay	4.2%



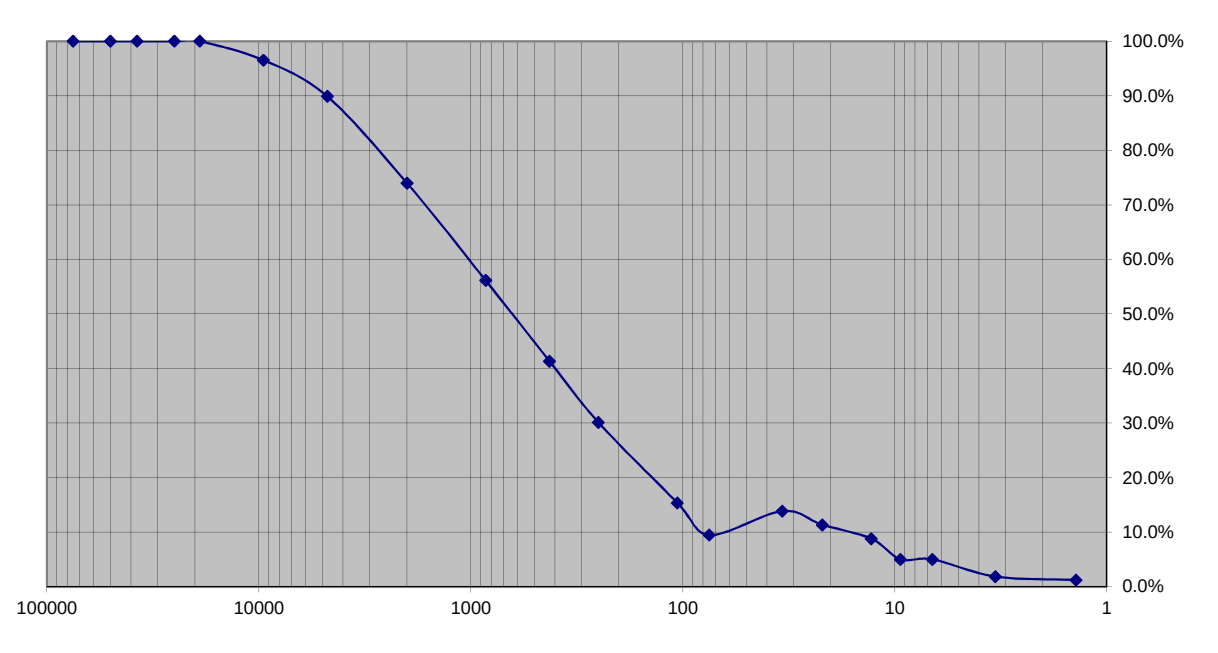
Grain Size ASTM D422

580-42819-16

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	96.5%	3.5%
#4	4750	89.9%	6.6%
#10	2000	74.0%	15.9%
#20	850	56.2%	17.9%
#40	425	41.4%	14.8%
#60	250	30.2%	11.2%
#140	106	15.4%	14.8%
#200	75	9.5%	5.9%
Hydrometer	33.850899	13.9%	-4.4%
Hydrometer	21.925147	11.4%	2.5%
Hydrometer	12.901477	8.9%	2.5%
Hydrometer	9.3910942	5.1%	3.8%
Hydrometer	6.6405064	5.1%	0.0%
Hydrometer	3.3435535	1.9%	3.2%
Hydrometer	1.3931473	1.3%	0.6%

Soil Clasification Percent	580-42819-16
Gravel	10.1%
Sand	80.4%
Corse Sand	15.9%
Medium Sand	32.6%
Fine Sand	31.9%
Silt	4.4%
Clay	5.1%



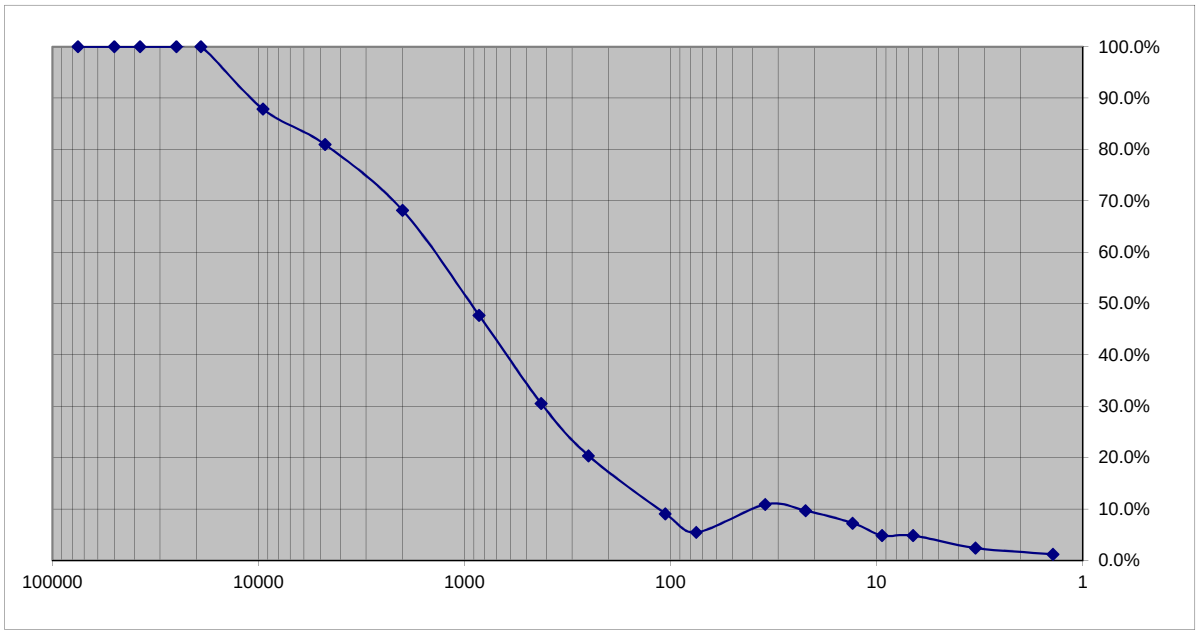
Grain Size ASTM D422

580-42819-17

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	87.9%	12.1%
#4	4750	81.0%	6.9%
#10	2000	68.2%	12.8%
#20	850	47.7%	20.4%
#40	425	30.6%	17.2%
#60	250	20.4%	10.2%
#140	106	9.1%	11.3%
#200	75	5.5%	3.6%
Hydrometer	34.6667	10.9%	-5.4%
Hydrometer	22.09446	9.7%	1.2%
Hydrometer	13.0451	7.3%	2.4%
Hydrometer	9.391094	4.8%	2.4%
Hydrometer	6.640506	4.8%	0.0%
Hydrometer	3.309949	2.4%	2.4%
Hydrometer	1.393147	1.2%	1.2%

Soil Clasification Percent	580-42819-17
Gravel	19.0%
Sand	75.5%
Corse Sand	12.8%
Medium Sand	37.6%
Fine Sand	25.1%
Silt	0.6%
Clay	4.8%



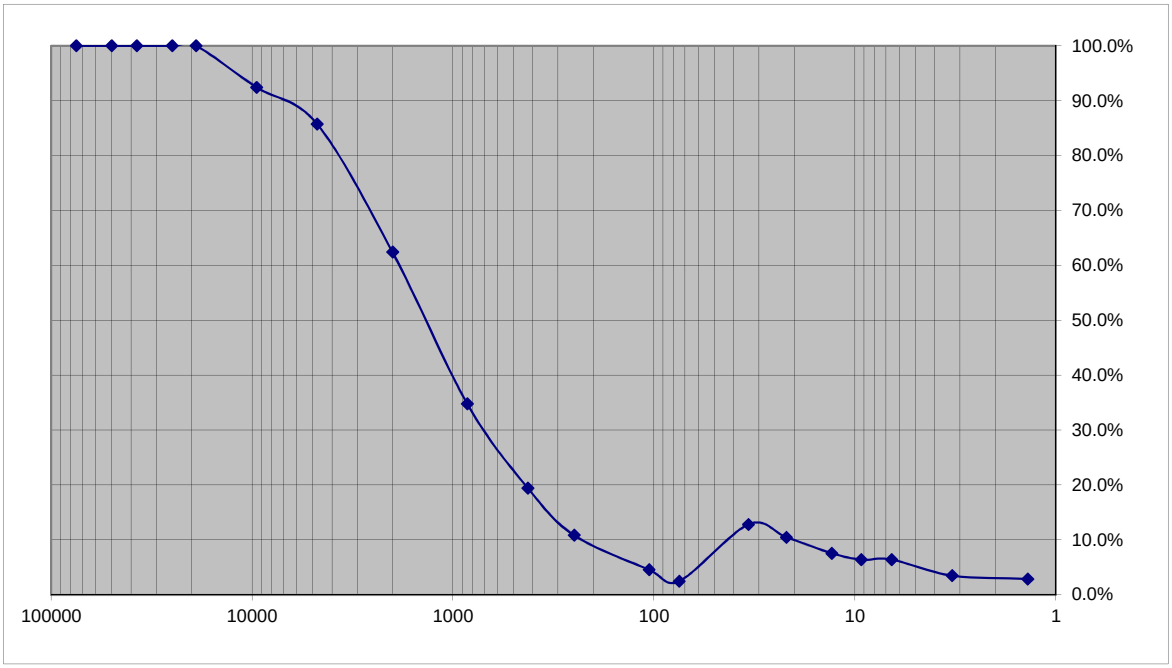
Grain Size ASTM D422

580-42819-18

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	92.4%	7.6%
#4	4750	85.8%	6.7%
#10	2000	62.4%	23.3%
#20	850	34.8%	27.6%
#40	425	19.5%	15.3%
#60	250	10.9%	8.6%
#140	106	4.6%	6.3%
#200	75	2.5%	2.1%
Hydrometer	33.8509	12.9%	-10.4%
Hydrometer	21.92515	10.5%	2.3%
Hydrometer	13.0451	7.6%	2.9%
Hydrometer	9.291363	6.4%	1.2%
Hydrometer	6.569986	6.4%	0.0%
Hydrometer	3.276	3.5%	2.9%
Hydrometer	1.379145	2.9%	0.6%

Soil Clasification Percent	580-42819-18
Gravel	14.2%
Sand	83.3%
Corse Sand	23.3%
Medium Sand	43.0%
Fine Sand	17.0%
Silt	-3.9%
Clay	6.4%



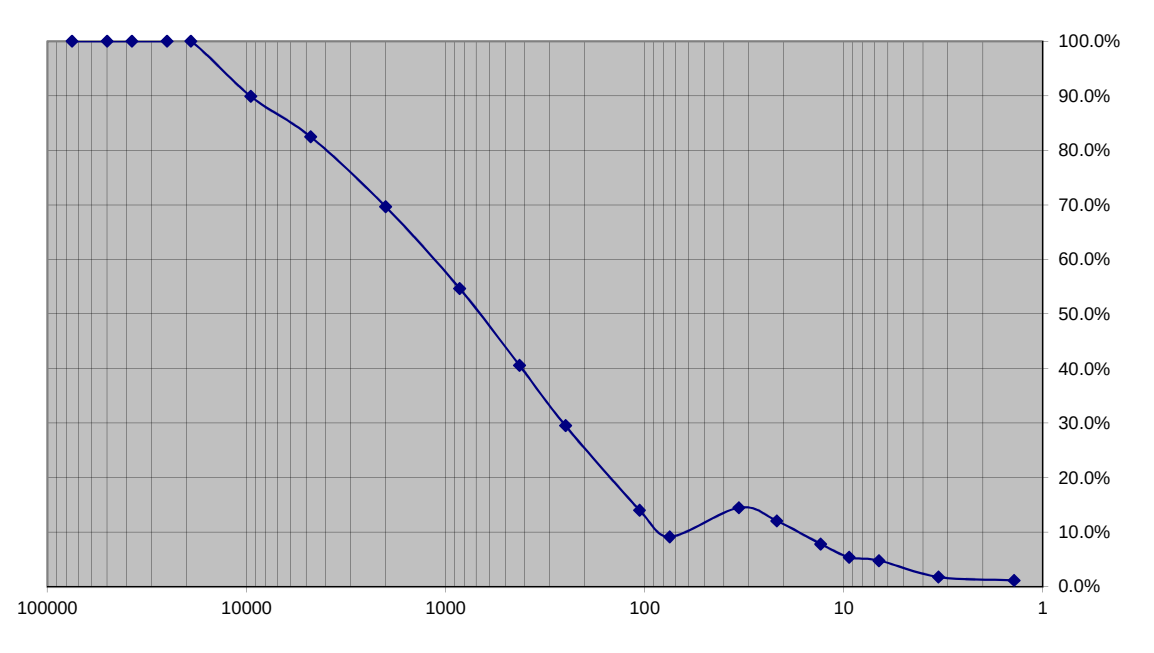
Grain Size ASTM D422

580-42819-19

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	89.9%	10.1%
#4	4750	82.5%	7.4%
#10	2000	69.7%	12.8%
#20	850	54.7%	15.0%
#40	425	40.6%	14.1%
#60	250	29.6%	11.0%
#140	106	14.1%	15.5%
#200	75	9.2%	4.9%
Hydrometer	33.57456	14.5%	-5.3%
Hydrometer	21.6687	12.1%	2.4%
Hydrometer	13.0451	7.9%	4.2%
Hydrometer	9.391094	5.4%	2.4%
Hydrometer	6.640506	4.8%	0.6%
Hydrometer	3.343553	1.8%	3.0%
Hydrometer	1.393147	1.2%	0.6%

Soil Clasification Percent	580-42819-19
Gravel	17.5%
Sand	73.3%
Corse Sand	12.8%
Medium Sand	29.1%
Fine Sand	31.4%
Silt	4.4%
Clay	4.8%



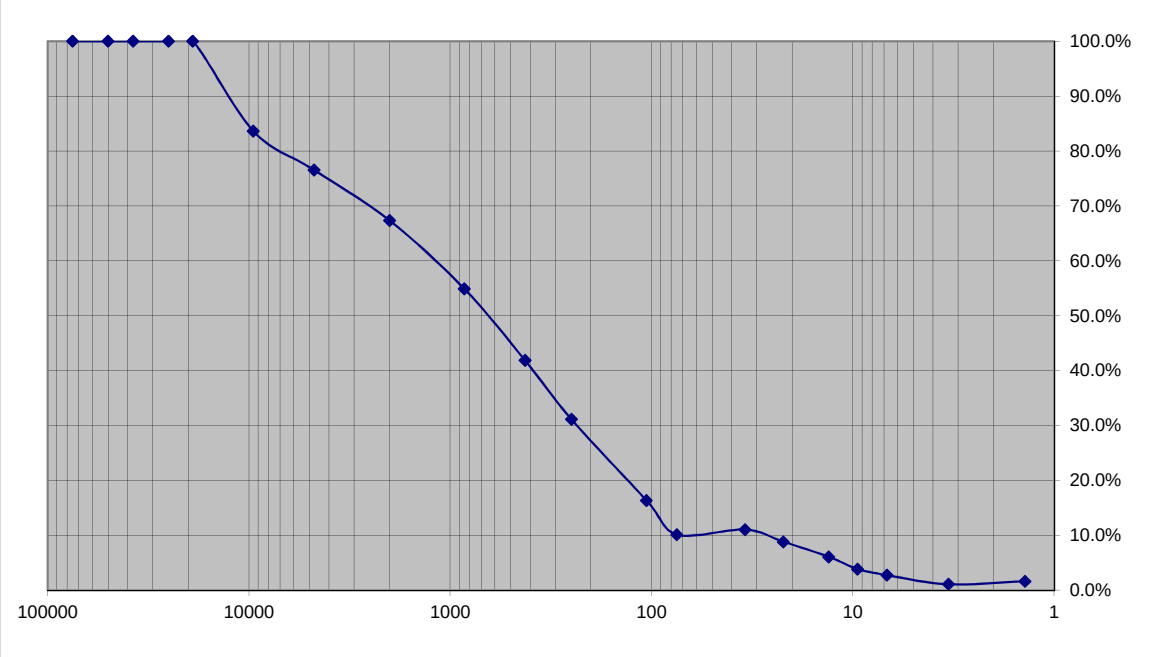
Grain Size ASTM D422

580-42819-20

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	83.6%	16.4%
#4	4750	76.6%	7.1%
#10	2000	67.4%	9.2%
#20	850	54.9%	12.5%
#40	425	41.9%	13.0%
#60	250	31.1%	10.7%
#140	106	16.4%	14.8%
#200	75	10.2%	6.2%
Hydrometer	34.26123	11.1%	-0.9%
Hydrometer	22.09446	8.8%	2.2%
Hydrometer	13.13997	6.1%	2.8%
Hydrometer	9.456997	3.9%	2.2%
Hydrometer	6.756405	2.8%	1.1%
Hydrometer	3.343553	1.1%	1.7%
Hydrometer	1.393147	1.7%	-0.6%

Soil Clasification Percent	580-42819-20
Gravel	23.4%
Sand	66.4%
Corse Sand	9.2%
Medium Sand	25.5%
Fine Sand	31.7%
Silt	7.4%
Clay	2.8%



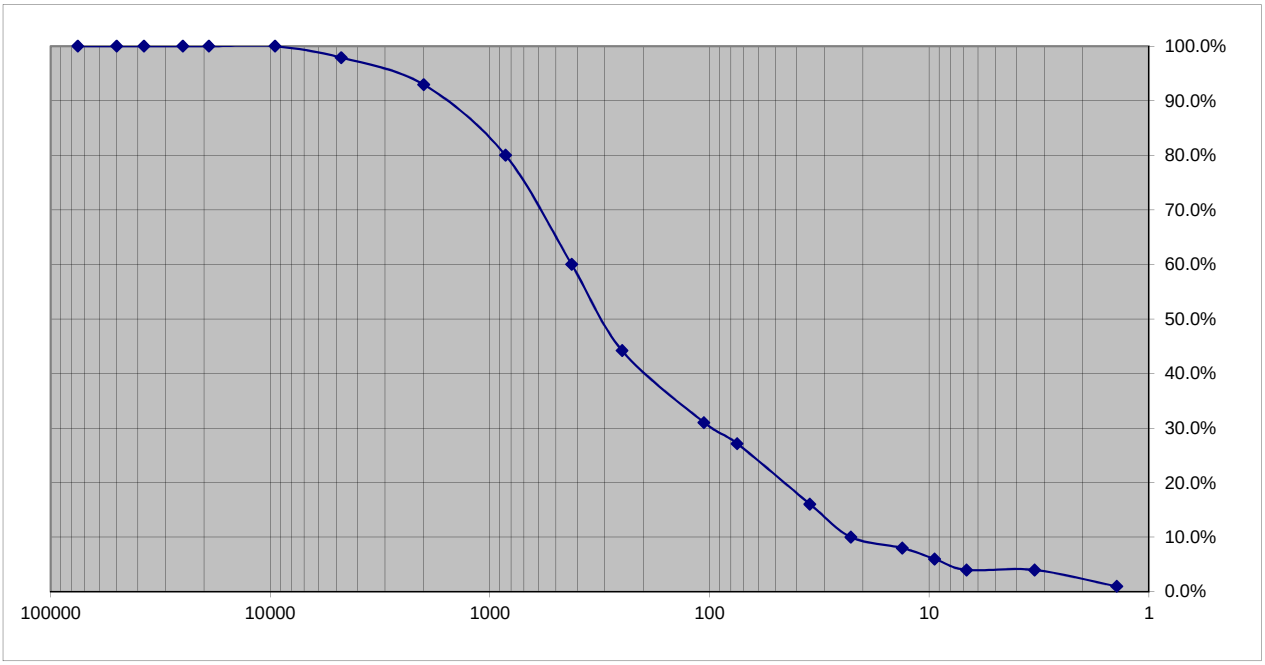
Grain Size ASTM D422

580-42819-21

Largest Partical Size #4

Partical Size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	97.9%	2.1%
#10	2000	92.9%	5.0%
#20	850	80.0%	12.9%
#40	425	60.0%	20.0%
#60	250	44.2%	15.8%
#140	106	31.0%	13.2%
#200	75	27.2%	3.8%
Hydrometer	35	16.1%	11.1%
Hydrometer	23	10.0%	6.0%
Hydrometer	13	8.0%	2.0%
Hydrometer	9	6.0%	2.0%
Hydrometer	7	4.0%	2.0%
Hydrometer	3	4.0%	0.0%
Hydrometer	1	1.0%	3.0%

Soil Clasification Percent	580-42819-21
Gravel	2.1%
Sand	70.7%
Corse Sand	5.0%
Medium Sand	32.9%
Fine Sand	32.8%
Silt	23.2%
Clay	4.0%



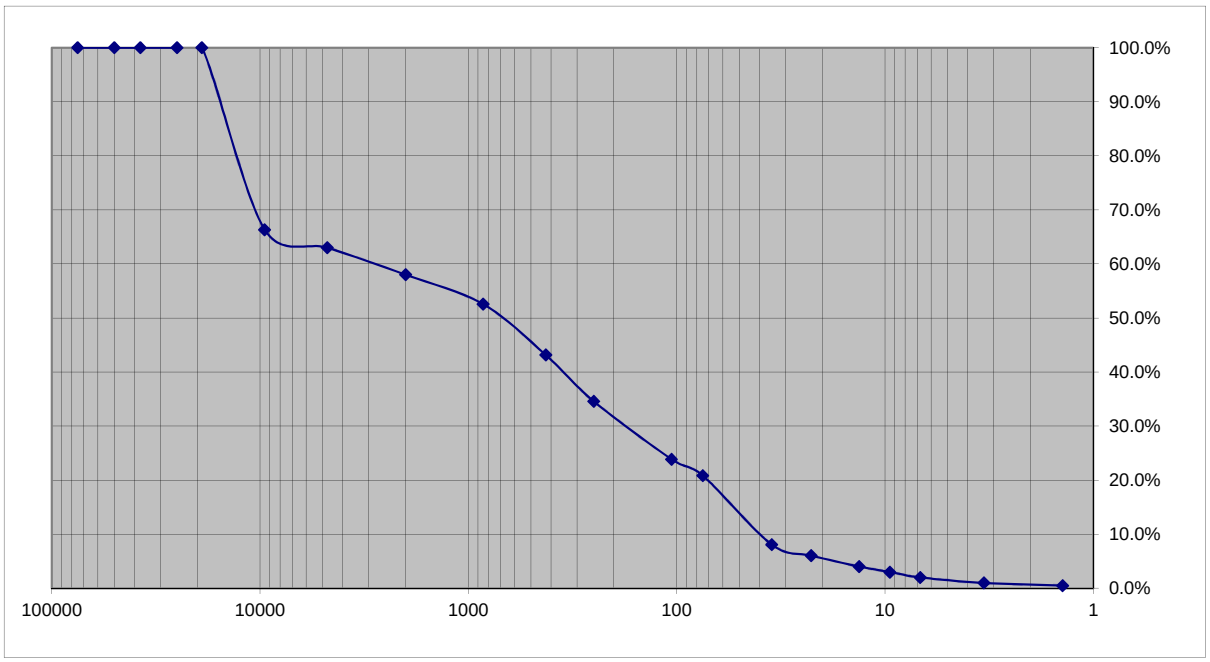
Grain Size ASTM D422

580-42819-22

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	66.4%	33.6%
#4	4750	63.0%	3.3%
#10	2000	58.0%	5.0%
#20	850	52.6%	5.4%
#40	425	43.2%	9.4%
#60	250	34.6%	8.6%
#140	106	23.9%	10.7%
#200	75	20.9%	3.0%
Hydrometer	34.9344	8.1%	12.8%
Hydrometer	22.59477	6.1%	2.0%
Hydrometer	13.28101	4.0%	2.0%
Hydrometer	9.456997	3.0%	1.0%
Hydrometer	6.756405	2.0%	1.0%
Hydrometer	3.343553	1.0%	1.0%
Hydrometer	1.402404	0.5%	0.5%

Soil Clasification Percent	580-42819-22
Gravel	37.0%
Sand	42.2%
Corse Sand	5.0%
Medium Sand	14.8%
Fine Sand	22.3%
Silt	18.8%
Clay	2.0%



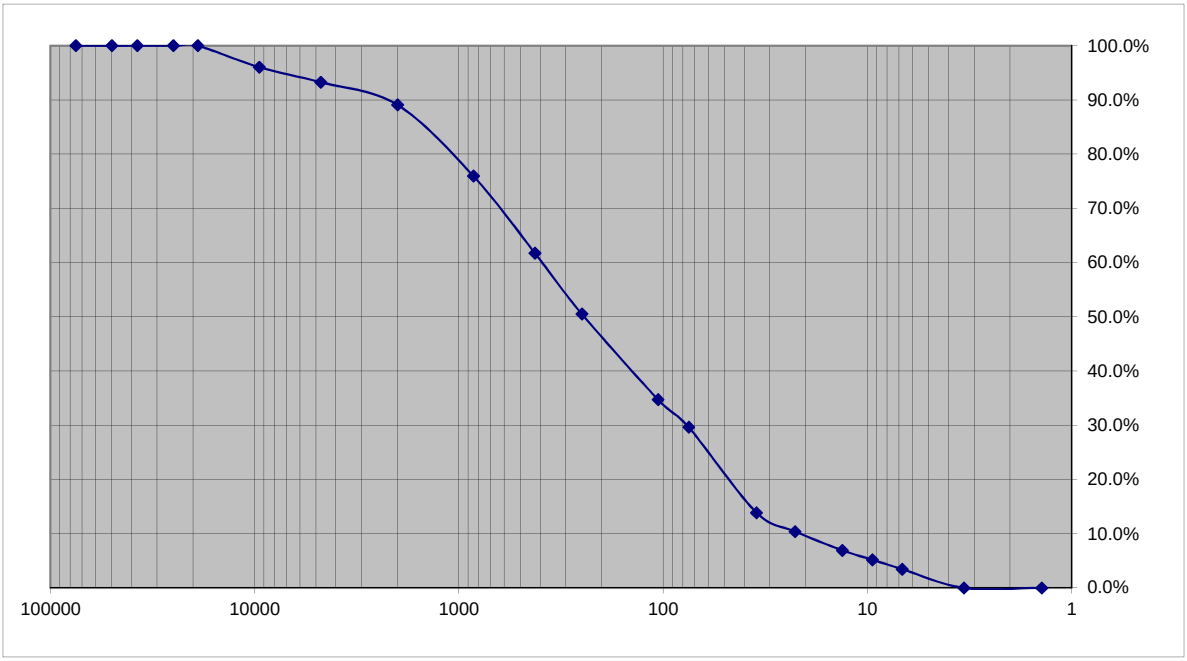
Grain Size ASTM D422

580-42819-23

Largest Partical Size 3/8 inch

Partical size		Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%	
2 inch	50000	100.0%	0.0%	
1.5 inch	37500	100.0%	0.0%	
1 inch	25000	100.0%	0.0%	
3/4 inch	19000	100.0%	0.0%	
3/8 inch	9500	96.1%	3.9%	
#4	4750	93.3%	2.8%	
#10	2000	89.1%	4.2%	
#20	850	76.0%	13.1%	
#40	425	61.8%	14.2%	
#60	250	50.5%	11.2%	
#140	106	34.8%	15.8%	
#200	75	29.6%	5.1%	
Hydrometer	34.9344	13.9%	15.8%	
Hydrometer	22.59477	10.4%	3.5%	
Hydrometer	13.28101	6.9%	3.5%	
Hydrometer	9.456997	5.2%	1.7%	
Hydrometer	6.756405	3.5%	1.7%	
Hydrometer	3.36577	0.0%	3.5%	
Hydrometer	1.402404	0.0%	0.0%	

Soil Clasification Percent	580-42819-23
Gravel	6.7%
Sand	63.6%
Corse Sand	4.2%
Medium Sand	27.3%
Fine Sand	32.1%
Silt	26.2%
Clay	3.5%



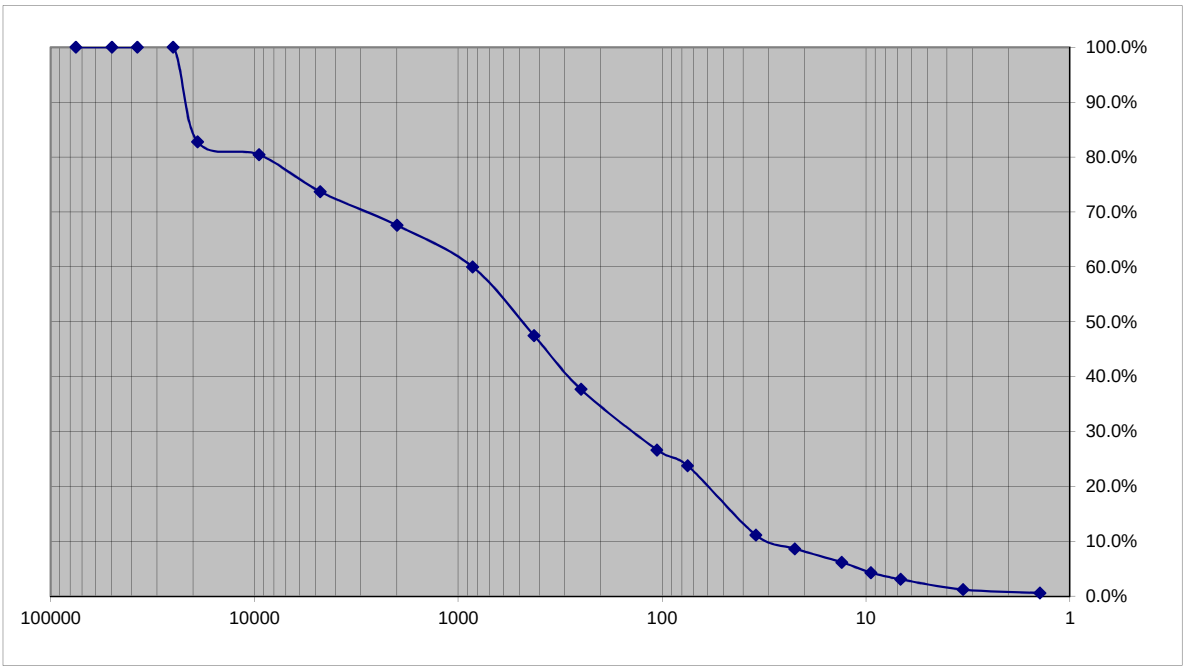
Grain Size ASTM D422

580-42819-24

Largest Partical Size 3/4 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	82.8%	17.2%
3/8 inch	9500	80.5%	2.3%
#4	4750	73.7%	6.8%
#10	2000	67.6%	6.1%
#20	850	60.0%	7.6%
#40	425	47.5%	12.5%
#60	250	37.7%	9.8%
#140	106	26.7%	11.0%
#200	75	23.8%	2.9%
Hydrometer	34.6667	11.2%	12.6%
Hydrometer	22.34601	8.7%	2.5%
Hydrometer	13.13997	6.2%	2.5%
Hydrometer	9.456997	4.3%	1.9%
Hydrometer	6.756405	3.1%	1.2%
Hydrometer	3.343553	1.2%	1.9%
Hydrometer	1.402404	0.6%	0.6%

Soil Clasification Percent	580-42819-24
Gravel	26.3%
Sand	49.9%
Corse Sand	6.1%
Medium Sand	20.1%
Fine Sand	23.7%
Silt	20.7%
Clay	3.1%



HXC0055

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Lead (6010B)	Grain Size (ASTM D-422/421)	Sample Specific Notes:
WI-1A	2/27/2014		G	Soil	1		Y	X	X	HXC0055-01
WI-2A	2/27/2014		G	Soil	1		Y	X	X	-02
WI-3A	2/27/2014		G	Soil	1		Y	X	X	-03
WI-4A	2/27/2014		G	Soil	1		Y	X	X	-04
WI-5A	2/27/2014		G	Soil	1		Y	X	X	-05
WI-6A	2/27/2014		G	Soil	1		Y	X	X	-06
WI-7A	2/27/2014		G	Soil	1		Y	X	X	-07
WI-8A	2/27/2014		G	Soil	1		Y	X	X	-08
WI-9A	2/27/2014		G	Soil	1		Y	X	X	-09
WI-10A	2/27/2014		G	Soil	1		Y	X	X	-10
WI-11A	2/27/2014		G	Soil	1		Y	X	X	-11
WI-12A	2/27/2014		G	Soil	1		Y	X	X	-12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
* Send invoices to Tetratech ATT: Eric Jensen
*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/27/14 1:30 pm	[signature]	GTH	2/27/14 13:30
[signature]	GTH	3/14/14 16:10	Kristie Reilly [signature]	TA Hon	3/14/14 16:10 28°C intact no ice
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0055

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Grain Size (ASTM D-422/421)	Sample Specific Notes:
WI-13A	2/27/2014		G	Soil	1		Y	X	X	HXC0055-13
WI-14A	2/27/2014		G	Soil	1		Y	X	X	-14
WI-15A	2/27/2014		G	Soil	1		Y	X	X	-15
WI-16A	2/27/2014		G	Soil	1		Y	X	X	-16
WI-17A	2/27/2014		G	Soil	1		Y	X	X	-17
WI-18A	2/27/2014		G	Soil	1		Y	X	X	-18
WI-19A	2/27/2014		G	Soil	1		Y	X	X	-19
WI-20A	2/27/2014		G	Soil	1		Y	X	X	-20
WI-21A	2/27/2014		G	Soil	1		Y	X	X	-21
WI-22A	2/27/2014		G	Soil	1		Y	X	X	-22
WI-23A	2/27/2014		G	Soil	1		Y	X	X	-23
WI-24A	2/27/2014		G	Soil	1		Y	X	X	-24

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/27/14 1:30	[signature]	GTH	2/27/14 13:30
Relinquished by: [signature]	Company: GTH	Date/Time: 3/14/14 16:10	Received by: Kristie Reilly [signature]	Company: TAHon	Date/Time: 3/14/14 16:10 28°C intact no ice
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH HEER **Date/ Time Received:** 3/14/14 1610

Received By: KR

Matrices: Soil **Carrier:** contractor **Airbill# :**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☒	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 28 °C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXB0102
Client Project/Site: TO-402
Client Project Description: Waipahu Incinerator Lead Study

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
4/1/2014 5:27:04 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Job ID: HXB0102

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 25 degrees C.
TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 3/3/2014 8:50 AM; the samples arrived in good condition. The temperatures of the 2 coolers at receipt time were 13.0º C and 15.0º C.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXB0102-01	WI - 1B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-02	WI - 1C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-03	WI - 1D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-04	WI - 1E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-05	WI - 2B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-06	WI - 2C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-07	WI - 2D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-08	WI - 2E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-09	WI - 3B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-10	WI - 3C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-11	WI - 3D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-12	WI - 3E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-13	WI - 4B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-14	WI - 4C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-15	WI - 4D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-16	WI - 4E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-17	WI - 5B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-18	WI - 5C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-19	WI - 5D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-20	WI - 5E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-21	WI - 6B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-22	WI - 6C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-23	WI - 6D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-24	WI - 6E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-25	WI - 7B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-26	WI - 7C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-27	WI - 7D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-28	WI - 7E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-29	WI - 8B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-30	WI - 8C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-31	WI - 8D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-32	WI - 8E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-33	WI - 9B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-34	WI - 9C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-35	WI - 9D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-36	WI - 9E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-37	WI - 10B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-38	WI - 10C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-39	WI - 10D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-40	WI - 10E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-41	WI - 11B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-42	WI - 11C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-43	WI - 11D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-44	WI - 11E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-45	WI - 12B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-46	WI - 12C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-47	WI - 12D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-48	WI - 12E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-49	WI - 13B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-50	WI - 13C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-51	WI - 13D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-52	WI - 13E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-53	WI - 14B	Solid/Soil	02/27/14 11:30	02/28/14 11:58

Sample Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXB0102-54	WI - 14C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-55	WI - 14D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-56	WI - 14E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-57	WI - 15B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-58	WI - 15C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-59	WI - 15D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-60	WI - 15E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-61	WI - 16B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-62	WI - 16C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-63	WI - 16D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-64	WI - 16E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-65	WI - 17B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-66	WI - 17C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-67	WI - 17D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-68	WI - 17E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-69	WI - 18B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-70	WI - 18C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-71	WI - 18D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-72	WI - 18E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-73	WI - 19B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-74	WI - 19C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-75	WI - 19D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-76	WI - 19E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-77	WI - 20B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-78	WI - 20C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-79	WI - 20D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-80	WI - 20E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-81	WI - 21B	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-82	WI - 21C	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-83	WI - 21D	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-84	WI - 21E	Solid/Soil	02/27/14 11:30	02/28/14 11:58
HXB0102-85	WI - 22B	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-86	WI - 22C	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-87	WI - 22D	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-88	WI - 22E	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-89	WI - 23B	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-90	WI - 23C	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-91	WI - 23D	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-92	WI - 23E	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-93	WI - 24B	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-94	WI - 24C	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-95	WI - 24D	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0102-96	WI - 24E	Solid/Soil	02/27/14 00:00	02/28/14 11:58

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 1B — Lab Sample ID: HXB0102-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	120		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 1C — Lab Sample ID: HXB0102-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 1D — Lab Sample ID: HXB0102-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 1E — Lab Sample ID: HXB0102-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	150		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 2B — Lab Sample ID: HXB0102-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 2C — Lab Sample ID: HXB0102-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 2D — Lab Sample ID: HXB0102-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	77		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 2E — Lab Sample ID: HXB0102-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 3B — Lab Sample ID: HXB0102-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	330		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 3C — Lab Sample ID: HXB0102-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	320		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 3D — Lab Sample ID: HXB0102-11

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 3D (Continued) — Lab Sample ID: HXB0102-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	410		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 3E — Lab Sample ID: HXB0102-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	420		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 4B — Lab Sample ID: HXB0102-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	360		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 4C — Lab Sample ID: HXB0102-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	500		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 4D — Lab Sample ID: HXB0102-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	680		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 4E — Lab Sample ID: HXB0102-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	740		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 5B — Lab Sample ID: HXB0102-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	96		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 5C — Lab Sample ID: HXB0102-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	95		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 5D — Lab Sample ID: HXB0102-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	160		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 5E — Lab Sample ID: HXB0102-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	58		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 6B — Lab Sample ID: HXB0102-21

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 6B (Continued) — Lab Sample ID: HXB0102-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	98		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 6C — Lab Sample ID: HXB0102-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	310		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 6D — Lab Sample ID: HXB0102-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 6E — Lab Sample ID: HXB0102-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	270		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 7B — Lab Sample ID: HXB0102-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 7C — Lab Sample ID: HXB0102-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	120		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 7D — Lab Sample ID: HXB0102-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	260		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 7E — Lab Sample ID: HXB0102-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	800		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 8B — Lab Sample ID: HXB0102-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	380		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 8C — Lab Sample ID: HXB0102-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	610		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 8D — Lab Sample ID: HXB0102-31

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 8D (Continued) — Lab Sample ID: HXB0102-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 8E — Lab Sample ID: HXB0102-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	390		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 9B — Lab Sample ID: HXB0102-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	94		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 9C — Lab Sample ID: HXB0102-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	160		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 9D — Lab Sample ID: HXB0102-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	98		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 9E — Lab Sample ID: HXB0102-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	96		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 10B — Lab Sample ID: HXB0102-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	180		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 10C — Lab Sample ID: HXB0102-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 10D — Lab Sample ID: HXB0102-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	140		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 10E — Lab Sample ID: HXB0102-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 11B — Lab Sample ID: HXB0102-41

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 11B (Continued) — Lab Sample ID: HXB0102-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 11C — Lab Sample ID: HXB0102-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	430		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 11D — Lab Sample ID: HXB0102-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 11E — Lab Sample ID: HXB0102-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	290		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 12B — Lab Sample ID: HXB0102-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 12C — Lab Sample ID: HXB0102-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 12D — Lab Sample ID: HXB0102-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	590		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 12E — Lab Sample ID: HXB0102-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	500		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 13B — Lab Sample ID: HXB0102-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	250		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 13C — Lab Sample ID: HXB0102-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 13D — Lab Sample ID: HXB0102-51

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 13D (Continued) — Lab Sample ID: HXB0102-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	180		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 13E — Lab Sample ID: HXB0102-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	95		2.7		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 14B — Lab Sample ID: HXB0102-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 14C — Lab Sample ID: HXB0102-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	260		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 14D — Lab Sample ID: HXB0102-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 14E — Lab Sample ID: HXB0102-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	250		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 15B — Lab Sample ID: HXB0102-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 15C — Lab Sample ID: HXB0102-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 15D — Lab Sample ID: HXB0102-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	210		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 15E — Lab Sample ID: HXB0102-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	250		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 16B — Lab Sample ID: HXB0102-61

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 16B (Continued) — Lab Sample ID: HXB0102-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	340		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 16C — Lab Sample ID: HXB0102-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	340		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 16D — Lab Sample ID: HXB0102-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	540		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 16E — Lab Sample ID: HXB0102-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	500		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 17B — Lab Sample ID: HXB0102-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	350		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 17C — Lab Sample ID: HXB0102-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	320		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 17D — Lab Sample ID: HXB0102-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	340		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 17E — Lab Sample ID: HXB0102-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	190		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 18B — Lab Sample ID: HXB0102-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	270		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 18C — Lab Sample ID: HXB0102-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 18D — Lab Sample ID: HXB0102-71

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 18D (Continued) — Lab Sample ID: HXB0102-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	310		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 18E — Lab Sample ID: HXB0102-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	620		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 19B — Lab Sample ID: HXB0102-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	310		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 19C — Lab Sample ID: HXB0102-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	480		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 19D — Lab Sample ID: HXB0102-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	370		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 19E — Lab Sample ID: HXB0102-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	610		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 20B — Lab Sample ID: HXB0102-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	430		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 20C — Lab Sample ID: HXB0102-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	680		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 20D — Lab Sample ID: HXB0102-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	490		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 20E — Lab Sample ID: HXB0102-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	560		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 21B — Lab Sample ID: HXB0102-81

This Detection Summary does not include radiochemical test results.

Client Sample ID: WI - 21B (Continued) — Lab Sample ID: HXB0102-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	170		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 21C — Lab Sample ID: HXB0102-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	170		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 21D — Lab Sample ID: HXB0102-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 21E — Lab Sample ID: HXB0102-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	170		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 22B — Lab Sample ID: HXB0102-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	200		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 22C — Lab Sample ID: HXB0102-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	260		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 22D — Lab Sample ID: HXB0102-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	160		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 22E — Lab Sample ID: HXB0102-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	190		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 23B — Lab Sample ID: HXB0102-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	230		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 23C — Lab Sample ID: HXB0102-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	180		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 23D — Lab Sample ID: HXB0102-91

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 23D (Continued) — Lab Sample ID: HXB0102-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	150		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 23E — Lab Sample ID: HXB0102-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	160		3.0		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 24B — Lab Sample ID: HXB0102-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 24C — Lab Sample ID: HXB0102-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	250		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 24D — Lab Sample ID: HXB0102-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	300		2.8		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - 24E — Lab Sample ID: HXB0102-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	270		2.9		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 1B
Lab Sample ID: HXB0102-01
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		2.9		mg/Kg		03/18/14 10:52	03/18/14 16:36	10

Client Sample ID: WI - 1C
Lab Sample ID: HXB0102-02
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.9		mg/Kg		03/18/14 10:52	03/18/14 16:57	10

Client Sample ID: WI - 1D
Lab Sample ID: HXB0102-03
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:00	10

Client Sample ID: WI - 1E
Lab Sample ID: HXB0102-04
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	150		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:04	10

Client Sample ID: WI - 2B
Lab Sample ID: HXB0102-05
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:07	10

Client Sample ID: WI - 2C
Lab Sample ID: HXB0102-06
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:11	10

Client Sample ID: WI - 2D
Lab Sample ID: HXB0102-07
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	77		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:14	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 2E
Lab Sample ID: HXB0102-08
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:18	10

Client Sample ID: WI - 3B
Lab Sample ID: HXB0102-09
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	330		2.9		mg/Kg		03/18/14 10:52	03/18/14 17:22	10

Client Sample ID: WI - 3C
Lab Sample ID: HXB0102-10
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	320		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:25	10

Client Sample ID: WI - 3D
Lab Sample ID: HXB0102-11
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	410		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:35	10

Client Sample ID: WI - 3E
Lab Sample ID: HXB0102-12
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	420		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:38	10

Client Sample ID: WI - 4B
Lab Sample ID: HXB0102-13
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	360		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:42	10

Client Sample ID: WI - 4C
Lab Sample ID: HXB0102-14
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	500		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:46	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 4D
Lab Sample ID: HXB0102-15
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	680		2.9		mg/Kg		03/18/14 10:52	03/18/14 17:49	10

Client Sample ID: WI - 4E
Lab Sample ID: HXB0102-16
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	740		2.8		mg/Kg		03/18/14 10:52	03/18/14 17:53	10

Client Sample ID: WI - 5B
Lab Sample ID: HXB0102-17
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	96		2.9		mg/Kg		03/18/14 10:52	03/18/14 17:56	10

Client Sample ID: WI - 5C
Lab Sample ID: HXB0102-18
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	95		2.9		mg/Kg		03/18/14 10:52	03/18/14 18:00	10

Client Sample ID: WI - 5D
Lab Sample ID: HXB0102-19
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		2.9		mg/Kg		03/18/14 10:52	03/18/14 18:03	10

Client Sample ID: WI - 5E
Lab Sample ID: HXB0102-20
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	58		2.8		mg/Kg		03/18/14 10:52	03/18/14 18:06	10

Client Sample ID: WI - 6B
Lab Sample ID: HXB0102-21
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	98		2.9		mg/Kg		03/18/14 12:49	03/19/14 13:34	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 6C
Lab Sample ID: HXB0102-22
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	310		2.9		mg/Kg		03/18/14 12:49	03/19/14 13:55	10

Client Sample ID: WI - 6D
Lab Sample ID: HXB0102-23
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.9		mg/Kg		03/18/14 12:49	03/19/14 13:59	10

Client Sample ID: WI - 6E
Lab Sample ID: HXB0102-24
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	270		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:02	10

Client Sample ID: WI - 7B
Lab Sample ID: HXB0102-25
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:05	10

Client Sample ID: WI - 7C
Lab Sample ID: HXB0102-26
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:09	10

Client Sample ID: WI - 7D
Lab Sample ID: HXB0102-27
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	260		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:13	10

Client Sample ID: WI - 7E
Lab Sample ID: HXB0102-28
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	800		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:16	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 8B
Lab Sample ID: HXB0102-29
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	380		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:19	10

Client Sample ID: WI - 8C
Lab Sample ID: HXB0102-30
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	610		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:23	10

Client Sample ID: WI - 8D
Lab Sample ID: HXB0102-31
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:26	10

Client Sample ID: WI - 8E
Lab Sample ID: HXB0102-32
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	390		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:36	10

Client Sample ID: WI - 9B
Lab Sample ID: HXB0102-33
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	94		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:39	10

Client Sample ID: WI - 9C
Lab Sample ID: HXB0102-34
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:43	10

Client Sample ID: WI - 9D
Lab Sample ID: HXB0102-35
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	98		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:01	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 9E
Lab Sample ID: HXB0102-36
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	96		2.9		mg/Kg		03/20/14 15:53	03/21/14 14:57	10

Client Sample ID: WI - 10B
Lab Sample ID: HXB0102-37
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180		2.8		mg/Kg		03/20/14 15:53	03/21/14 14:37	10

Client Sample ID: WI - 10C
Lab Sample ID: HXB0102-38
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.8		mg/Kg		03/20/14 15:53	03/21/14 15:04	10

Client Sample ID: WI - 10D
Lab Sample ID: HXB0102-39
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	140		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:08	10

Client Sample ID: WI - 10E
Lab Sample ID: HXB0102-40
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.8		mg/Kg		03/20/14 15:53	03/21/14 15:11	10

Client Sample ID: WI - 11B
Lab Sample ID: HXB0102-41
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:15	10

Client Sample ID: WI - 11C
Lab Sample ID: HXB0102-42
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	430		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:18	10

Client Sample ID: WI - 11D
Lab Sample ID: HXB0102-43
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:22	10

Client Sample ID: WI - 11E
Lab Sample ID: HXB0102-44
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	290		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:25	10

Client Sample ID: WI - 12B
Lab Sample ID: HXB0102-45
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:34	10

Client Sample ID: WI - 12C
Lab Sample ID: HXB0102-46
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.8		mg/Kg		03/20/14 15:53	03/21/14 15:38	10

Client Sample ID: WI - 12D
Lab Sample ID: HXB0102-47
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	590		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:41	10

Client Sample ID: WI - 12E
Lab Sample ID: HXB0102-48
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	500		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:45	10

Client Sample ID: WI - 13B
Lab Sample ID: HXB0102-49
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	250		2.8		mg/Kg		03/20/14 15:53	03/21/14 15:48	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 13C
Lab Sample ID: HXB0102-50
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:52	10

Client Sample ID: WI - 13D
Lab Sample ID: HXB0102-51
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180		2.9		mg/Kg		03/20/14 15:53	03/21/14 15:55	10

Client Sample ID: WI - 13E
Lab Sample ID: HXB0102-52
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	95		2.7		mg/Kg		03/20/14 15:53	03/21/14 15:58	10

Client Sample ID: WI - 14B
Lab Sample ID: HXB0102-53
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.9		mg/Kg		03/20/14 15:53	03/21/14 16:02	10

Client Sample ID: WI - 14C
Lab Sample ID: HXB0102-54
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	260		2.9		mg/Kg		03/20/14 15:53	03/21/14 16:05	10

Client Sample ID: WI - 14D
Lab Sample ID: HXB0102-55
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.8		mg/Kg		03/21/14 15:03	03/24/14 11:29	10

Client Sample ID: WI - 14E
Lab Sample ID: HXB0102-56
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	250		2.9		mg/Kg		03/21/14 15:03	03/24/14 11:50	10

Client Sample ID: WI - 15B
Lab Sample ID: HXB0102-57
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.8		mg/Kg		03/21/14 15:03	03/24/14 11:54	10

Client Sample ID: WI - 15C
Lab Sample ID: HXB0102-58
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		2.9		mg/Kg		03/21/14 15:03	03/24/14 11:58	10

Client Sample ID: WI - 15D
Lab Sample ID: HXB0102-59
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	210		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:02	10

Client Sample ID: WI - 15E
Lab Sample ID: HXB0102-60
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	250		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:05	10

Client Sample ID: WI - 16B
Lab Sample ID: HXB0102-61
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	340		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:09	10

Client Sample ID: WI - 16C
Lab Sample ID: HXB0102-62
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	340		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:13	10

Client Sample ID: WI - 16D
Lab Sample ID: HXB0102-63
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	540		2.8		mg/Kg		03/21/14 15:03	03/24/14 12:17	10

Client Sample ID: WI - 16E
Lab Sample ID: HXB0102-64
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	500		2.9		mg/Kg		03/21/14 15:03	03/24/14 12:20	10

Client Sample ID: WI - 17B
Lab Sample ID: HXB0102-65
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	350		2.8		mg/Kg		03/21/14 15:03	03/24/14 12:24	10

Client Sample ID: WI - 17C
Lab Sample ID: HXB0102-66
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	320		2.9		mg/Kg		03/21/14 15:03	03/24/14 12:34	10

Client Sample ID: WI - 17D
Lab Sample ID: HXB0102-67
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	340		2.9		mg/Kg		03/21/14 15:03	03/24/14 12:38	10

Client Sample ID: WI - 17E
Lab Sample ID: HXB0102-68
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	190		2.8		mg/Kg		03/21/14 15:03	03/24/14 12:41	10

Client Sample ID: WI - 18B
Lab Sample ID: HXB0102-69
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	270		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:45	10

Client Sample ID: WI - 18C
Lab Sample ID: HXB0102-70
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		2.9		mg/Kg		03/21/14 15:03	03/24/14 12:49	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 18D
Lab Sample ID: HXB0102-71
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	310		2.8		mg/Kg		03/21/14 15:03	03/24/14 12:53	10

Client Sample ID: WI - 18E
Lab Sample ID: HXB0102-72
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	620		3.0		mg/Kg		03/21/14 15:03	03/24/14 12:56	10

Client Sample ID: WI - 19B
Lab Sample ID: HXB0102-73
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	310		2.9		mg/Kg		03/21/14 15:03	03/24/14 13:00	10

Client Sample ID: WI - 19C
Lab Sample ID: HXB0102-74
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	480		2.9		mg/Kg		03/21/14 15:03	03/24/14 13:04	10

Client Sample ID: WI - 19D
Lab Sample ID: HXB0102-75
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	370		2.9		mg/Kg		03/27/14 13:48	03/28/14 12:21	10

Client Sample ID: WI - 19E
Lab Sample ID: HXB0102-76
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	610		2.9		mg/Kg		03/27/14 13:48	03/28/14 12:41	10

Client Sample ID: WI - 20B
Lab Sample ID: HXB0102-77
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	430		2.9		mg/Kg		03/27/14 13:48	03/28/14 12:45	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 20C
Lab Sample ID: HXB0102-78
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	680		2.8		mg/Kg		03/27/14 13:48	03/28/14 12:48	10

Client Sample ID: WI - 20D
Lab Sample ID: HXB0102-79
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	490		2.9		mg/Kg		03/27/14 13:48	03/28/14 12:52	10

Client Sample ID: WI - 20E
Lab Sample ID: HXB0102-80
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	560		2.9		mg/Kg		03/27/14 13:48	03/28/14 12:55	10

Client Sample ID: WI - 21B
Lab Sample ID: HXB0102-81
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170		3.0		mg/Kg		03/27/14 13:48	03/28/14 12:59	10

Client Sample ID: WI - 21C
Lab Sample ID: HXB0102-82
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170		2.8		mg/Kg		03/27/14 13:48	03/28/14 13:03	10

Client Sample ID: WI - 21D
Lab Sample ID: HXB0102-83
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		03/27/14 13:48	03/28/14 13:06	10

Client Sample ID: WI - 21E
Lab Sample ID: HXB0102-84
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170		2.8		mg/Kg		03/27/14 13:48	03/28/14 13:09	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 22B
Lab Sample ID: HXB0102-85
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	200		3.0		mg/Kg		03/27/14 13:48	03/28/14 13:13	10

Client Sample ID: WI - 22C
Lab Sample ID: HXB0102-86
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	260		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:21	10

Client Sample ID: WI - 22D
Lab Sample ID: HXB0102-87
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:25	10

Client Sample ID: WI - 22E
Lab Sample ID: HXB0102-88
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	190		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:28	10

Client Sample ID: WI - 23B
Lab Sample ID: HXB0102-89
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	230		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:32	10

Client Sample ID: WI - 23C
Lab Sample ID: HXB0102-90
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180		3.0		mg/Kg		03/27/14 14:40	03/28/14 11:35	10

Client Sample ID: WI - 23D
Lab Sample ID: HXB0102-91
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	150		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:45	10

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 23E

Lab Sample ID: HXB0102-92
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		3.0		mg/Kg		03/27/14 14:40	03/28/14 11:48	10

Client Sample ID: WI - 24B

Lab Sample ID: HXB0102-93
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		03/27/14 14:40	03/28/14 11:51	10

Client Sample ID: WI - 24C

Lab Sample ID: HXB0102-94
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	250		2.8		mg/Kg		03/27/14 14:40	03/28/14 11:55	10

Client Sample ID: WI - 24D

Lab Sample ID: HXB0102-95
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	300		2.8		mg/Kg		03/27/14 14:40	03/28/14 11:59	10

Client Sample ID: WI - 24E

Lab Sample ID: HXB0102-96
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	270		2.9		mg/Kg		03/27/14 14:40	03/28/14 10:54	10

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-155365/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155443 — **Prep Batch: 155365**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/18/14 10:52	03/18/14 16:24	1

Lab Sample ID: LCS 580-155365/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155443 — **Prep Batch: 155365**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	44.4		mg/Kg		89	80 - 120

Lab Sample ID: LCSD 580-155365/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155443 — **Prep Batch: 155365**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	44.2		mg/Kg		88	80 - 120	1	20

Lab Sample ID: 580-42560-1 MS — **Client Sample ID: HXB0102-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155443 — **Prep Batch: 155365**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	120		9.45	185	4	mg/Kg		704	80 - 120

Lab Sample ID: 580-42560-1 MSD — **Client Sample ID: HXB0102-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155443 — **Prep Batch: 155365**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	120		9.46	131	4 F2	mg/Kg		133	80 - 120	34	20

Lab Sample ID: MB 580-155389/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/18/14 12:49	03/19/14 13:22	1

Lab Sample ID: LCS 580-155389/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	42.9		mg/Kg		86	80 - 120

Lab Sample ID: LCSD 580-155389/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	43.3		mg/Kg		87	80 - 120	1	20

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Lab Sample ID: 580-42560-21 MS — **Client Sample ID: HXB0102-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	98		9.42	106	4	mg/Kg		79	80 - 120		

Lab Sample ID: 580-42560-21 MSD — **Client Sample ID: HXB0102-21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	98		9.39	109	4	mg/Kg		112	80 - 120	3	20

Lab Sample ID: MB 580-155594/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155700 — **Prep Batch: 155594**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/20/14 15:53	03/21/14 14:24	1

Lab Sample ID: LCS 580-155594/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155700 — **Prep Batch: 155594**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	47.3		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 580-155594/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155700 — **Prep Batch: 155594**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			50.0	48.2		mg/Kg		96	80 - 120	2	20

Lab Sample ID: 580-42560-37 MS — **Client Sample ID: HXB0102-37**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155700 — **Prep Batch: 155594**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	180		9.32	198	4	mg/Kg		147	80 - 120		

Lab Sample ID: 580-42560-37 MSD — **Client Sample ID: HXB0102-37**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155700 — **Prep Batch: 155594**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	180		9.72	246	4 F2	mg/Kg		636	80 - 120	22	20

Lab Sample ID: MB 580-155657/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155731 — **Prep Batch: 155657**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/21/14 15:03	03/24/14 11:17	1

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

Lab Sample ID: LCS 580-155657/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155731 — **Prep Batch: 155657**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	49.2		mg/Kg		98	80 - 120		

Lab Sample ID: LCSD 580-155657/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155731 — **Prep Batch: 155657**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			50.0	50.0		mg/Kg		100	80 - 120	2	20

Lab Sample ID: 580-42560-55 MS — **Client Sample ID: HXB0102-55**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155731 — **Prep Batch: 155657**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	200		9.56	210	4	mg/Kg		129	80 - 120		

Lab Sample ID: 580-42560-55 MSD — **Client Sample ID: HXB0102-55**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155731 — **Prep Batch: 155657**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	200		9.65	209	4	mg/Kg		118	80 - 120	0	20

Lab Sample ID: MB 580-156019/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156019**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/27/14 13:48	03/28/14 12:08	1

Lab Sample ID: LCS 580-156019/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156019**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	47.5		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 580-156019/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156019**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			50.0	47.5		mg/Kg		95	80 - 120	0	20

Lab Sample ID: 580-42560-75 MS — **Client Sample ID: HXB0102-75**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	370		9.93	374	4	mg/Kg		11	80 - 120		

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Lab Sample ID: 580-42560-75 MSD — **Client Sample ID: HXB0102-75**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	370		9.83	387	4	mg/Kg		141	80 - 120	3	20

Lab Sample ID: MB 580-156022/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156022**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/27/14 14:40	03/28/14 10:42	1

Lab Sample ID: LCS 580-156022/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156022**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 580-156022/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156022**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	48.2		mg/Kg		96	80 - 120	1	20

Lab Sample ID: 580-42560-96 MS — **Client Sample ID: HXB0102-96**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156022**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	270		9.78	278	4	mg/Kg		83	80 - 120

Lab Sample ID: 580-42560-96 MSD — **Client Sample ID: HXB0102-96**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156075 — **Prep Batch: 156022**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	270		9.57	284	4	mg/Kg		152	80 - 120	2	20

Metals

ISM Prep Batch: 154580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-1 MS	HXB0102-01	Total/NA	Solid	Increment, prep	
580-42560-1 MSD	HXB0102-01	Total/NA	Solid	Increment, prep	
580-42560-21 MS	HXB0102-21	Total/NA	Solid	Increment, prep	
580-42560-21 MSD	HXB0102-21	Total/NA	Solid	Increment, prep	
HXB0102-01	WI - 1B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-02	WI - 1C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-03	WI - 1D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-04	WI - 1E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-05	WI - 2B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-06	WI - 2C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-07	WI - 2D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-08	WI - 2E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-09	WI - 3B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-10	WI - 3C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-11	WI - 3D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-12	WI - 3E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-13	WI - 4B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-14	WI - 4C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-15	WI - 4D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-16	WI - 4E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-17	WI - 5B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-18	WI - 5C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-19	WI - 5D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-20	WI - 5E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-21	WI - 6B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-22	WI - 6C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-23	WI - 6D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-24	WI - 6E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-25	WI - 7B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-26	WI - 7C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-27	WI - 7D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-28	WI - 7E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-29	WI - 8B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-30	WI - 8C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-31	WI - 8D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-32	WI - 8E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-33	WI - 9B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-34	WI - 9C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-35	WI - 9D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-36	WI - 9E	Total/NA	Solid/Soil	Increment, prep	

ISM Prep Batch: 154745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-37 MS	HXB0102-37	Total/NA	Solid	Increment, prep	
580-42560-37 MSD	HXB0102-37	Total/NA	Solid	Increment, prep	
580-42560-55 MS	HXB0102-55	Total/NA	Solid	Increment, prep	
580-42560-55 MSD	HXB0102-55	Total/NA	Solid	Increment, prep	
580-42560-75 MS	HXB0102-75	Total/NA	Solid	Increment, prep	
580-42560-75 MSD	HXB0102-75	Total/NA	Solid	Increment, prep	
HXB0102-37	WI - 10B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-38	WI - 10C	Total/NA	Solid/Soil	Increment, prep	

Metals (Continued)

ISM Prep Batch: 154745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-39	WI - 10D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-40	WI - 10E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-41	WI - 11B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-42	WI - 11C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-43	WI - 11D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-44	WI - 11E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-45	WI - 12B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-46	WI - 12C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-47	WI - 12D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-48	WI - 12E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-49	WI - 13B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-50	WI - 13C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-51	WI - 13D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-52	WI - 13E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-53	WI - 14B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-54	WI - 14C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-55	WI - 14D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-56	WI - 14E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-57	WI - 15B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-58	WI - 15C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-59	WI - 15D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-60	WI - 15E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-61	WI - 16B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-62	WI - 16C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-63	WI - 16D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-64	WI - 16E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-65	WI - 17B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-66	WI - 17C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-67	WI - 17D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-68	WI - 17E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-69	WI - 18B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-70	WI - 18C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-71	WI - 18D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-72	WI - 18E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-73	WI - 19B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-74	WI - 19C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-75	WI - 19D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-76	WI - 19E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-77	WI - 20B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-78	WI - 20C	Total/NA	Solid/Soil	Increment, prep	

ISM Prep Batch: 154878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-96 MS	HXB0102-96	Total/NA	Solid	Increment, prep	
580-42560-96 MSD	HXB0102-96	Total/NA	Solid	Increment, prep	
HXB0102-79	WI - 20D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-80	WI - 20E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-81	WI - 21B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-82	WI - 21C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-83	WI - 21D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-84	WI - 21E	Total/NA	Solid/Soil	Increment, prep	

Metals (Continued)

ISM Prep Batch: 154878 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-85	WI - 22B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-86	WI - 22C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-87	WI - 22D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-88	WI - 22E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-89	WI - 23B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-90	WI - 23C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-91	WI - 23D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-92	WI - 23E	Total/NA	Solid/Soil	Increment, prep	
HXB0102-93	WI - 24B	Total/NA	Solid/Soil	Increment, prep	
HXB0102-94	WI - 24C	Total/NA	Solid/Soil	Increment, prep	
HXB0102-95	WI - 24D	Total/NA	Solid/Soil	Increment, prep	
HXB0102-96	WI - 24E	Total/NA	Solid/Soil	Increment, prep	

Prep Batch: 155365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-1 MS	HXB0102-01	Total/NA	Solid	3050B	154580
580-42560-1 MSD	HXB0102-01	Total/NA	Solid	3050B	154580
HXB0102-01	WI - 1B	Total/NA	Solid/Soil	3050B	154580
HXB0102-02	WI - 1C	Total/NA	Solid/Soil	3050B	154580
HXB0102-03	WI - 1D	Total/NA	Solid/Soil	3050B	154580
HXB0102-04	WI - 1E	Total/NA	Solid/Soil	3050B	154580
HXB0102-05	WI - 2B	Total/NA	Solid/Soil	3050B	154580
HXB0102-06	WI - 2C	Total/NA	Solid/Soil	3050B	154580
HXB0102-07	WI - 2D	Total/NA	Solid/Soil	3050B	154580
HXB0102-08	WI - 2E	Total/NA	Solid/Soil	3050B	154580
HXB0102-09	WI - 3B	Total/NA	Solid/Soil	3050B	154580
HXB0102-10	WI - 3C	Total/NA	Solid/Soil	3050B	154580
HXB0102-11	WI - 3D	Total/NA	Solid/Soil	3050B	154580
HXB0102-12	WI - 3E	Total/NA	Solid/Soil	3050B	154580
HXB0102-13	WI - 4B	Total/NA	Solid/Soil	3050B	154580
HXB0102-14	WI - 4C	Total/NA	Solid/Soil	3050B	154580
HXB0102-15	WI - 4D	Total/NA	Solid/Soil	3050B	154580
HXB0102-16	WI - 4E	Total/NA	Solid/Soil	3050B	154580
HXB0102-17	WI - 5B	Total/NA	Solid/Soil	3050B	154580
HXB0102-18	WI - 5C	Total/NA	Solid/Soil	3050B	154580
HXB0102-19	WI - 5D	Total/NA	Solid/Soil	3050B	154580
HXB0102-20	WI - 5E	Total/NA	Solid/Soil	3050B	154580
LCS 580-155365/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155365/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155365/23-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 155389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-21 MS	HXB0102-21	Total/NA	Solid	3050B	154580
580-42560-21 MSD	HXB0102-21	Total/NA	Solid	3050B	154580
HXB0102-21	WI - 6B	Total/NA	Solid/Soil	3050B	154580
HXB0102-22	WI - 6C	Total/NA	Solid/Soil	3050B	154580
HXB0102-23	WI - 6D	Total/NA	Solid/Soil	3050B	154580
HXB0102-24	WI - 6E	Total/NA	Solid/Soil	3050B	154580
HXB0102-25	WI - 7B	Total/NA	Solid/Soil	3050B	154580
HXB0102-26	WI - 7C	Total/NA	Solid/Soil	3050B	154580

Metals (Continued)

Prep Batch: 155389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-27	WI - 7D	Total/NA	Solid/Soil	3050B	154580
HXB0102-28	WI - 7E	Total/NA	Solid/Soil	3050B	154580
HXB0102-29	WI - 8B	Total/NA	Solid/Soil	3050B	154580
HXB0102-30	WI - 8C	Total/NA	Solid/Soil	3050B	154580
HXB0102-31	WI - 8D	Total/NA	Solid/Soil	3050B	154580
HXB0102-32	WI - 8E	Total/NA	Solid/Soil	3050B	154580
HXB0102-33	WI - 9B	Total/NA	Solid/Soil	3050B	154580
HXB0102-34	WI - 9C	Total/NA	Solid/Soil	3050B	154580
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155389/23-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 155443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-1 MS	HXB0102-01	Total/NA	Solid	6010B	155365
580-42560-1 MSD	HXB0102-01	Total/NA	Solid	6010B	155365
HXB0102-01	WI - 1B	Total/NA	Solid/Soil	6010B	155365
HXB0102-02	WI - 1C	Total/NA	Solid/Soil	6010B	155365
HXB0102-03	WI - 1D	Total/NA	Solid/Soil	6010B	155365
HXB0102-04	WI - 1E	Total/NA	Solid/Soil	6010B	155365
HXB0102-05	WI - 2B	Total/NA	Solid/Soil	6010B	155365
HXB0102-06	WI - 2C	Total/NA	Solid/Soil	6010B	155365
HXB0102-07	WI - 2D	Total/NA	Solid/Soil	6010B	155365
HXB0102-08	WI - 2E	Total/NA	Solid/Soil	6010B	155365
HXB0102-09	WI - 3B	Total/NA	Solid/Soil	6010B	155365
HXB0102-10	WI - 3C	Total/NA	Solid/Soil	6010B	155365
HXB0102-11	WI - 3D	Total/NA	Solid/Soil	6010B	155365
HXB0102-12	WI - 3E	Total/NA	Solid/Soil	6010B	155365
HXB0102-13	WI - 4B	Total/NA	Solid/Soil	6010B	155365
HXB0102-14	WI - 4C	Total/NA	Solid/Soil	6010B	155365
HXB0102-15	WI - 4D	Total/NA	Solid/Soil	6010B	155365
HXB0102-16	WI - 4E	Total/NA	Solid/Soil	6010B	155365
HXB0102-17	WI - 5B	Total/NA	Solid/Soil	6010B	155365
HXB0102-18	WI - 5C	Total/NA	Solid/Soil	6010B	155365
HXB0102-19	WI - 5D	Total/NA	Solid/Soil	6010B	155365
HXB0102-20	WI - 5E	Total/NA	Solid/Soil	6010B	155365
LCS 580-155365/24-A	Lab Control Sample	Total/NA	Solid	6010B	155365
LCSD 580-155365/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155365
MB 580-155365/23-A	Method Blank	Total/NA	Solid	6010B	155365

Analysis Batch: 155511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-21 MS	HXB0102-21	Total/NA	Solid	6010B	155389
580-42560-21 MSD	HXB0102-21	Total/NA	Solid	6010B	155389
HXB0102-21	WI - 6B	Total/NA	Solid/Soil	6010B	155389
HXB0102-22	WI - 6C	Total/NA	Solid/Soil	6010B	155389
HXB0102-23	WI - 6D	Total/NA	Solid/Soil	6010B	155389
HXB0102-24	WI - 6E	Total/NA	Solid/Soil	6010B	155389
HXB0102-25	WI - 7B	Total/NA	Solid/Soil	6010B	155389
HXB0102-26	WI - 7C	Total/NA	Solid/Soil	6010B	155389
HXB0102-27	WI - 7D	Total/NA	Solid/Soil	6010B	155389

Metals (Continued)

Analysis Batch: 155511 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-28	WI - 7E	Total/NA	Solid/Soil	6010B	155389
HXB0102-29	WI - 8B	Total/NA	Solid/Soil	6010B	155389
HXB0102-30	WI - 8C	Total/NA	Solid/Soil	6010B	155389
HXB0102-31	WI - 8D	Total/NA	Solid/Soil	6010B	155389
HXB0102-32	WI - 8E	Total/NA	Solid/Soil	6010B	155389
HXB0102-33	WI - 9B	Total/NA	Solid/Soil	6010B	155389
HXB0102-34	WI - 9C	Total/NA	Solid/Soil	6010B	155389
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	6010B	155389
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155389
MB 580-155389/23-A	Method Blank	Total/NA	Solid	6010B	155389

Prep Batch: 155594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-37 MS	HXB0102-37	Total/NA	Solid	3050B	154745
580-42560-37 MSD	HXB0102-37	Total/NA	Solid	3050B	154745
HXB0102-35	WI - 9D	Total/NA	Solid/Soil	3050B	154580
HXB0102-36	WI - 9E	Total/NA	Solid/Soil	3050B	154580
HXB0102-37	WI - 10B	Total/NA	Solid/Soil	3050B	154745
HXB0102-38	WI - 10C	Total/NA	Solid/Soil	3050B	154745
HXB0102-39	WI - 10D	Total/NA	Solid/Soil	3050B	154745
HXB0102-40	WI - 10E	Total/NA	Solid/Soil	3050B	154745
HXB0102-41	WI - 11B	Total/NA	Solid/Soil	3050B	154745
HXB0102-42	WI - 11C	Total/NA	Solid/Soil	3050B	154745
HXB0102-43	WI - 11D	Total/NA	Solid/Soil	3050B	154745
HXB0102-44	WI - 11E	Total/NA	Solid/Soil	3050B	154745
HXB0102-45	WI - 12B	Total/NA	Solid/Soil	3050B	154745
HXB0102-46	WI - 12C	Total/NA	Solid/Soil	3050B	154745
HXB0102-47	WI - 12D	Total/NA	Solid/Soil	3050B	154745
HXB0102-48	WI - 12E	Total/NA	Solid/Soil	3050B	154745
HXB0102-49	WI - 13B	Total/NA	Solid/Soil	3050B	154745
HXB0102-50	WI - 13C	Total/NA	Solid/Soil	3050B	154745
HXB0102-51	WI - 13D	Total/NA	Solid/Soil	3050B	154745
HXB0102-52	WI - 13E	Total/NA	Solid/Soil	3050B	154745
HXB0102-53	WI - 14B	Total/NA	Solid/Soil	3050B	154745
HXB0102-54	WI - 14C	Total/NA	Solid/Soil	3050B	154745
LCS 580-155594/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155594/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155594/23-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 155657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-55 MS	HXB0102-55	Total/NA	Solid	3050B	154745
580-42560-55 MSD	HXB0102-55	Total/NA	Solid	3050B	154745
HXB0102-55	WI - 14D	Total/NA	Solid/Soil	3050B	154745
HXB0102-56	WI - 14E	Total/NA	Solid/Soil	3050B	154745
HXB0102-57	WI - 15B	Total/NA	Solid/Soil	3050B	154745
HXB0102-58	WI - 15C	Total/NA	Solid/Soil	3050B	154745
HXB0102-59	WI - 15D	Total/NA	Solid/Soil	3050B	154745
HXB0102-60	WI - 15E	Total/NA	Solid/Soil	3050B	154745
HXB0102-61	WI - 16B	Total/NA	Solid/Soil	3050B	154745
HXB0102-62	WI - 16C	Total/NA	Solid/Soil	3050B	154745

Metals (Continued)

Prep Batch: 155657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-63	WI - 16D	Total/NA	Solid/Soil	3050B	154745
HXB0102-64	WI - 16E	Total/NA	Solid/Soil	3050B	154745
HXB0102-65	WI - 17B	Total/NA	Solid/Soil	3050B	154745
HXB0102-66	WI - 17C	Total/NA	Solid/Soil	3050B	154745
HXB0102-67	WI - 17D	Total/NA	Solid/Soil	3050B	154745
HXB0102-68	WI - 17E	Total/NA	Solid/Soil	3050B	154745
HXB0102-69	WI - 18B	Total/NA	Solid/Soil	3050B	154745
HXB0102-70	WI - 18C	Total/NA	Solid/Soil	3050B	154745
HXB0102-71	WI - 18D	Total/NA	Solid/Soil	3050B	154745
HXB0102-72	WI - 18E	Total/NA	Solid/Soil	3050B	154745
HXB0102-73	WI - 19B	Total/NA	Solid/Soil	3050B	154745
HXB0102-74	WI - 19C	Total/NA	Solid/Soil	3050B	154745
LCS 580-155657/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155657/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155657/23-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 155700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-37 MS	HXB0102-37	Total/NA	Solid	6010B	155594
580-42560-37 MSD	HXB0102-37	Total/NA	Solid	6010B	155594
HXB0102-35	WI - 9D	Total/NA	Solid/Soil	6010B	155594
HXB0102-36	WI - 9E	Total/NA	Solid/Soil	6010B	155594
HXB0102-37	WI - 10B	Total/NA	Solid/Soil	6010B	155594
HXB0102-38	WI - 10C	Total/NA	Solid/Soil	6010B	155594
HXB0102-39	WI - 10D	Total/NA	Solid/Soil	6010B	155594
HXB0102-40	WI - 10E	Total/NA	Solid/Soil	6010B	155594
HXB0102-41	WI - 11B	Total/NA	Solid/Soil	6010B	155594
HXB0102-42	WI - 11C	Total/NA	Solid/Soil	6010B	155594
HXB0102-43	WI - 11D	Total/NA	Solid/Soil	6010B	155594
HXB0102-44	WI - 11E	Total/NA	Solid/Soil	6010B	155594
HXB0102-45	WI - 12B	Total/NA	Solid/Soil	6010B	155594
HXB0102-46	WI - 12C	Total/NA	Solid/Soil	6010B	155594
HXB0102-47	WI - 12D	Total/NA	Solid/Soil	6010B	155594
HXB0102-48	WI - 12E	Total/NA	Solid/Soil	6010B	155594
HXB0102-49	WI - 13B	Total/NA	Solid/Soil	6010B	155594
HXB0102-50	WI - 13C	Total/NA	Solid/Soil	6010B	155594
HXB0102-51	WI - 13D	Total/NA	Solid/Soil	6010B	155594
HXB0102-52	WI - 13E	Total/NA	Solid/Soil	6010B	155594
HXB0102-53	WI - 14B	Total/NA	Solid/Soil	6010B	155594
HXB0102-54	WI - 14C	Total/NA	Solid/Soil	6010B	155594
LCS 580-155594/24-A	Lab Control Sample	Total/NA	Solid	6010B	155594
LCSD 580-155594/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155594
MB 580-155594/23-A	Method Blank	Total/NA	Solid	6010B	155594

Analysis Batch: 155731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-55 MS	HXB0102-55	Total/NA	Solid	6010B	155657
580-42560-55 MSD	HXB0102-55	Total/NA	Solid	6010B	155657
HXB0102-55	WI - 14D	Total/NA	Solid/Soil	6010B	155657
HXB0102-56	WI - 14E	Total/NA	Solid/Soil	6010B	155657
HXB0102-57	WI - 15B	Total/NA	Solid/Soil	6010B	155657

Metals (Continued)

Analysis Batch: 155731 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-58	WI - 15C	Total/NA	Solid/Soil	6010B	155657
HXB0102-59	WI - 15D	Total/NA	Solid/Soil	6010B	155657
HXB0102-60	WI - 15E	Total/NA	Solid/Soil	6010B	155657
HXB0102-61	WI - 16B	Total/NA	Solid/Soil	6010B	155657
HXB0102-62	WI - 16C	Total/NA	Solid/Soil	6010B	155657
HXB0102-63	WI - 16D	Total/NA	Solid/Soil	6010B	155657
HXB0102-64	WI - 16E	Total/NA	Solid/Soil	6010B	155657
HXB0102-65	WI - 17B	Total/NA	Solid/Soil	6010B	155657
HXB0102-66	WI - 17C	Total/NA	Solid/Soil	6010B	155657
HXB0102-67	WI - 17D	Total/NA	Solid/Soil	6010B	155657
HXB0102-68	WI - 17E	Total/NA	Solid/Soil	6010B	155657
HXB0102-69	WI - 18B	Total/NA	Solid/Soil	6010B	155657
HXB0102-70	WI - 18C	Total/NA	Solid/Soil	6010B	155657
HXB0102-71	WI - 18D	Total/NA	Solid/Soil	6010B	155657
HXB0102-72	WI - 18E	Total/NA	Solid/Soil	6010B	155657
HXB0102-73	WI - 19B	Total/NA	Solid/Soil	6010B	155657
HXB0102-74	WI - 19C	Total/NA	Solid/Soil	6010B	155657
LCS 580-155657/24-A	Lab Control Sample	Total/NA	Solid	6010B	155657
LCSD 580-155657/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155657
MB 580-155657/23-A	Method Blank	Total/NA	Solid	6010B	155657

Prep Batch: 156019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-75 MS	HXB0102-75	Total/NA	Solid	3050B	154745
580-42560-75 MSD	HXB0102-75	Total/NA	Solid	3050B	154745
HXB0102-75	WI - 19D	Total/NA	Solid/Soil	3050B	154745
HXB0102-76	WI - 19E	Total/NA	Solid/Soil	3050B	154745
HXB0102-77	WI - 20B	Total/NA	Solid/Soil	3050B	154745
HXB0102-78	WI - 20C	Total/NA	Solid/Soil	3050B	154745
HXB0102-79	WI - 20D	Total/NA	Solid/Soil	3050B	154878
HXB0102-80	WI - 20E	Total/NA	Solid/Soil	3050B	154878
HXB0102-81	WI - 21B	Total/NA	Solid/Soil	3050B	154878
HXB0102-82	WI - 21C	Total/NA	Solid/Soil	3050B	154878
HXB0102-83	WI - 21D	Total/NA	Solid/Soil	3050B	154878
HXB0102-84	WI - 21E	Total/NA	Solid/Soil	3050B	154878
HXB0102-85	WI - 22B	Total/NA	Solid/Soil	3050B	154878
LCS 580-156019/15-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-156019/16-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-156019/14-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 156022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-96 MS	HXB0102-96	Total/NA	Solid	3050B	154878
580-42560-96 MSD	HXB0102-96	Total/NA	Solid	3050B	154878
HXB0102-86	WI - 22C	Total/NA	Solid/Soil	3050B	154878
HXB0102-87	WI - 22D	Total/NA	Solid/Soil	3050B	154878
HXB0102-88	WI - 22E	Total/NA	Solid/Soil	3050B	154878
HXB0102-89	WI - 23B	Total/NA	Solid/Soil	3050B	154878
HXB0102-90	WI - 23C	Total/NA	Solid/Soil	3050B	154878
HXB0102-91	WI - 23D	Total/NA	Solid/Soil	3050B	154878
HXB0102-92	WI - 23E	Total/NA	Solid/Soil	3050B	154878

Metals (Continued)

Prep Batch: 156022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0102-93	WI - 24B	Total/NA	Solid/Soil	3050B	154878
HXB0102-94	WI - 24C	Total/NA	Solid/Soil	3050B	154878
HXB0102-95	WI - 24D	Total/NA	Solid/Soil	3050B	154878
HXB0102-96	WI - 24E	Total/NA	Solid/Soil	3050B	154878
LCS 580-156022/15-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-156022/16-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-156022/14-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 156075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-75 MS	HXB0102-75	Total/NA	Solid	6010B	156019
580-42560-75 MSD	HXB0102-75	Total/NA	Solid	6010B	156019
580-42560-96 MS	HXB0102-96	Total/NA	Solid	6010B	156022
580-42560-96 MSD	HXB0102-96	Total/NA	Solid	6010B	156022
HXB0102-75	WI - 19D	Total/NA	Solid/Soil	6010B	156019
HXB0102-76	WI - 19E	Total/NA	Solid/Soil	6010B	156019
HXB0102-77	WI - 20B	Total/NA	Solid/Soil	6010B	156019
HXB0102-78	WI - 20C	Total/NA	Solid/Soil	6010B	156019
HXB0102-79	WI - 20D	Total/NA	Solid/Soil	6010B	156019
HXB0102-80	WI - 20E	Total/NA	Solid/Soil	6010B	156019
HXB0102-81	WI - 21B	Total/NA	Solid/Soil	6010B	156019
HXB0102-82	WI - 21C	Total/NA	Solid/Soil	6010B	156019
HXB0102-83	WI - 21D	Total/NA	Solid/Soil	6010B	156019
HXB0102-84	WI - 21E	Total/NA	Solid/Soil	6010B	156019
HXB0102-85	WI - 22B	Total/NA	Solid/Soil	6010B	156019
HXB0102-86	WI - 22C	Total/NA	Solid/Soil	6010B	156022
HXB0102-87	WI - 22D	Total/NA	Solid/Soil	6010B	156022
HXB0102-88	WI - 22E	Total/NA	Solid/Soil	6010B	156022
HXB0102-89	WI - 23B	Total/NA	Solid/Soil	6010B	156022
HXB0102-90	WI - 23C	Total/NA	Solid/Soil	6010B	156022
HXB0102-91	WI - 23D	Total/NA	Solid/Soil	6010B	156022
HXB0102-92	WI - 23E	Total/NA	Solid/Soil	6010B	156022
HXB0102-93	WI - 24B	Total/NA	Solid/Soil	6010B	156022
HXB0102-94	WI - 24C	Total/NA	Solid/Soil	6010B	156022
HXB0102-95	WI - 24D	Total/NA	Solid/Soil	6010B	156022
HXB0102-96	WI - 24E	Total/NA	Solid/Soil	6010B	156022
LCS 580-156019/15-A	Lab Control Sample	Total/NA	Solid	6010B	156019
LCS 580-156022/15-A	Lab Control Sample	Total/NA	Solid	6010B	156022
LCSD 580-156019/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	156019
LCSD 580-156022/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	156022
MB 580-156019/14-A	Method Blank	Total/NA	Solid	6010B	156019
MB 580-156022/14-A	Method Blank	Total/NA	Solid	6010B	156022

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 1B
Lab Sample ID: HXB0102-01
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 16:36	HJM	TAL SEA

Client Sample ID: WI - 1C
Lab Sample ID: HXB0102-02
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 16:57	HJM	TAL SEA

Client Sample ID: WI - 1D
Lab Sample ID: HXB0102-03
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:00	HJM	TAL SEA

Client Sample ID: WI - 1E
Lab Sample ID: HXB0102-04
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:04	HJM	TAL SEA

Client Sample ID: WI - 2B
Lab Sample ID: HXB0102-05
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:07	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 2C
Lab Sample ID: HXB0102-06
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:11	HJM	TAL SEA

Client Sample ID: WI - 2D
Lab Sample ID: HXB0102-07
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:14	HJM	TAL SEA

Client Sample ID: WI - 2E
Lab Sample ID: HXB0102-08
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:18	HJM	TAL SEA

Client Sample ID: WI - 3B
Lab Sample ID: HXB0102-09
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:22	HJM	TAL SEA

Client Sample ID: WI - 3C
Lab Sample ID: HXB0102-10
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:25	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 3D
Lab Sample ID: HXB0102-11
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:35	HJM	TAL SEA

Client Sample ID: WI - 3E
Lab Sample ID: HXB0102-12
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:38	HJM	TAL SEA

Client Sample ID: WI - 4B
Lab Sample ID: HXB0102-13
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:42	HJM	TAL SEA

Client Sample ID: WI - 4C
Lab Sample ID: HXB0102-14
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:46	HJM	TAL SEA

Client Sample ID: WI - 4D
Lab Sample ID: HXB0102-15
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:49	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 4E
Lab Sample ID: HXB0102-16
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:53	HJM	TAL SEA

Client Sample ID: WI - 5B
Lab Sample ID: HXB0102-17
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 17:56	HJM	TAL SEA

Client Sample ID: WI - 5C
Lab Sample ID: HXB0102-18
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 18:00	HJM	TAL SEA

Client Sample ID: WI - 5D
Lab Sample ID: HXB0102-19
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 18:03	HJM	TAL SEA

Client Sample ID: WI - 5E
Lab Sample ID: HXB0102-20
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155365	03/18/14 10:52	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155443	03/18/14 18:06	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 6B — Lab Sample ID: HXB0102-21

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 13:34	HJM	TAL SEA

Client Sample ID: WI - 6C — Lab Sample ID: HXB0102-22

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 13:55	HJM	TAL SEA

Client Sample ID: WI - 6D — Lab Sample ID: HXB0102-23

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 13:59	HJM	TAL SEA

Client Sample ID: WI - 6E — Lab Sample ID: HXB0102-24

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:02	HJM	TAL SEA

Client Sample ID: WI - 7B — Lab Sample ID: HXB0102-25

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:05	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 7C
Lab Sample ID: HXB0102-26
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:09	HJM	TAL SEA

Client Sample ID: WI - 7D
Lab Sample ID: HXB0102-27
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:13	HJM	TAL SEA

Client Sample ID: WI - 7E
Lab Sample ID: HXB0102-28
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:16	HJM	TAL SEA

Client Sample ID: WI - 8B
Lab Sample ID: HXB0102-29
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:19	HJM	TAL SEA

Client Sample ID: WI - 8C
Lab Sample ID: HXB0102-30
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:23	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 8D
Lab Sample ID: HXB0102-31
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:26	HJM	TAL SEA

Client Sample ID: WI - 8E
Lab Sample ID: HXB0102-32
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:36	HJM	TAL SEA

Client Sample ID: WI - 9B
Lab Sample ID: HXB0102-33
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:39	HJM	TAL SEA

Client Sample ID: WI - 9C
Lab Sample ID: HXB0102-34
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:43	HJM	TAL SEA

Client Sample ID: WI - 9D
Lab Sample ID: HXB0102-35
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:01	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 9E — Lab Sample ID: HXB0102-36

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154580	03/04/14 12:48	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 14:57	HJM	TAL SEA

Client Sample ID: WI - 10B — Lab Sample ID: HXB0102-37

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 14:37	HJM	TAL SEA

Client Sample ID: WI - 10C — Lab Sample ID: HXB0102-38

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:04	HJM	TAL SEA

Client Sample ID: WI - 10D — Lab Sample ID: HXB0102-39

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:08	HJM	TAL SEA

Client Sample ID: WI - 10E — Lab Sample ID: HXB0102-40

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:11	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 11B — Lab Sample ID: HXB0102-41

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:15	HJM	TAL SEA

Client Sample ID: WI - 11C — Lab Sample ID: HXB0102-42

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:18	HJM	TAL SEA

Client Sample ID: WI - 11D — Lab Sample ID: HXB0102-43

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:22	HJM	TAL SEA

Client Sample ID: WI - 11E — Lab Sample ID: HXB0102-44

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:25	HJM	TAL SEA

Client Sample ID: WI - 12B — Lab Sample ID: HXB0102-45

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:34	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 12C — Lab Sample ID: HXB0102-46

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:38	HJM	TAL SEA

Client Sample ID: WI - 12D — Lab Sample ID: HXB0102-47

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:41	HJM	TAL SEA

Client Sample ID: WI - 12E — Lab Sample ID: HXB0102-48

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:45	HJM	TAL SEA

Client Sample ID: WI - 13B — Lab Sample ID: HXB0102-49

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:48	HJM	TAL SEA

Client Sample ID: WI - 13C — Lab Sample ID: HXB0102-50

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:52	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 13D — Lab Sample ID: HXB0102-51

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:55	HJM	TAL SEA

Client Sample ID: WI - 13E — Lab Sample ID: HXB0102-52

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 15:58	HJM	TAL SEA

Client Sample ID: WI - 14B — Lab Sample ID: HXB0102-53

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 16:02	HJM	TAL SEA

Client Sample ID: WI - 14C — Lab Sample ID: HXB0102-54

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155594	03/20/14 15:53	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155700	03/21/14 16:05	HJM	TAL SEA

Client Sample ID: WI - 14D — Lab Sample ID: HXB0102-55

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 11:29	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 14E
Lab Sample ID: HXB0102-56
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:53	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 11:50	HJM	TAL SEA

Client Sample ID: WI - 15B
Lab Sample ID: HXB0102-57
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 11:54	HJM	TAL SEA

Client Sample ID: WI - 15C
Lab Sample ID: HXB0102-58
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 11:58	HJM	TAL SEA

Client Sample ID: WI - 15D
Lab Sample ID: HXB0102-59
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:02	HJM	TAL SEA

Client Sample ID: WI - 15E
Lab Sample ID: HXB0102-60
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:05	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 16B — Lab Sample ID: HXB0102-61

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:09	HJM	TAL SEA

Client Sample ID: WI - 16C — Lab Sample ID: HXB0102-62

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:13	HJM	TAL SEA

Client Sample ID: WI - 16D — Lab Sample ID: HXB0102-63

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:17	HJM	TAL SEA

Client Sample ID: WI - 16E — Lab Sample ID: HXB0102-64

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:20	HJM	TAL SEA

Client Sample ID: WI - 17B — Lab Sample ID: HXB0102-65

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:24	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 17C — Lab Sample ID: HXB0102-66

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:34	HJM	TAL SEA

Client Sample ID: WI - 17D — Lab Sample ID: HXB0102-67

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:38	HJM	TAL SEA

Client Sample ID: WI - 17E — Lab Sample ID: HXB0102-68

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:41	HJM	TAL SEA

Client Sample ID: WI - 18B — Lab Sample ID: HXB0102-69

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:45	HJM	TAL SEA

Client Sample ID: WI - 18C — Lab Sample ID: HXB0102-70

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:49	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 18D — Lab Sample ID: HXB0102-71

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:53	HJM	TAL SEA

Client Sample ID: WI - 18E — Lab Sample ID: HXB0102-72

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 12:56	HJM	TAL SEA

Client Sample ID: WI - 19B — Lab Sample ID: HXB0102-73

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 13:00	HJM	TAL SEA

Client Sample ID: WI - 19C — Lab Sample ID: HXB0102-74

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			155657	03/21/14 15:03	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155731	03/24/14 13:04	HJM	TAL SEA

Client Sample ID: WI - 19D — Lab Sample ID: HXB0102-75

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:21	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 19E
Lab Sample ID: HXB0102-76
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:55	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:41	HJM	TAL SEA

Client Sample ID: WI - 20B
Lab Sample ID: HXB0102-77
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:56	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:45	HJM	TAL SEA

Client Sample ID: WI - 20C
Lab Sample ID: HXB0102-78
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154745	03/06/14 12:56	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:48	HJM	TAL SEA

Client Sample ID: WI - 20D
Lab Sample ID: HXB0102-79
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:52	HJM	TAL SEA

Client Sample ID: WI - 20E
Lab Sample ID: HXB0102-80
Date Collected: 02/27/14 11:30
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:55	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 21B — Lab Sample ID: HXB0102-81

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 12:59	HJM	TAL SEA

Client Sample ID: WI - 21C — Lab Sample ID: HXB0102-82

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 13:03	HJM	TAL SEA

Client Sample ID: WI - 21D — Lab Sample ID: HXB0102-83

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 13:06	HJM	TAL SEA

Client Sample ID: WI - 21E — Lab Sample ID: HXB0102-84

Date Collected: 02/27/14 11:30 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 13:09	HJM	TAL SEA

Client Sample ID: WI - 22B — Lab Sample ID: HXB0102-85

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156019	03/27/14 13:48	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 13:13	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 22C — Lab Sample ID: HXB0102-86

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:21	HJM	TAL SEA

Client Sample ID: WI - 22D — Lab Sample ID: HXB0102-87

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:25	HJM	TAL SEA

Client Sample ID: WI - 22E — Lab Sample ID: HXB0102-88

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:28	HJM	TAL SEA

Client Sample ID: WI - 23B — Lab Sample ID: HXB0102-89

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:32	HJM	TAL SEA

Client Sample ID: WI - 23C — Lab Sample ID: HXB0102-90

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:35	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 23D — Lab Sample ID: HXB0102-91

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:45	HJM	TAL SEA

Client Sample ID: WI - 23E — Lab Sample ID: HXB0102-92

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:48	HJM	TAL SEA

Client Sample ID: WI - 24B — Lab Sample ID: HXB0102-93

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:51	HJM	TAL SEA

Client Sample ID: WI - 24C — Lab Sample ID: HXB0102-94

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:36	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:55	HJM	TAL SEA

Client Sample ID: WI - 24D — Lab Sample ID: HXB0102-95

Date Collected: 02/27/14 00:00 — **Matrix: Solid/Soil**
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:38	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 11:59	HJM	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Client Sample ID: WI - 24E

Date Collected: 02/27/14 00:00
Date Received: 02/28/14 11:58

Lab Sample ID: HXB0102-96

Matrix: Solid/Soil

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154878	03/10/14 11:38	HJM	TAL SEA
Total/NA	Prep	3050B			156022	03/27/14 14:40	PAB	TAL SEA
Total/NA	Analysis	6010B		10	156075	03/28/14 10:54	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14 *
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-15

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

Method Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0102

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA

Protocol References:

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-1B	2/27/2014	11:26	G	Soil	1		Y	X	HXB0102-01
WI-1C	2/27/2014	"	G	Soil	1		Y	X	-02
WI-1D	2/27/2014	"	G	Soil	1		Y	X	-03
WI-1E	2/27/2014	"	G	Soil	1		Y	X	-04
WI-2B	2/27/2014	"	G	Soil	1		Y	X	-05
WI-2C	2/27/2014	"	G	Soil	1		Y	X	-06
WI-2D	2/27/2014	"	G	Soil	1		Y	X	-07
WI-2E	2/27/2014	"	G	Soil	1		Y	X	-08
WI-3B	2/27/2014	"	G	Soil	1		Y	X	-09
WI-3C	2/27/2014	"	G	Soil	1		Y	X	-10
WI-3D	2/27/2014	"	G	Soil	1		Y	X	-11
WI-3E	2/27/2014	"	G	Soil	1		Y	X	-12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
*- send invoices to Tetra Tech, ATT: Eric Jensen
*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/28/14 11:56	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no IR
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-4B	2/27/2014	11:26	G	Soil	1		Y	X	HXB0102-13
WI-4C	2/27/2014	"	G	Soil	1		Y	X	-14
WI-4D	2/27/2014	"	G	Soil	1		Y	X	-15
WI-4E	2/27/2014	"	G	Soil	1		Y	X	-16
WI-5B	2/27/2014	"	G	Soil	1		Y	X	-17
WI-5C	2/27/2014	"	G	Soil	1		Y	X	-18
WI-5D	2/27/2014	"	G	Soil	1		Y	X	-19
WI-5E	2/27/2014	"	G	Soil	1		Y	X	-20
WI-6B	2/27/2014	"	G	Soil	1		Y	X	-21
WI-6C	2/27/2014	"	G	Soil	1		Y	X	-22
WI-6D	2/27/2014	"	G	Soil	1		Y	X	-23
WI-6E	2/27/2014	"	G	Soil	1		Y	X	-24

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments: Send invoice to Tetratech, c/o Eric Jensen

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/28/14 1185	Kristie Reilly / [signature]	TA Hon	2/28/14 11:58 25°C no ice
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	3 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-7B	2/27/2014	11:30	G	Soil	1		Y	X	HXB0102-25
WI-7C	2/27/2014	"	G	Soil	1		Y	X	-26
WI-7D	2/27/2014	"	G	Soil	1		Y	X	-27
WI-7E	2/27/2014	"	G	Soil	1		Y	X	-28
WI-8B	2/27/2014	"	G	Soil	1		Y	X	-29
WI-8C	2/27/2014	"	G	Soil	1		Y	X	-30
WI-8D	2/27/2014	"	G	Soil	1		Y	X	-31
WI-8E	2/27/2014	"	G	Soil	1		Y	X	-32
WI-9B	2/27/2014	"	G	Soil	1		Y	X	-33
WI-9C	2/27/2014	"	G	Soil	1		Y	X	-34
WI-9D	2/27/2014	"	G	Soil	1		Y	X	-35
WI-9E	2/27/2014		G	Soil	1		Y	X	-36

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	11:55 2/28/14	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no ice
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	4 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-10B	2/27/2014	1:30 pm	G	Soil	1		Y	X	HXB0102-37
WI-10C	2/27/2014	"	G	Soil	1		Y	X	-38
WI-10D	2/27/2014	"	G	Soil	1		Y	X	-39
WI-10E	2/27/2014	"	G	Soil	1		Y	X	-40
WI-11B	2/27/2014	"	G	Soil	1		Y	X	-41
WI-11C	2/27/2014	"	G	Soil	1		Y	X	-42
WI-11D	2/27/2014	"	G	Soil	1		Y	X	-43
WI-11E	2/27/2014	"	G	Soil	1		Y	X	-44
WI-12B	2/27/2014	"	G	Soil	1		Y	X	-45
WI-12C	2/27/2014	"	G	Soil	1		Y	X	-46
WI-12D	2/27/2014	"	G	Soil	1		Y	X	-47
WI-12E	2/27/2014	"	G	Soil	1		Y	X	-48

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HTA	2/28/14 1:30	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact. no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	5 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 110348 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-13B	2/27/2014	16:30a	G	Soil	1		Y	X	HXB0102-49
WI-13C	2/27/2014	"	G	Soil	1		Y	X	-50
WI-13D	2/27/2014	"	G	Soil	1		Y	X	-51
WI-13E	2/27/2014	"	G	Soil	1		Y	X	-52
WI-14B	2/27/2014	"	G	Soil	1		Y	X	-53
WI-14C	2/27/2014	"	G	Soil	1		Y	X	-54
WI-14D	2/27/2014	"	G	Soil	1		Y	X	-55
WI-14E	2/27/2014	"	G	Soil	1		Y	X	-56
WI-15B	2/27/2014	"	G	Soil	1		Y	X	-57
WI-15C	2/27/2014	"	G	Soil	1		Y	X	-58
WI-15D	2/27/2014	"	G	Soil	1		Y	X	-59
WI-15E	2/27/2014	"	G	Soil	1		Y	X	-60

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/28/14 11:50a	Krishe Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	6 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-16B	2/27/2014	11:7a	G	Soil	1		Y	X	HXB0102-61
WI-16C	2/27/2014	"	G	Soil	1		Y	X	-62
WI-16D	2/27/2014	"	G	Soil	1		Y	X	-63
WI-16E	2/27/2014	"	G	Soil	1		Y	X	-64
WI-17B	2/27/2014	"	G	Soil	1		Y	X	-65
WI-17C	2/27/2014	"	G	Soil	1		Y	X	-66
WI-17D	2/27/2014	"	G	Soil	1		Y	X	-67
WI-17E	2/27/2014	"	G	Soil	1		Y	X	-68
WI-18B	2/27/2014	"	G	Soil	1		Y	X	-69
WI-18C	2/27/2014	"	G	Soil	1		Y	X	-70
WI-18D	2/27/2014	"	G	Soil	1		Y	X	-71
WI-18E	2/27/2014	"	G	Soil	1		Y	X	-72

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	11:55 2/28/14	Kristie Reilly [signature]	TA Hon	25°C intact 2/28/14 11:58 no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	7 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 110368 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-19B	2/27/2014	11:30	G	Soil	1		Y	X	HXB0102-73
WI-19C	2/27/2014	"	G	Soil	1		Y	X	-74
WI-19D	2/27/2014	"	G	Soil	1		Y	X	-75
WI-19E	2/27/2014	"	G	Soil	1		Y	X	-76
WI-20B	2/27/2014	"	G	Soil	1		Y	X	-77
WI-20C	2/27/2014	"	G	Soil	1		Y	X	-78
WI-20D	2/27/2014	"	G	Soil	1		Y	X	-79
WI-20E	2/27/2014	"	G	Soil	1		Y	X	-80
WI-21B	2/27/2014	"	G	Soil	1		Y	X	-81
WI-21C	2/27/2014	"	G	Soil	1		Y	X	-82
WI-21D	2/27/2014	"	G	Soil	1		Y	X	-83
WI-21E	2/27/2014	"	G	Soil	1		Y	X	-84

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HPU	2/28/14 11:55	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXB0102

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	8 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 TO-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total Lead (6010B)	Sample Specific Notes:
WI-22B	2/27/2014		G	Soil	1		Y	X	HXB0102-85
WI-22C	2/27/2014		G	Soil	1		Y	X	-86
WI-22D	2/27/2014		G	Soil	1		Y	X	-87
WI-22E	2/27/2014		G	Soil	1		Y	X	-88
WI-23B	2/27/2014		G	Soil	1		Y	X	-89
WI-23C	2/27/2014		G	Soil	1		Y	X	-90
WI-23D	2/27/2014		G	Soil	1		Y	X	-91
WI-23E	2/27/2014		G	Soil	1		Y	X	-92
WI-24B	2/27/2014		G	Soil	1		Y	X	-93
WI-24C	2/27/2014		G	Soil	1		Y	X	-94
WI-24D	2/27/2014		G	Soil	1		Y	X	-95
WI-24E	2/27/2014		G	Soil	1		Y	X	-96

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

*Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HCOH	2/28/14 11:55	Kristie Reilly [signature]	TA Hon	2/28/14 11:58 25°C intact no ice
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH HEER

Date/ Time Received: 2/28/14 11:58

Received By: KR

Matrices: Soil

Carrier: client

Airbill# :

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒ ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☒	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 25 °C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXB0101
Client Project/Site: TO-402
Client Project Description: Waipahu Incinerator Lead Study

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
3/27/2014 5:19:32 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times 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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Job ID: HXB0101

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 25 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 3/1/2014 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.7º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXB0101-01	WI - MISA	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0101-02	WI - MISB	Solid/Soil	02/27/14 00:00	02/28/14 11:58
HXB0101-03	WI - MISC	Solid/Soil	02/27/14 00:00	02/28/14 11:58

Detection Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Client Sample ID: WI - MISA — Lab Sample ID: HXB0101-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	240		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - MISB — Lab Sample ID: HXB0101-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	270		2.9		mg/Kg	10		6010B	Total/NA

Client Sample ID: WI - MISC — Lab Sample ID: HXB0101-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	350		2.9		mg/Kg	10		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Client Sample ID: WI - MISA

Lab Sample ID: HXB0101-01
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	240		2.9		mg/Kg		03/18/14 12:49	03/19/14 14:56	10

Client Sample ID: WI - MISB

Lab Sample ID: HXB0101-02
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	270		2.9		mg/Kg		03/18/14 12:49	03/19/14 15:00	10

Client Sample ID: WI - MISC

Lab Sample ID: HXB0101-03
Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	350		2.9		mg/Kg		03/18/14 12:49	03/19/14 15:03	10

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 580-155389/23-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.5		mg/Kg		03/18/14 12:49	03/19/14 13:22	1

Lab Sample ID: LCS 580-155389/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			50.0	42.9		mg/Kg		86	80 - 120		

Lab Sample ID: LCSD 580-155389/25-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			50.0	43.3		mg/Kg		87	80 - 120	1	20

Lab Sample ID: 580-42560-A-21-C MS ^10 — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	98		9.42	106	4	mg/Kg		79	80 - 120		

Lab Sample ID: 580-42560-A-21-D MSD ^10 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 155511 — **Prep Batch: 155389**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	98		9.39	109	4	mg/Kg		112	80 - 120	3	20

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Metals

ISM Prep Batch: 154544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXB0101-01	WI - MISA	Total/NA	Solid/Soil	Increment, prep	
HXB0101-02	WI - MISB	Total/NA	Solid/Soil	Increment, prep	
HXB0101-03	WI - MISC	Total/NA	Solid/Soil	Increment, prep	

ISM Prep Batch: 154580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	Increment, prep	
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	Increment, prep	

Prep Batch: 155389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	3050B	154580
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	3050B	154580
HXB0101-01	WI - MISA	Total/NA	Solid/Soil	3050B	154544
HXB0101-02	WI - MISB	Total/NA	Solid/Soil	3050B	154544
HXB0101-03	WI - MISC	Total/NA	Solid/Soil	3050B	154544
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 580-155389/23-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 155511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42560-A-21-C MS ^10	Matrix Spike	Total/NA	Solid	6010B	155389
580-42560-A-21-D MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	6010B	155389
HXB0101-01	WI - MISA	Total/NA	Solid/Soil	6010B	155389
HXB0101-02	WI - MISB	Total/NA	Solid/Soil	6010B	155389
HXB0101-03	WI - MISC	Total/NA	Solid/Soil	6010B	155389
LCS 580-155389/24-A	Lab Control Sample	Total/NA	Solid	6010B	155389
LCSD 580-155389/25-A	Lab Control Sample Dup	Total/NA	Solid	6010B	155389
MB 580-155389/23-A	Method Blank	Total/NA	Solid	6010B	155389

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Client Sample ID: WI - MISA

Lab Sample ID: HXB0101-01

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 14:56	HJM	TAL SEA

Client Sample ID: WI - MISB

Lab Sample ID: HXB0101-02

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 15:00	HJM	TAL SEA

Client Sample ID: WI - MISC

Lab Sample ID: HXB0101-03

Date Collected: 02/27/14 00:00
Matrix: Solid/Soil
Date Received: 02/28/14 11:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			154544	03/04/14 07:14	HJM	TAL SEA
Total/NA	Prep	3050B			155389	03/18/14 12:49	PAB	TAL SEA
Total/NA	Analysis	6010B		10	155511	03/19/14 15:03	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14 *
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-15

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

Method Summary

Client: Department of Health, HEER Office
Project/Site: TO-402

TestAmerica Job ID: HXB0101

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SEA

Protocol References:

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

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

>>> Select a Laboratory <<<

Chain of Custody Record

#N/A
#N/A
#N/A
#N/A

HXB0101

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: February 27, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	8 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: Waipahu Incinerator Lead Study	☐ 1 week			
Site: Waupahu, O'ahu	☐ 2 days			Job / SDG No.:
PO# 1103618 To-402	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Lead (6010B)	Sample Specific Notes:
WI-MISA	2/27/2014		MIS	Soil	1		Y	X	HXB0101-01
WI-MISB	2/27/2014		MIS	Soil	1		Y	X	-02
WI-MISC	2/27/2014		MIS	Soil	1		Y	X	-03

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

***Process samples using Multi-Increment Sample SOP (e.g., air dry entire sample, seive to <2mm, collect 30 subsamples per aliquot to be tested, minimum ten-gram aliquots extacted for total metals).**

Send invoice to Tetratech, ATT Eric Jensen

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	2/28/14 11:55	Kristie Reilly / [signature]	TA Hon	2/28/14 11:58 25°C intact no ice
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH HEER Date/ Time Received: 2/28/14 11:58

Received By: KR

Matrices: Soil Carrier: client Airbill# :

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Chain of Custody present?	Yes ☑	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☑	No ☐	
Chain of Custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sample containers on ice?	Yes ☐	No ☑	Type: N/A
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☑ ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☑
pH Adjusted?	Yes ☐	No ☑	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☑	Location:
Sample Filtration Needed?	Yes ☐	No ☑	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☑	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☑	Type:

Temperature Blank Present? Yes ☐ No ☑

Sample Container Temperature: 25 °C

Comments/ Sampling Handling Notes:

Appendix 1: Laboratory Reports

- **Study Site C (PCBs, Ma´ili VOA Station)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
4429 Malaai St. #104
Honolulu, HI 96818
Tel: 808-486-5227

TestAmerica Job ID: HXC0026
Client Project/Site: [none]
Client Project Description: PCB in soil Maili VOA
Revision: 1

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
9/22/2014 6:56:01 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
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)

Job ID: HXC0026

Laboratory: TestAmerica Honolulu

Narrative

Revised report: ASTM Method D422 data has been revised and the laboratory bench sheet has been included.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 24.4 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Receipt

The samples were received on 3/21/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

Geotechnical

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Laboratory: TestAmerica Portland

Narrative

Job Narrative
250-17690-1

Comments
No additional comments.

Receipt

Job ID: HXC0026 (Continued)

Laboratory: TestAmerica Portland (Continued)

The samples were received on 3/12/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 19.3º C and 19.5º C.

Except:

All samples for this job were received at the laboratory outside the required temperature criteria. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC Semi VOA

Method 8082: The following sample(s) required a dilution due to the nature of the sample matrix: HXC0026-01 (250-17690-1), HXC0026-02 (250-17690-2), HXC0026-03 (250-17690-3), HXC0026-04 (250-17690-4), HXC0026-05 (250-17690-5), HXC0026-07 (250-17690-7), HXC0026-08 (250-17690-8), HXC0026-09 (250-17690-9), HXC0026-10 (250-17690-10), HXC0026-13 (250-17690-13), HXC0026-14 (250-17690-14), HXC0026-15 (250-17690-15), HXC0026-16 (250-17690-16), HXC0026-17 (250-17690-17), HXC0026-19 (250-17690-19), HXC0026-20 (250-17690-20), HXC0026-21 (250-17690-21), HXC0026-27 (250-17690-27), HXC0026-28 (250-17690-28), HXC0026-29 (250-17690-29), HXC0026-31 (250-17690-31), HXC0026-32 (250-17690-32), HXC0026-33 (250-17690-33), HXC0026-37 (250-17690-37), HXC0026-38 (250-17690-38), HXC0026-44 (250-17690-44), HXC0026-49 (250-17690-49), HXC0026-50 (250-17690-50), HXC0026-51 (250-17690-51), HXC0026-52 (250-17690-52), HXC0026-53 (250-17690-53), HXC0026-55 (250-17690-55), HXC0026-56 (250-17690-56), HXC0026-57 (250-17690-57), HXC0026-58 (250-17690-58), HXC0026-59 (250-17690-59),HXC0026-67 (250-17690-67), HXC0026-69 (250-17690-69), HXC0026-70 (250-17690-70), HXC0026-71 (250-17690-71), HXC0026-61 (250-17690-61), HXC0026-80 (250-17690-80), HXC0026-81 (250-17690-81), HXC0026-82 (250-17690-82), HXC0026-83 (250-17690-83), HXC0026-85 (250-17690-85), HXC0026-89 (250-17690-89), HXC0026-92 (250-17690-92), HXC0026-97 (250-17690-97), HXC0026-25 (250-17690-25), HXC0026-34 (250-17690-34), HXC0026-35 (250-17690-35), HXC0026-46 (250-17690-46), HXC0026-62 (250-17690-62), HXC0026-63 (250-17690-63), HXC0026-64 (250-17690-64), HXC0026-65 (250-17690-65), HXC0026-68 (250-17690-68), HXC0026-87 (250-17690-87), HXC0026-88 (250-17690-88), HXC0026-91 (250-17690-91), HXC0026-93 (250-17690-93), HXC0026-98 (250-17690-98), HXC0026-99 (250-17690-99), HXC0026-AA (250-17690-100), HXC0026-AB (250-17690-101), HXC0026-26 (250-17690-26), HXC0026-AG (250-17690-106), HXC0026-AH (250-17690-107), HXC0026-BB (250-17690-127), HXC0026-BC (250-17690-128), HXC0026-BD (250-17690-129), HXC0026-BE (250-17690-130), HXC0026-22 (250-17690-22), HXC0026-86 (250-17690-86), HXC0026-94 (250-17690-94), HXC0026-95 (250-17690-95), HXC0026-AD (250-17690-103), HXC0026-23 (250-17690-23), HXC0026-AE (250-17690-104), HXC0026-AF (250-17690-105), HXC0026-AP (250-17690-115), HXC0026-AQ (250-17690-116), HXC0026-BH (250-17690-133), HXC0026-BI (250-17690-134), HXC0026-BJ (250-17690-135), HXC0026-BK (250-17690-136), HXC0026-BL (250-17690-137), HXC0026-BN (250-17690-139), HXC0026-BO (250-17690-140), HXC0026-AR (250-17690-117), HXC0026-AS (250-17690-118), HXC0026-AT (250-17690-119), HXC0026-AV (250-17690-121), HXC0026-AW (250-17690-122), HXC0026-AX (250-17690-123), HXC0026-AY (250-17690-124), HXC0026-AZ (250-17690-125), HXC0026-BF (250-17690-131), HXC0026-BP (250-17690-141), HXC0026-BQ (250-17690-142), HXC0026-BR (250-17690-143). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The method blank for batch 250-25181, 250-25179, 250-25180, 250-25211, 250-25217 and 250-25222 contained AR1260 above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.HXC0026-01 (250-17690-1), HXC0026-02 (250-17690-2), HXC0026-03 (250-17690-3), HXC0026-04 (250-17690-4), HXC0026-05 (250-17690-5), HXC0026-07 (250-17690-7), HXC0026-08 (250-17690-8), HXC0026-09 (250-17690-9), HXC0026-10 (250-17690-10), HXC0026-11 (250-17690-11), HXC0026-13 (250-17690-13), HXC0026-14 (250-17690-14), HXC0026-15 (250-17690-15), HXC0026-16 (250-17690-16), HXC0026-17 (250-17690-17), HXC0026-19 (250-17690-19), HXC0026-20 (250-17690-20), HXC0026-21 (250-17690-21), HXC0026-22 (250-17690-22), HXC0026-23 (250-17690-23), HXC0026-25 (250-17690-25), HXC0026-26 (250-17690-26), HXC0026-27 (250-17690-27), HXC0026-28 (250-17690-28), HXC0026-29 (250-17690-29), HXC0026-31 (250-17690-31), HXC0026-32 (250-17690-32), HXC0026-33 (250-17690-33), HXC0026-34 (250-17690-34), HXC0026-35 (250-17690-35), HXC0026-37 (250-17690-37), HXC0026-38 (250-17690-38), HXC0026-39 (250-17690-39), HXC0026-40 (250-17690-40), HXC0026-41 (250-17690-41), HXC0026-44 (250-17690-44), HXC0026-45 (250-17690-45), HXC0026-46 (250-17690-46), HXC0026-47 (250-17690-47), HXC0026-49 (250-17690-49), HXC0026-50 (250-17690-50), HXC0026-51 (250-17690-51), HXC0026-52 (250-17690-52), HXC0026-53 (250-17690-53), HXC0026-55 (250-17690-55), HXC0026-56 (250-17690-56), HXC0026-57 (250-17690-57), HXC0026-58 (250-17690-58), HXC0026-59 (250-17690-59), HXC0026-61 (250-17690-61), HXC0026-62 (250-17690-62), HXC0026-63 (250-17690-63), HXC0026-64 (250-17690-64), HXC0026-65 (250-17690-65), HXC0026-67 (250-17690-67), HXC0026-68 (250-17690-68), HXC0026-69 (250-17690-69), HXC0026-70 (250-17690-70), HXC0026-71 (250-17690-71), HXC0026-73 (250-17690-73), HXC0026-74 (250-17690-74), HXC0026-75 (250-17690-75), HXC0026-76 (250-17690-76), HXC0026-77 (250-17690-77), HXC0026-79

Job ID: HXC0026 (Continued)

Laboratory: TestAmerica Portland (Continued)

(250-17690-79), HXC0026-80 (250-17690-80), HXC0026-81 (250-17690-81), HXC0026-82 (250-17690-82), HXC0026-83 (250-17690-83), HXC0026-85 (250-17690-85), HXC0026-86 (250-17690-86), HXC0026-87 (250-17690-87), HXC0026-88 (250-17690-88), HXC0026-89 (250-17690-89), HXC0026-91 (250-17690-91), HXC0026-92 (250-17690-92), HXC0026-93 (250-17690-93), HXC0026-94 (250-17690-94), HXC0026-95 (250-17690-95), HXC0026-97 (250-17690-97), HXC0026-98 (250-17690-98), HXC0026-99 (250-17690-99), HXC0026-AA (250-17690-100), HXC0026-AB (250-17690-101), HXC0026-AD (250-17690-103), HXC0026-AE (250-17690-104), HXC0026-AF (250-17690-105), HXC0026-AG (250-17690-106), HXC0026-AH (250-17690-107), HXC0026-AN (250-17690-113), HXC0026-AP (250-17690-115), HXC0026-AQ (250-17690-116), HXC0026-AR (250-17690-117), HXC0026-AS (250-17690-118), HXC0026-AT (250-17690-119), HXC0026-AV (250-17690-121), HXC0026-AW (250-17690-122), HXC0026-AX (250-17690-123), HXC0026-AY (250-17690-124), HXC0026-AZ (250-17690-125), HXC0026-BB (250-17690-127), HXC0026-BC (250-17690-128), HXC0026-BD (250-17690-129), HXC0026-BE (250-17690-130), HXC0026-BF (250-17690-131), HXC0026-BH (250-17690-133), HXC0026-BI (250-17690-134), HXC0026-BJ (250-17690-135), HXC0026-BK (250-17690-136), HXC0026-BL (250-17690-137), HXC0026-BN (250-17690-139), HXC0026-BO (250-17690-140), HXC0026-BP (250-17690-141), HXC0026-BQ (250-17690-142), HXC0026-BR (250-17690-143)

Method 8082: The batch native sample was diluted due to the matrix interference. The dilution is sufficient that the spike/surrogate recoveries in the MS would not provide useful information and as a result the MS/MSD has not been analyzed. Batch QC validation is based on acceptable spike/surrogate recoveries in the LCS: (LCS 250-25179/2-A), (LCS 250-25180/2-A), (LCS 250-25181/2-A), (LCS 250-25211/2-A), (LCS 250-25217/2-A), (LCS 250-25222/2-A).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Laboratory: TestAmerica Seattle

Narrative

Job 580-42863-1
HXC0026

Report Revision
This report revision, dated 9/3/14, covers the updating of the ASTM Method D422 results. A copy of the benchsheet is included with the results.

Receipt
The samples were received on 3/21/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

Geotechnical
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0026-01	VOA-1 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-02	VOA-1 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-03	VOA-1 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-04	VOA-1 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-05	VOA-1 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-06	VOA-1 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-07	VOA-2 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-08	VOA-2 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-09	VOA-2 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-10	VOA-2 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-11	VOA-2 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-12	VOA-2 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-13	VOA-3 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-14	VOA-3 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-15	VOA-3 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-16	VOA-3 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-17	VOA-3 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-18	VOA-3 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-19	VOA-4 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-20	VOA-4 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-21	VOA-4 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-22	VOA-4 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-23	VOA-4 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-24	VOA-4 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-25	VOA-5 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-26	VOA-5 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-27	VOA-5 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-28	VOA-5 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-29	VOA-5 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-30	VOA-5 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-31	VOA-6 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-32	VOA-6 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-33	VOA-6 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-34	VOA-6 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-35	VOA-6 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-36	VOA-6 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-37	VOA-7 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-38	VOA-7 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-39	VOA-7 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-40	VOA-7 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-41	VOA-7 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-42	VOA-7 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-43	VOA-8 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-44	VOA-8 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-45	VOA-8 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-46	VOA-8 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-47	VOA-8 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-48	VOA-8 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-49	VOA-9 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-50	VOA-9 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-51	VOA-9 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-52	VOA-9 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-53	VOA-9 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0026-54	VOA-9 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-55	VOA-10 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-56	VOA-10 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-57	VOA-10 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-58	VOA-10 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-59	VOA-10 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-60	VOA-10 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-61	VOA-11 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-62	VOA-11 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-63	VOA-11 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-64	VOA-11 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-65	VOA-11 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-66	VOA-11 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-67	VOA-12 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-68	VOA-12 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-69	VOA-12 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-70	VOA-12 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-71	VOA-12 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-72	VOA-12 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-73	VOA-13 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-74	VOA-13 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-75	VOA-13 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-76	VOA-13 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-77	VOA-13 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-78	VOA-13 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-79	VOA-14 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-80	VOA-14 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-81	VOA-14 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-82	VOA-14 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-83	VOA-14 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-84	VOA-14 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-85	VOA-15 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-86	VOA-15 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-87	VOA-15 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-88	VOA-15 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-89	VOA-15 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-90	VOA-15 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-91	VOA-16 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-92	VOA-16 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-93	VOA-16 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-94	VOA-16 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-95	VOA-16 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-96	VOA-16 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-97	VOA-17 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-98	VOA-17 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-99	VOA-17 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AA	VOA-17 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AB	VOA-17 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AC	VOA-17 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AD	VOA-18 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AE	VOA-18 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AF	VOA-18 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AG	VOA-18 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0026-AH	VOA-18 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AI	VOA-18 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AJ	VOA-19 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AK	VOA-19 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AL	VOA-19 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AM	VOA-19 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AN	VOA-19 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AO	VOA-19 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AP	VOA-20 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AQ	VOA-20 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AR	VOA-20 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AS	VOA-20 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AT	VOA-20 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AU	VOA-20 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AV	VOA-21 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AW	VOA-21 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AX	VOA-21 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AY	VOA-21 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-AZ	VOA-21 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BA	VOA-21 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BB	VOA-22 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BC	VOA-22 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BD	VOA-22 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BE	VOA-22 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BF	VOA-22 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BG	VOA-22 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BH	VOA-23 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BI	VOA-23 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BJ	VOA-23 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BK	VOA-23 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BL	VOA-23 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BM	VOA-23 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BN	VOA-24 (1)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BO	VOA-24 (2)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BP	VOA-24 (3)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BQ	VOA-24 (4)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BR	VOA-24 (5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13
HXC0026-BS	VOA-24 (1-5)	Solid/Soil	03/05/14 11:30	03/10/14 10:13

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-1 (1) — Lab Sample ID: HXC0026-01

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	560	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (2) — Lab Sample ID: HXC0026-02

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1800	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (3) — Lab Sample ID: HXC0026-03

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	960	B	50	50	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-1 (4) — Lab Sample ID: HXC0026-04

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2500	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-1 (5) — Lab Sample ID: HXC0026-05

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2100	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (1-5) — Lab Sample ID: HXC0026-06

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.5				%	1		D422	Total/NA
Coarse Sand	9.3				%	1		D422	Total/NA
Medium Sand	15.2				%	1		D422	Total/NA
Fine Sand	15.1				%	1		D422	Total/NA
Silt	41.2				%	1		D422	Total/NA
Clay	8.8				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-2 (1) — Lab Sample ID: HXC0026-07

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7700	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-2 (2) — Lab Sample ID: HXC0026-08

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7800	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-2 (3) — Lab Sample ID: HXC0026-09

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	12000	B	500	500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-2 (4) — Lab Sample ID: HXC0026-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-2 (4) (Continued) — Lab Sample ID: HXC0026-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5700	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-2 (5) — Lab Sample ID: HXC0026-11

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	8300	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-2 (1-5) — Lab Sample ID: HXC0026-12

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	1.0				%	1		D422	Total/NA
Coarse Sand	5.1				%	1		D422	Total/NA
Medium Sand	24.2				%	1		D422	Total/NA
Fine Sand	19.5				%	1		D422	Total/NA
Silt	39.5				%	1		D422	Total/NA
Clay	10.7				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-3 (1) — Lab Sample ID: HXC0026-13

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	84000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-3 (2) — Lab Sample ID: HXC0026-14

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	210000	B	12000	12000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (3) — Lab Sample ID: HXC0026-15

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	340000	B	12000	12000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (4) — Lab Sample ID: HXC0026-16

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	180000	B	12000	12000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (5) — Lab Sample ID: HXC0026-17

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	140000	B	12000	12000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (1-5) — Lab Sample ID: HXC0026-18

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	11.6				%	1		D422	Total/NA
Coarse Sand	8.2				%	1		D422	Total/NA
Medium Sand	10.3				%	1		D422	Total/NA
Fine Sand	13.2				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-3 (1-5) (Continued) — Lab Sample ID: HXC0026-18

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Silt	48.9				%	1		D422	Total/NA
Clay	7.8				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-4 (1) — Lab Sample ID: HXC0026-19

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	660000	B	25000	25000	ug/Kg	10000		8082	Total/NA

Client Sample ID: VOA-4 (2) — Lab Sample ID: HXC0026-20

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	590000	B	50000	50000	ug/Kg	20000		8082	Total/NA

Client Sample ID: VOA-4 (3) — Lab Sample ID: HXC0026-21

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	960000	B	25000	25000	ug/Kg	10000		8082	Total/NA

Client Sample ID: VOA-4 (4) — Lab Sample ID: HXC0026-22

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	770000	B	25000	25000	ug/Kg	10000		8082	Total/NA

Client Sample ID: VOA-4 (5) — Lab Sample ID: HXC0026-23

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1500000	B	49000	49000	ug/Kg	20000		8082	Total/NA

Client Sample ID: VOA-4 (1-5) — Lab Sample ID: HXC0026-24

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	6.1				%	1		D422	Total/NA
Coarse Sand	9.5				%	1		D422	Total/NA
Medium Sand	29.6				%	1		D422	Total/NA
Fine Sand	22.6				%	1		D422	Total/NA
Silt	27.3				%	1		D422	Total/NA
Clay	4.9				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-5 (1) — Lab Sample ID: HXC0026-25

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	120000	B	5000	5000	ug/Kg	2000		8082	Total/NA

Client Sample ID: VOA-5 (2) — Lab Sample ID: HXC0026-26

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	110000	B	5000	5000	ug/Kg	2000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-5 (3) — Lab Sample ID: HXC0026-27

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	100000	B	5000	5000	ug/Kg	2000		8082	Total/NA

Client Sample ID: VOA-5 (4) — Lab Sample ID: HXC0026-28

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	96000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5 (5) — Lab Sample ID: HXC0026-29

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	78000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5 (1-5) — Lab Sample ID: HXC0026-30

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.2				%	1		D422	Total/NA
Coarse Sand	9.5				%	1		D422	Total/NA
Medium Sand	25.7				%	1		D422	Total/NA
Fine Sand	22.9				%	1		D422	Total/NA
Silt	28.2				%	1		D422	Total/NA
Clay	3.5				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-6 (1) — Lab Sample ID: HXC0026-31

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	75000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6 (2) — Lab Sample ID: HXC0026-32

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	37000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-6 (3) — Lab Sample ID: HXC0026-33

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	22000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-6 (4) — Lab Sample ID: HXC0026-34

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	30000	B	12000	12000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-6 (5) — Lab Sample ID: HXC0026-35

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5100	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-6 (1-5) — Lab Sample ID: HXC0026-36

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-6 (1-5) (Continued) — Lab Sample ID: HXC0026-36

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	22.4				%	1		D422	Total/NA
Coarse Sand	14.1				%	1		D422	Total/NA
Medium Sand	16.4				%	1		D422	Total/NA
Fine Sand	16.0				%	1		D422	Total/NA
Silt	25.4				%	1		D422	Total/NA
Clay	5.7				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-7 (1) — Lab Sample ID: HXC0026-37

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	240	B	25	25	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-7 (2) — Lab Sample ID: HXC0026-38

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270	B	25	25	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-7 (3) — Lab Sample ID: HXC0026-39

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	430	B	50	50	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-7 (4) — Lab Sample ID: HXC0026-40

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	400	B	51	51	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-7 (5) — Lab Sample ID: HXC0026-41

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	290	B	50	50	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-7 (1-5) — Lab Sample ID: HXC0026-42

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	1.5				%	1		D422	Total/NA
Medium Sand	6.7				%	1		D422	Total/NA
Fine Sand	11.3				%	1		D422	Total/NA
Silt	65.2				%	1		D422	Total/NA
Clay	15.3				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-8 (1) — Lab Sample ID: HXC0026-43

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	190		25	25	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-8 (2) — Lab Sample ID: HXC0026-44

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-8 (2) (Continued) — Lab Sample ID: HXC0026-44

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	22000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-8 (3) — Lab Sample ID: HXC0026-45

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	390	B	25	25	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-8 (4) — Lab Sample ID: HXC0026-46

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	410	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-8 (5) — Lab Sample ID: HXC0026-47

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	320	B	25	25	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-8 (1-5) — Lab Sample ID: HXC0026-48

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	1.6				%	1		D422	Total/NA
Medium Sand	10.2				%	1		D422	Total/NA
Fine Sand	13.2				%	1		D422	Total/NA
Silt	56.7				%	1		D422	Total/NA
Clay	18.4				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-9 (1) — Lab Sample ID: HXC0026-49

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5600	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-9 (2) — Lab Sample ID: HXC0026-50

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5600	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-9 (3) — Lab Sample ID: HXC0026-51

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3600	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-9 (4) — Lab Sample ID: HXC0026-52

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-9 (5) — Lab Sample ID: HXC0026-53

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-9 (5) (Continued) — Lab Sample ID: HXC0026-53

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3100	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-9 (1-5) — Lab Sample ID: HXC0026-54

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.3				%	1		D422	Total/NA
Coarse Sand	2.0				%	1		D422	Total/NA
Medium Sand	15.1				%	1		D422	Total/NA
Fine Sand	16.2				%	1		D422	Total/NA
Silt	48.9				%	1		D422	Total/NA
Clay	17.5				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-10 (1) — Lab Sample ID: HXC0026-55

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6200	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-10 (2) — Lab Sample ID: HXC0026-56

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5900	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-10 (3) — Lab Sample ID: HXC0026-57

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6600	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-10 (4) — Lab Sample ID: HXC0026-58

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	13000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-10 (5) — Lab Sample ID: HXC0026-59

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-10 (1-5) — Lab Sample ID: HXC0026-60

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.1				%	1		D422	Total/NA
Coarse Sand	7.3				%	1		D422	Total/NA
Medium Sand	13.6				%	1		D422	Total/NA
Fine Sand	17.6				%	1		D422	Total/NA
Silt	45.0				%	1		D422	Total/NA
Clay	6.4				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-11 (1) — Lab Sample ID: HXC0026-61

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-11 (1) (Continued) — Lab Sample ID: HXC0026-61

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	41000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-11 (2) — Lab Sample ID: HXC0026-62

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	75000	B	5100	5100	ug/Kg	2000		8082	Total/NA

Client Sample ID: VOA-11 (3) — Lab Sample ID: HXC0026-63

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	78000	B	5000	5000	ug/Kg	2000		8082	Total/NA

Client Sample ID: VOA-11 (4) — Lab Sample ID: HXC0026-64

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	49000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-11 (5) — Lab Sample ID: HXC0026-65

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	79000	B	4900	4900	ug/Kg	2000		8082	Total/NA

Client Sample ID: VOA-11 (1-5) — Lab Sample ID: HXC0026-66

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	10.6				%	1		D422	Total/NA
Coarse Sand	8.4				%	1		D422	Total/NA
Medium Sand	24.9				%	1		D422	Total/NA
Fine Sand	31.0				%	1		D422	Total/NA
Silt	22.1				%	1		D422	Total/NA
Clay	3.0				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-12 (1) — Lab Sample ID: HXC0026-67

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	10000000	B	510000	510000	ug/Kg	200000		8082	Total/NA

Client Sample ID: VOA-12 (2) — Lab Sample ID: HXC0026-68

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3100000	B	130000	130000	ug/Kg	50000		8082	Total/NA

Client Sample ID: VOA-12 (3) — Lab Sample ID: HXC0026-69

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	19000000	B	980000	980000	ug/Kg	400000		8082	Total/NA

Client Sample ID: VOA-12 (4) — Lab Sample ID: HXC0026-70

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-12 (4) (Continued) — Lab Sample ID: HXC0026-70

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	10000000	B	500000	500000	ug/Kg	200000		8082	Total/NA

Client Sample ID: VOA-12 (5) — Lab Sample ID: HXC0026-71

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3900000	B	100000	100000	ug/Kg	40000		8082	Total/NA

Client Sample ID: VOA-12 (1-5) — Lab Sample ID: HXC0026-72

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	26.9				%	1		D422	Total/NA
Coarse Sand	21.0				%	1		D422	Total/NA
Medium Sand	21.2				%	1		D422	Total/NA
Fine Sand	15.2				%	1		D422	Total/NA
Silt	11.4				%	1		D422	Total/NA
Clay	4.4				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-13 (1) — Lab Sample ID: HXC0026-73

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-13 (2) — Lab Sample ID: HXC0026-74

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-13 (3) — Lab Sample ID: HXC0026-75

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	250	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-13 (4) — Lab Sample ID: HXC0026-76

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	89	B	2.5	2.5	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-13 (5) — Lab Sample ID: HXC0026-77

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	140	B	13	13	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-13 (1-5) — Lab Sample ID: HXC0026-78

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.6				%	1		D422	Total/NA
Coarse Sand	1.7				%	1		D422	Total/NA
Medium Sand	9.0				%	1		D422	Total/NA
Fine Sand	10.6				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-13 (1-5) (Continued) — Lab Sample ID: HXC0026-78

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Silt	51.4				%	1		D422	Total/NA
Clay	26.8				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-14 (1) — Lab Sample ID: HXC0026-79

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	120	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-14 (2) — Lab Sample ID: HXC0026-80

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	350	B	13	13	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-14 (3) — Lab Sample ID: HXC0026-81

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170	B	13	13	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-14 (4) — Lab Sample ID: HXC0026-82

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	180	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-14 (5) — Lab Sample ID: HXC0026-83

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	180	B	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-14 (1-5) — Lab Sample ID: HXC0026-84

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.5				%	1		D422	Total/NA
Coarse Sand	1.0				%	1		D422	Total/NA
Medium Sand	5.8				%	1		D422	Total/NA
Fine Sand	9.5				%	1		D422	Total/NA
Silt	57.1				%	1		D422	Total/NA
Clay	26.2				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-15 (1) — Lab Sample ID: HXC0026-85

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4500	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-15 (2) — Lab Sample ID: HXC0026-86

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2600	B	250	250	ug/Kg	100		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-15 (3) — Lab Sample ID: HXC0026-87

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2600	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-15 (4) — Lab Sample ID: HXC0026-88

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1000	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-15 (5) — Lab Sample ID: HXC0026-89

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3900	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-15 (1-5) — Lab Sample ID: HXC0026-90

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	1.8				%	1		D422	Total/NA
Coarse Sand	2.6				%	1		D422	Total/NA
Medium Sand	20.7				%	1		D422	Total/NA
Fine Sand	22.6				%	1		D422	Total/NA
Silt	37.4				%	1		D422	Total/NA
Clay	14.9				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-16 (1) — Lab Sample ID: HXC0026-91

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	13000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-16 (2) — Lab Sample ID: HXC0026-92

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	20000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-16 (3) — Lab Sample ID: HXC0026-93

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-16 (4) — Lab Sample ID: HXC0026-94

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230000	B	13000	13000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-16 (5) — Lab Sample ID: HXC0026-95

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	150000	B	13000	13000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-16 (1-5) — Lab Sample ID: HXC0026-96

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-16 (1-5) (Continued) — Lab Sample ID: HXC0026-96

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	5.3				%	1		D422	Total/NA
Coarse Sand	4.5				%	1		D422	Total/NA
Medium Sand	18.5				%	1		D422	Total/NA
Fine Sand	22.0				%	1		D422	Total/NA
Silt	40.8				%	1		D422	Total/NA
Clay	8.8				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-17 (1) — Lab Sample ID: HXC0026-97

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	36000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-17 (2) — Lab Sample ID: HXC0026-98

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	17000	B	1300	1300	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-17 (3) — Lab Sample ID: HXC0026-99

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1700	B	49	49	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-17 (4) — Lab Sample ID: HXC0026-AA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2700	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-17 (5) — Lab Sample ID: HXC0026-AB

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1500	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-17 (1-5) — Lab Sample ID: HXC0026-AC

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	9.6				%	1		D422	Total/NA
Coarse Sand	7.0				%	1		D422	Total/NA
Medium Sand	15.9				%	1		D422	Total/NA
Fine Sand	23.6				%	1		D422	Total/NA
Silt	36.6				%	1		D422	Total/NA
Clay	7.4				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-18 (1) — Lab Sample ID: HXC0026-AD

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-18 (2) — Lab Sample ID: HXC0026-AE

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-18 (2) (Continued) — Lab Sample ID: HXC0026-AE

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	11000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-18 (3) — Lab Sample ID: HXC0026-AF

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	B	510	510	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-18 (4) — Lab Sample ID: HXC0026-AG

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3500	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-18 (5) — Lab Sample ID: HXC0026-AH

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-18 (1-5) — Lab Sample ID: HXC0026-AI

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	17.5				%	1		D422	Total/NA
Coarse Sand	13.4				%	1		D422	Total/NA
Medium Sand	21.7				%	1		D422	Total/NA
Fine Sand	18.9				%	1		D422	Total/NA
Silt	23.0				%	1		D422	Total/NA
Clay	5.6				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-19 (1) — Lab Sample ID: HXC0026-AJ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	35		2.5	2.5	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-19 (2) — Lab Sample ID: HXC0026-AK

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	21		2.5	2.5	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-19 (3) — Lab Sample ID: HXC0026-AL

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	44		2.5	2.5	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-19 (4) — Lab Sample ID: HXC0026-AM

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	11		2.5	2.5	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-19 (5) — Lab Sample ID: HXC0026-AN

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-19 (5) (Continued) — Lab Sample ID: HXC0026-AN

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	99	B	13	13	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-19 (1-5) — Lab Sample ID: HXC0026-AO

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Medium Sand	3.2				%	1		D422	Total/NA
Fine Sand	8.5				%	1		D422	Total/NA
Silt	59.5				%	1		D422	Total/NA
Clay	28.8				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-20 (1) — Lab Sample ID: HXC0026-AP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	610	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-20 (2) — Lab Sample ID: HXC0026-AQ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	930	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-20 (3) — Lab Sample ID: HXC0026-AR

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	390	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-20 (4) — Lab Sample ID: HXC0026-AS

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	540	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-20 (5) — Lab Sample ID: HXC0026-AT

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	490	B	130	130	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-20 (1-5) — Lab Sample ID: HXC0026-AU

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.9				%	1		D422	Total/NA
Medium Sand	11.8				%	1		D422	Total/NA
Fine Sand	14.2				%	1		D422	Total/NA
Silt	50.7				%	1		D422	Total/NA
Clay	22.5				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-21 (1) — Lab Sample ID: HXC0026-AV

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-21 (1) (Continued) — Lab Sample ID: HXC0026-AV

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	27000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-21 (2) — Lab Sample ID: HXC0026-AW

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	52000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-21 (3) — Lab Sample ID: HXC0026-AX

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-21 (4) — Lab Sample ID: HXC0026-AY

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	41000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-21 (5) — Lab Sample ID: HXC0026-AZ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	49000	B	2500	2500	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-21 (1-5) — Lab Sample ID: HXC0026-BA

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	0.3				%	1		D422	Total/NA
Coarse Sand	1.6				%	1		D422	Total/NA
Medium Sand	11.6				%	1		D422	Total/NA
Fine Sand	14.1				%	1		D422	Total/NA
Silt	48.7				%	1		D422	Total/NA
Clay	23.7				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-22 (1) — Lab Sample ID: HXC0026-BB

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-22 (2) — Lab Sample ID: HXC0026-BC

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-22 (3) — Lab Sample ID: HXC0026-BD

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	8600	B	500	500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (4) — Lab Sample ID: HXC0026-BE

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-22 (4) (Continued) — Lab Sample ID: HXC0026-BE

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-22 (5) — Lab Sample ID: HXC0026-BF

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	17000	B	1200	1200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-22 (1-5) — Lab Sample ID: HXC0026-BG

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	2.1				%	1		D422	Total/NA
Coarse Sand	2.7				%	1		D422	Total/NA
Medium Sand	17.0				%	1		D422	Total/NA
Fine Sand	16.3				%	1		D422	Total/NA
Silt	50.6				%	1		D422	Total/NA
Clay	11.4				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-23 (1) — Lab Sample ID: HXC0026-BH

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	430	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-23 (2) — Lab Sample ID: HXC0026-BI

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	700	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-23 (3) — Lab Sample ID: HXC0026-BJ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1800	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-23 (4) — Lab Sample ID: HXC0026-BK

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	550	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-23 (5) — Lab Sample ID: HXC0026-BL

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	760	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-23 (1-5) — Lab Sample ID: HXC0026-BM

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	9.1				%	1		D422	Total/NA
Coarse Sand	5.7				%	1		D422	Total/NA
Medium Sand	16.2				%	1		D422	Total/NA
Fine Sand	24.7				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-23 (1-5) (Continued) — Lab Sample ID: HXC0026-BM

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Silt	37.8				%	1		D422	Total/NA
Clay	6.5				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

Client Sample ID: VOA-24 (1) — Lab Sample ID: HXC0026-BN

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3100	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-24 (2) — Lab Sample ID: HXC0026-BO

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1400	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-24 (3) — Lab Sample ID: HXC0026-BP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5700	B	250	250	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-24 (4) — Lab Sample ID: HXC0026-BQ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3200	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-24 (5) — Lab Sample ID: HXC0026-BR

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1000	B	120	120	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-24 (1-5) — Lab Sample ID: HXC0026-BS

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Gravel	24.5				%	1		D422	Total/NA
Coarse Sand	19.6				%	1		D422	Total/NA
Medium Sand	18.5				%	1		D422	Total/NA
Fine Sand	16.8				%	1		D422	Total/NA
Silt	18.3				%	1		D422	Total/NA
Clay	2.3				%	1		D422	Total/NA
Composited	0.00				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-1 (1)

Lab Sample ID: HXC0026-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1221	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1232	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1242	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1248	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1254	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1260	**560**	**B**	120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*132*		*15 - 150*	*03/12/14 10:24*	*03/12/14 14:12*	*50*

Client Sample ID: VOA-1 (2)

Lab Sample ID: HXC0026-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1221	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1232	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1242	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1248	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1254	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50
PCB-1260	**1800**	**B**	120	120	ug/Kg		03/12/14 10:24	03/12/14 14:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*195*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 14:12*	*50*

Client Sample ID: VOA-1 (3)

Lab Sample ID: HXC0026-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1221	ND		100	100	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1232	ND		50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1242	ND		50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1248	ND		50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1254	ND		50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20
PCB-1260	**960**	**B**	50	50	ug/Kg		03/12/14 10:24	03/12/14 17:10	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*163*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 17:10*	*20*

Client Sample ID: VOA-1 (4)

Lab Sample ID: HXC0026-04
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100
PCB-1260	**2500**	**B**	250	250	ug/Kg		03/12/14 10:24	03/12/14 17:30	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*210*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 17:30*	*100*

Client Sample ID: VOA-1 (5)

Lab Sample ID: HXC0026-05
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1221	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1232	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1242	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1248	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1254	ND		120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50
PCB-1260	**2100**	**B**	120	120	ug/Kg		03/12/14 10:24	03/12/14 14:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*123*		*15 - 150*	*03/12/14 10:24*	*03/12/14 14:50*	*50*

Client Sample ID: VOA-1 (1-5)

Lab Sample ID: HXC0026-06
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**10.5**				%			04/03/14 14:59	1
Coarse Sand	**9.3**				%			04/03/14 14:59	1
Medium Sand	**15.2**				%			04/03/14 14:59	1
Fine Sand	**15.1**				%			04/03/14 14:59	1
Silt	**41.2**				%			04/03/14 14:59	1
Clay	**8.8**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-2 (1)

Lab Sample ID: HXC0026-07
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100
PCB-1260	**7700**	**B**	250	250	ug/Kg		03/12/14 10:24	03/12/14 14:50	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*250*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 14:50*	*100*

Client Sample ID: VOA-2 (2)

Lab Sample ID: HXC0026-08
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100
PCB-1260	**7800**	**B**	250	250	ug/Kg		03/12/14 10:24	03/12/14 15:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*249*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 15:10*	*100*

Client Sample ID: VOA-2 (3)

Lab Sample ID: HXC0026-09
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1221	ND		990	990	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1232	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1242	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1248	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1254	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200
PCB-1260	**12000**	**B**	500	500	ug/Kg		03/12/14 10:24	03/12/14 20:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 20:36*	*200*

Client Sample ID: VOA-2 (4)

Lab Sample ID: HXC0026-10

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1260	**5700**	**B**	250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*201*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 15:52*	*100*

Client Sample ID: VOA-2 (5)

Lab Sample ID: HXC0026-11

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100
PCB-1260	**8300**	**B**	250	250	ug/Kg		03/12/14 10:24	03/12/14 15:52	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*148*		*15 - 150*	*03/12/14 10:24*	*03/12/14 15:52*	*100*

Client Sample ID: VOA-2 (1-5)

Lab Sample ID: HXC0026-12

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**1.0**				%			04/03/14 14:59	1
Coarse Sand	**5.1**				%			04/03/14 14:59	1
Medium Sand	**24.2**				%			04/03/14 14:59	1
Fine Sand	**19.5**				%			04/03/14 14:59	1
Silt	**39.5**				%			04/03/14 14:59	1
Clay	**10.7**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-3 (1)

Lab Sample ID: HXC0026-13

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1221	ND		5000	5000	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1232	ND		2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1242	ND		2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1248	ND		2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1254	ND		2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000
PCB-1260	**84000**	**B**	2500	2500	ug/Kg		03/12/14 10:24	03/12/14 16:45	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*539*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 16:45*	*1000*

Client Sample ID: VOA-3 (2)

Lab Sample ID: HXC0026-14

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1221	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1232	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1242	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1248	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1254	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000
PCB-1260	**210000**	**B**	12000	12000	ug/Kg		03/12/14 10:24	03/12/14 20:36	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*812*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 20:36*	*5000*

Client Sample ID: VOA-3 (3)

Lab Sample ID: HXC0026-15

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1221	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1232	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1242	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1248	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1254	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000
PCB-1260	**340000**	**B**	12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:10	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 17:10*	*5000*

Client Sample ID: VOA-3 (4)

Lab Sample ID: HXC0026-16

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1221	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1232	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1242	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1248	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1254	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000
PCB-1260	**180000**	**B**	12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:30	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 17:30*	*5000*

Client Sample ID: VOA-3 (5)

Lab Sample ID: HXC0026-17

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1221	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1232	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1242	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1248	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1254	ND		12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000
PCB-1260	**140000**	**B**	12000	12000	ug/Kg		03/12/14 10:24	03/12/14 17:51	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1146*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 17:51*	*5000*

Client Sample ID: VOA-3 (1-5)

Lab Sample ID: HXC0026-18

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**11.6**				%			04/03/14 14:59	1
Coarse Sand	**8.2**				%			04/03/14 14:59	1
Medium Sand	**10.3**				%			04/03/14 14:59	1
Fine Sand	**13.2**				%			04/03/14 14:59	1
Silt	**48.9**				%			04/03/14 14:59	1
Clay	**7.8**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-4 (1)

Lab Sample ID: HXC0026-19

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1221	ND		50000	50000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1232	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1242	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1248	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1254	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1260	**660000**	**B**	25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*2686*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 20:56*	*10000*

Client Sample ID: VOA-4 (2)

Lab Sample ID: HXC0026-20

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1221	ND		99000	99000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1232	ND		50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1242	ND		50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1248	ND		50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1254	ND		50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000
PCB-1260	**590000**	**B**	50000	50000	ug/Kg		03/12/14 10:24	03/13/14 15:21	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/13/14 15:21*	*20000*

Client Sample ID: VOA-4 (3)

Lab Sample ID: HXC0026-21

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1221	ND		50000	50000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1232	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1242	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1248	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1254	ND		25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000
PCB-1260	**960000**	**B**	25000	25000	ug/Kg		03/12/14 10:24	03/12/14 20:56	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/12/14 20:56*	*10000*

Client Sample ID: VOA-4 (4)

Lab Sample ID: HXC0026-22

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1221	ND		50000	50000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1232	ND		25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1242	ND		25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1248	ND		25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1254	ND		25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000
PCB-1260	**770000**	**B**	25000	25000	ug/Kg		03/12/14 10:24	03/18/14 12:12	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:24*	*03/18/14 12:12*	*10000*

Client Sample ID: VOA-4 (5)

Lab Sample ID: HXC0026-23

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1221	ND		99000	99000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1232	ND		49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1242	ND		49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1248	ND		49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1254	ND		49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000
PCB-1260	**1500000**	**B**	49000	49000	ug/Kg		03/12/14 10:24	03/18/14 21:30	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*3386*	*X*	*15 - 150*	*03/12/14 10:24*	*03/18/14 21:30*	*20000*

Client Sample ID: VOA-4 (1-5)

Lab Sample ID: HXC0026-24

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**6.1**				%			04/03/14 14:59	1
Coarse Sand	**9.5**				%			04/03/14 14:59	1
Medium Sand	**29.6**				%			04/03/14 14:59	1
Fine Sand	**22.6**				%			04/03/14 14:59	1
Silt	**27.3**				%			04/03/14 14:59	1
Clay	**4.9**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-5 (1)

Lab Sample ID: HXC0026-25

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1221	ND		10000	10000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1232	ND		5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1242	ND		5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1248	ND		5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1254	ND		5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000
PCB-1260	**120000**	**B**	5000	5000	ug/Kg		03/12/14 10:33	03/13/14 10:29	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 10:29*	*2000*

Client Sample ID: VOA-5 (2)

Lab Sample ID: HXC0026-26

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1221	ND		10000	10000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1232	ND		5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1242	ND		5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1248	ND		5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1254	ND		5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000
PCB-1260	**110000**	**B**	5000	5000	ug/Kg		03/12/14 10:33	03/18/14 10:30	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/18/14 10:30*	*2000*

Client Sample ID: VOA-5 (3)

Lab Sample ID: HXC0026-27

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1221	ND		10000	10000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1232	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1242	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1248	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1254	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000
PCB-1260	**100000**	**B**	5000	5000	ug/Kg		03/12/14 10:33	03/12/14 21:17	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*875*	*X*	*15 - 150*	*03/12/14 10:33*	*03/12/14 21:17*	*2000*

Client Sample ID: VOA-5 (4)

Lab Sample ID: HXC0026-28

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1221	ND		5100	5100	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1232	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1242	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1248	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1254	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000
PCB-1260	**96000**	**B**	2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:26	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/12/14 19:26*	*1000*

Client Sample ID: VOA-5 (5)

Lab Sample ID: HXC0026-29

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1221	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1232	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1242	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1248	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1254	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1260	**78000**	**B**	2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*521*	*X*	*15 - 150*	*03/12/14 10:33*	*03/12/14 19:47*	*1000*

Client Sample ID: VOA-5 (1-5)

Lab Sample ID: HXC0026-30

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**10.2**				%			04/03/14 14:59	1
Coarse Sand	**9.5**				%			04/03/14 14:59	1
Medium Sand	**25.7**				%			04/03/14 14:59	1
Fine Sand	**22.9**				%			04/03/14 14:59	1
Silt	**28.2**				%			04/03/14 14:59	1
Clay	**3.5**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-6 (1)

Lab Sample ID: HXC0026-31

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1221	ND		5000	5000	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1232	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1242	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1248	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1254	ND		2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000
PCB-1260	**75000**	**B**	2500	2500	ug/Kg		03/12/14 10:33	03/12/14 19:47	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/12/14 19:47*	*1000*

Client Sample ID: VOA-6 (2)

Lab Sample ID: HXC0026-32

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500
PCB-1260	**37000**	**B**	1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:03	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 00:03*	*500*

Client Sample ID: VOA-6 (3)

Lab Sample ID: HXC0026-33

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500
PCB-1260	**22000**	**B**	1300	1300	ug/Kg		03/12/14 10:33	03/13/14 00:24	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 00:24*	*500*

Client Sample ID: VOA-6 (4)

Lab Sample ID: HXC0026-34

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1221	ND		25000	25000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1232	ND		12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1242	ND		12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1248	ND		12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1254	ND		12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000
PCB-1260	**30000**	**B**	12000	12000	ug/Kg		03/12/14 10:33	03/13/14 12:07	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 12:07*	*5000*

Client Sample ID: VOA-6 (5)

Lab Sample ID: HXC0026-35

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1221	ND		500	500	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1232	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1242	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1248	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1254	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100
PCB-1260	**5100**	**B**	250	250	ug/Kg		03/12/14 10:33	03/13/14 12:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 12:27*	*100*

Client Sample ID: VOA-6 (1-5)

Lab Sample ID: HXC0026-36

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**22.4**				%			04/03/14 14:59	1
Coarse Sand	**14.1**				%			04/03/14 14:59	1
Medium Sand	**16.4**				%			04/03/14 14:59	1
Fine Sand	**16.0**				%			04/03/14 14:59	1
Silt	**25.4**				%			04/03/14 14:59	1
Clay	**5.7**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-7 (1)

Lab Sample ID: HXC0026-37
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1221	ND		50	50	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1232	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1242	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1248	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1254	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10
PCB-1260	**240**	**B**	25	25	ug/Kg		03/12/14 10:33	03/13/14 13:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*149*		*15 - 150*	*03/12/14 10:33*	*03/13/14 13:08*	*10*

Client Sample ID: VOA-7 (2)

Lab Sample ID: HXC0026-38
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1221	ND		50	50	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1232	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1242	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1248	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1254	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1260	**270**	**B**	25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*143*		*15 - 150*	*03/12/14 10:33*	*03/13/14 13:29*	*10*

Client Sample ID: VOA-7 (3)

Lab Sample ID: HXC0026-39
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1221	ND		100	100	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1232	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1242	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1248	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1254	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20
PCB-1260	**430**	**B**	50	50	ug/Kg		03/12/14 10:33	03/12/14 22:41	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*134*		*15 - 150*	*03/12/14 10:33*	*03/12/14 22:41*	*20*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-7 (4)

Lab Sample ID: HXC0026-40
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1221	ND		100	100	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1232	ND		51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1242	ND		51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1248	ND		51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1254	ND		51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20
PCB-1260	**400**	**B**	51	51	ug/Kg		03/12/14 10:33	03/12/14 23:02	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*122*		*15 - 150*	*03/12/14 10:33*	*03/12/14 23:02*	*20*

Client Sample ID: VOA-7 (5)

Lab Sample ID: HXC0026-41
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1221	ND		100	100	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1232	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1242	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1248	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1254	ND		50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20
PCB-1260	**290**	**B**	50	50	ug/Kg		03/12/14 10:33	03/12/14 23:22	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*112*		*15 - 150*	*03/12/14 10:33*	*03/12/14 23:22*	*20*

Client Sample ID: VOA-7 (1-5)

Lab Sample ID: HXC0026-42
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.0**				%			04/03/14 14:59	1
Coarse Sand	**1.5**				%			04/03/14 14:59	1
Medium Sand	**6.7**				%			04/03/14 14:59	1
Fine Sand	**11.3**				%			04/03/14 14:59	1
Silt	**65.2**				%			04/03/14 14:59	1
Clay	**15.3**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-8 (1)

Lab Sample ID: HXC0026-43

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1221	ND		49	49	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1232	ND		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1242	ND		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1248	ND		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1254	ND		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10
PCB-1260	**190**		25	25	ug/Kg		03/18/14 12:44	03/19/14 15:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*122*		*15 - 150*	*03/18/14 12:44*	*03/19/14 15:03*	*10*

Client Sample ID: VOA-8 (2)

Lab Sample ID: HXC0026-44

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500
PCB-1260	**22000**	**B**	1300	1300	ug/Kg		03/12/14 10:33	03/13/14 13:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*282*	*X*	*15 - 150*	*03/12/14 10:33*	*03/13/14 13:49*	*500*

Client Sample ID: VOA-8 (3)

Lab Sample ID: HXC0026-45

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1221	ND		50	50	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1232	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1242	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1248	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1254	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10
PCB-1260	**390**	**B**	25	25	ug/Kg		03/12/14 10:33	03/13/14 13:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 150*	*03/12/14 10:33*	*03/13/14 13:29*	*10*

Client Sample ID: VOA-8 (4)

Lab Sample ID: HXC0026-46
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1221	ND		250	250	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1232	ND		130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1242	ND		130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1248	ND		130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1254	ND		130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50
PCB-1260	**410**	**B**	130	130	ug/Kg		03/12/14 10:33	03/13/14 19:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*131*		*15 - 150*	*03/12/14 10:33*	*03/13/14 19:32*	*50*

Client Sample ID: VOA-8 (5)

Lab Sample ID: HXC0026-47
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1221	ND		51	51	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1232	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1242	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1248	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1254	ND		25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10
PCB-1260	**320**	**B**	25	25	ug/Kg		03/12/14 10:33	03/13/14 13:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*126*		*15 - 150*	*03/12/14 10:33*	*03/13/14 13:49*	*10*

Client Sample ID: VOA-8 (1-5)

Lab Sample ID: HXC0026-48
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.0**				%			04/03/14 14:59	1
Coarse Sand	**1.6**				%			04/03/14 14:59	1
Medium Sand	**10.2**				%			04/03/14 14:59	1
Fine Sand	**13.2**				%			04/03/14 14:59	1
Silt	**56.7**				%			04/03/14 14:59	1
Clay	**18.4**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-9 (1)

Lab Sample ID: HXC0026-49
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1221	ND		2600	2600	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500
PCB-1260	**5600**	**B**	1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:22	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/12/14 23:22*	*500*

Client Sample ID: VOA-9 (2)

Lab Sample ID: HXC0026-50
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500
PCB-1260	**5600**	**B**	1300	1300	ug/Kg		03/12/14 10:29	03/12/14 23:43	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/12/14 23:43*	*500*

Client Sample ID: VOA-9 (3)

Lab Sample ID: HXC0026-51
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1221	ND		2400	2400	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500
PCB-1260	**3600**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:03	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 00:03*	*500*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-9 (4)

Lab Sample ID: HXC0026-52
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1221	ND		2400	2400	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500
PCB-1260	**2000**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:24	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 00:24*	*500*

Client Sample ID: VOA-9 (5)

Lab Sample ID: HXC0026-53
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1260	**3100**	**B**	1300	1300	ug/Kg		03/12/14 10:29	03/13/14 00:44	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 00:44*	*500*

Client Sample ID: VOA-9 (1-5)

Lab Sample ID: HXC0026-54
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.3**				%			04/03/14 14:59	1
Coarse Sand	**2.0**				%			04/03/14 14:59	1
Medium Sand	**15.1**				%			04/03/14 14:59	1
Fine Sand	**16.2**				%			04/03/14 14:59	1
Silt	**48.9**				%			04/03/14 14:59	1
Clay	**17.5**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-10 (1)

Lab Sample ID: HXC0026-55

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1260	**6200**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:05	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 01:05*	*500*

Client Sample ID: VOA-10 (2)

Lab Sample ID: HXC0026-56

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1260	**5900**	**B**	1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:25	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 01:25*	*500*

Client Sample ID: VOA-10 (3)

Lab Sample ID: HXC0026-57

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500
PCB-1260	**6600**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:46	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 01:46*	*500*

Client Sample ID: VOA-10 (4)

Lab Sample ID: HXC0026-58

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500
PCB-1260	**13000**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 00:44	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 00:44*	*500*

Client Sample ID: VOA-10 (5)

Lab Sample ID: HXC0026-59

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1232	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1242	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1248	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1254	ND		1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500
PCB-1260	**18000**	**B**	1300	1300	ug/Kg		03/12/14 10:29	03/13/14 01:05	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 01:05*	*500*

Client Sample ID: VOA-10 (1-5)

Lab Sample ID: HXC0026-60

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**10.1**				%			04/03/14 14:59	1
Coarse Sand	**7.3**				%			04/03/14 14:59	1
Medium Sand	**13.6**				%			04/03/14 14:59	1
Fine Sand	**17.6**				%			04/03/14 14:59	1
Silt	**45.0**				%			04/03/14 14:59	1
Clay	**6.4**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-11 (1)

Lab Sample ID: HXC0026-61

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1221	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1232	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1242	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1248	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1254	ND		1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500
PCB-1260	**41000**	**B**	1200	1200	ug/Kg		03/12/14 10:29	03/13/14 01:25	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 01:25*	*500*

Client Sample ID: VOA-11 (2)

Lab Sample ID: HXC0026-62

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1221	ND		10000	10000	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1232	ND		5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1242	ND		5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1248	ND		5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1254	ND		5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000
PCB-1260	**75000**	**B**	5100	5100	ug/Kg		03/12/14 10:29	03/13/14 08:39	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 08:39*	*2000*

Client Sample ID: VOA-11 (3)

Lab Sample ID: HXC0026-63

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1221	ND		9900	9900	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1232	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1242	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1248	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1254	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000
PCB-1260	**78000**	**B**	5000	5000	ug/Kg		03/12/14 10:29	03/13/14 08:59	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 08:59*	*2000*

Client Sample ID: VOA-11 (4)

Lab Sample ID: HXC0026-64

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1221	ND		5000	5000	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1232	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1242	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1248	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1254	ND		2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000
PCB-1260	**49000**	**B**	2500	2500	ug/Kg		03/12/14 10:29	03/13/14 09:19	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 09:19*	*1000*

Client Sample ID: VOA-11 (5)

Lab Sample ID: HXC0026-65

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1221	ND		9900	9900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1232	ND		4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1242	ND		4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1248	ND		4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1254	ND		4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000
PCB-1260	**79000**	**B**	4900	4900	ug/Kg		03/12/14 10:29	03/13/14 09:40	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 09:40*	*2000*

Client Sample ID: VOA-11 (1-5)

Lab Sample ID: HXC0026-66

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**10.6**				%			04/03/14 14:59	1
Coarse Sand	**8.4**				%			04/03/14 14:59	1
Medium Sand	**24.9**				%			04/03/14 14:59	1
Fine Sand	**31.0**				%			04/03/14 14:59	1
Silt	**22.1**				%			04/03/14 14:59	1
Clay	**3.0**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-12 (1)

Lab Sample ID: HXC0026-67

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1221	ND		1000000	1000000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1232	ND		510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1242	ND		510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1248	ND		510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1254	ND		510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000
PCB-1260	**10000000**	**B**	510000	510000	ug/Kg		03/12/14 10:29	03/13/14 19:12	200000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*32570*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 19:12*	*200000*

Client Sample ID: VOA-12 (2)

Lab Sample ID: HXC0026-68

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1221	ND		250000	250000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1232	ND		130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1242	ND		130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1248	ND		130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1254	ND		130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000
PCB-1260	**3100000**	**B**	130000	130000	ug/Kg		03/12/14 10:29	03/13/14 17:09	50000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 17:09*	*50000*

Client Sample ID: VOA-12 (3)

Lab Sample ID: HXC0026-69

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1221	ND		2000000	2000000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1232	ND		980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1242	ND		980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1248	ND		980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1254	ND		980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000
PCB-1260	**19000000**	**B**	980000	980000	ug/Kg		03/12/14 10:29	03/13/14 17:09	400000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57876*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 17:09*	*400000*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-12 (4)

Lab Sample ID: HXC0026-70

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1221	ND		1000000	1000000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1232	ND		500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1242	ND		500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1248	ND		500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1254	ND		500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000
PCB-1260	**10000000**	**B**	500000	500000	ug/Kg		03/12/14 10:29	03/13/14 19:32	200000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*28626*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 19:32*	*200000*

Client Sample ID: VOA-12 (5)

Lab Sample ID: HXC0026-71

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1221	ND		200000	200000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1232	ND		100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1242	ND		100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1248	ND		100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1254	ND		100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000
PCB-1260	**3900000**	**B**	100000	100000	ug/Kg		03/12/14 10:29	03/13/14 15:21	40000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/12/14 10:29*	*03/13/14 15:21*	*40000*

Client Sample ID: VOA-12 (1-5)

Lab Sample ID: HXC0026-72

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**26.9**				%			04/03/14 14:59	1
Coarse Sand	**21.0**				%			04/03/14 14:59	1
Medium Sand	**21.2**				%			04/03/14 14:59	1
Fine Sand	**15.2**				%			04/03/14 14:59	1
Silt	**11.4**				%			04/03/14 14:59	1
Clay	**4.4**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/18/14 15:39	1

Client Sample ID: VOA-13 (1)

Lab Sample ID: HXC0026-73
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1221	ND		24	24	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5
PCB-1260	**170**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 16:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*15 - 150*	*03/13/14 09:22*	*03/13/14 16:43*	*5*

Client Sample ID: VOA-13 (2)

Lab Sample ID: HXC0026-74
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1260	**170**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 17:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*112*		*15 - 150*	*03/13/14 09:22*	*03/13/14 17:29*	*5*

Client Sample ID: VOA-13 (3)

Lab Sample ID: HXC0026-75
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1260	**250**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*15 - 150*	*03/13/14 09:22*	*03/13/14 17:50*	*5*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-13 (4)

Lab Sample ID: HXC0026-76

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1221	ND		5.1	5.1	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1
PCB-1260	**89**	**B**	2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*15 - 150*	*03/13/14 09:22*	*03/13/14 14:31*	*1*

Client Sample ID: VOA-13 (5)

Lab Sample ID: HXC0026-77

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1232	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1242	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1248	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1254	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5
PCB-1260	**140**	**B**	13	13	ug/Kg		03/13/14 09:22	03/13/14 17:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*15 - 150*	*03/13/14 09:22*	*03/13/14 17:29*	*5*

Client Sample ID: VOA-13 (1-5)

Lab Sample ID: HXC0026-78

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.6**				%			04/03/14 14:59	1
Coarse Sand	**1.7**				%			04/03/14 14:59	1
Medium Sand	**9.0**				%			04/03/14 14:59	1
Fine Sand	**10.6**				%			04/03/14 14:59	1
Silt	**51.4**				%			04/03/14 14:59	1
Clay	**26.8**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-14 (1)

Lab Sample ID: HXC0026-79
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5
PCB-1260	**120**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 17:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*120*		*15 - 150*	*03/13/14 09:22*	*03/13/14 17:50*	*5*

Client Sample ID: VOA-14 (2)

Lab Sample ID: HXC0026-80
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1232	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1242	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1248	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1254	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5
PCB-1260	**350**	**B**	13	13	ug/Kg		03/13/14 09:22	03/13/14 18:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*155*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 18:13*	*5*

Client Sample ID: VOA-14 (3)

Lab Sample ID: HXC0026-81
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1232	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1242	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1248	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1254	ND		13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5
PCB-1260	**170**	**B**	13	13	ug/Kg		03/13/14 09:22	03/13/14 20:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*150*		*15 - 150*	*03/13/14 09:22*	*03/13/14 20:27*	*5*

Client Sample ID: VOA-14 (4)

Lab Sample ID: HXC0026-82
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1221	ND		24	24	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5
PCB-1260	**180**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 20:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*154*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 20:47*	*5*

Client Sample ID: VOA-14 (5)

Lab Sample ID: HXC0026-83
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1221	ND		24	24	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1232	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1242	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1248	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1254	ND		12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5
PCB-1260	**180**	**B**	12	12	ug/Kg		03/13/14 09:22	03/13/14 21:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*111*		*15 - 150*	*03/13/14 09:22*	*03/13/14 21:08*	*5*

Client Sample ID: VOA-14 (1-5)

Lab Sample ID: HXC0026-84
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.5**				%			04/03/14 14:59	1
Coarse Sand	**1.0**				%			04/03/14 14:59	1
Medium Sand	**5.8**				%			04/03/14 14:59	1
Fine Sand	**9.5**				%			04/03/14 14:59	1
Silt	**57.1**				%			04/03/14 14:59	1
Clay	**26.2**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample ID: VOA-15 (1)

Lab Sample ID: HXC0026-85

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1260	**4500**	**B**	1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*214*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 21:49*	*500*

Client Sample ID: VOA-15 (2)

Lab Sample ID: HXC0026-86

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1221	ND		510	510	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1232	ND		250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1242	ND		250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1248	ND		250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1254	ND		250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100
PCB-1260	**2600**	**B**	250	250	ug/Kg		03/13/14 09:22	03/18/14 09:28	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*15 - 150*	*03/13/14 09:22*	*03/18/14 09:28*	*100*

Client Sample ID: VOA-15 (3)

Lab Sample ID: HXC0026-87

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500
PCB-1260	**2600**	**B**	1200	1200	ug/Kg		03/13/14 09:22	03/13/14 21:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 21:49*	*500*

Client Sample ID: VOA-15 (4)

Lab Sample ID: HXC0026-88
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1232	ND		130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1242	ND		130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1248	ND		130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1254	ND		130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50
PCB-1260	**1000**	**B**	130	130	ug/Kg		03/13/14 09:22	03/13/14 20:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*125*		*15 - 150*	*03/13/14 09:22*	*03/13/14 20:27*	*50*

Client Sample ID: VOA-15 (5)

Lab Sample ID: HXC0026-89
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1232	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1242	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1248	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1254	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1260	**3900**	**B**	1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*221*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 22:09*	*500*

Client Sample ID: VOA-15 (1-5)

Lab Sample ID: HXC0026-90
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**1.8**				%			04/03/14 14:59	1
Coarse Sand	**2.6**				%			04/03/14 14:59	1
Medium Sand	**20.7**				%			04/03/14 14:59	1
Fine Sand	**22.6**				%			04/03/14 14:59	1
Silt	**37.4**				%			04/03/14 14:59	1
Clay	**14.9**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-16 (1)

Lab Sample ID: HXC0026-91

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1232	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1242	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1248	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1254	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500
PCB-1260	**13000**	**B**	1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:09	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*168*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 22:09*	*500*

Client Sample ID: VOA-16 (2)

Lab Sample ID: HXC0026-92

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1260	**20000**	**B**	1200	1200	ug/Kg		03/13/14 09:22	03/13/14 22:50	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*574*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 22:50*	*500*

Client Sample ID: VOA-16 (3)

Lab Sample ID: HXC0026-93

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1232	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1242	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1248	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1254	ND		1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500
PCB-1260	**24000**	**B**	1300	1300	ug/Kg		03/13/14 09:22	03/13/14 22:50	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*179*	*X*	*15 - 150*	*03/13/14 09:22*	*03/13/14 22:50*	*500*

Client Sample ID: VOA-16 (4)

Lab Sample ID: HXC0026-94

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1221	ND		25000	25000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1232	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1242	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1248	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1254	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000
PCB-1260	**230000**	**B**	13000	13000	ug/Kg		03/13/14 09:22	03/18/14 09:49	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1945*	*X*	*15 - 150*	*03/13/14 09:22*	*03/18/14 09:49*	*5000*

Client Sample ID: VOA-16 (5)

Lab Sample ID: HXC0026-95

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1221	ND		25000	25000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1232	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1242	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1248	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1254	ND		13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000
PCB-1260	**150000**	**B**	13000	13000	ug/Kg		03/13/14 09:22	03/18/14 10:09	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 09:22*	*03/18/14 10:09*	*5000*

Client Sample ID: VOA-16 (1-5)

Lab Sample ID: HXC0026-96

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**5.3**				%			04/03/14 14:59	1
Coarse Sand	**4.5**				%			04/03/14 14:59	1
Medium Sand	**18.5**				%			04/03/14 14:59	1
Fine Sand	**22.0**				%			04/03/14 14:59	1
Silt	**40.8**				%			04/03/14 14:59	1
Clay	**8.8**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-17 (1)

Lab Sample ID: HXC0026-97
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1221	ND		2400	2400	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1260	**36000**	**B**	1200	1200	ug/Kg		03/13/14 10:13	03/14/14 07:04	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*741*	*X*	*15 - 150*	*03/13/14 10:13*	*03/14/14 07:04*	*500*

Client Sample ID: VOA-17 (2)

Lab Sample ID: HXC0026-98
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1232	ND		1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1242	ND		1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1248	ND		1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1254	ND		1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500
PCB-1260	**17000**	**B**	1300	1300	ug/Kg		03/13/14 10:13	03/14/14 07:04	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:13*	*03/14/14 07:04*	*500*

Client Sample ID: VOA-17 (3)

Lab Sample ID: HXC0026-99
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1221	ND		98	98	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1232	ND		49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1242	ND		49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1248	ND		49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1254	ND		49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20
PCB-1260	**1700**	**B**	49	49	ug/Kg		03/13/14 10:13	03/13/14 21:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*117*		*15 - 150*	*03/13/14 10:13*	*03/13/14 21:08*	*20*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-17 (4)

Lab Sample ID: HXC0026-AA
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1221	ND		240	240	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50
PCB-1260	**2700**	**B**	120	120	ug/Kg		03/13/14 10:13	03/13/14 20:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*139*		*15 - 150*	*03/13/14 10:13*	*03/13/14 20:47*	*50*

Client Sample ID: VOA-17 (5)

Lab Sample ID: HXC0026-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1221	ND		240	240	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50
PCB-1260	**1500**	**B**	120	120	ug/Kg		03/13/14 10:13	03/13/14 21:28	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*125*		*15 - 150*	*03/13/14 10:13*	*03/13/14 21:28*	*50*

Client Sample ID: VOA-17 (1-5)

Lab Sample ID: HXC0026-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**9.6**				%			04/03/14 14:59	1
Coarse Sand	**7.0**				%			04/03/14 14:59	1
Medium Sand	**15.9**				%			04/03/14 14:59	1
Fine Sand	**23.6**				%			04/03/14 14:59	1
Silt	**36.6**				%			04/03/14 14:59	1
Clay	**7.4**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample ID: VOA-18 (1)

Lab Sample ID: HXC0026-AD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1221	ND		5100	5100	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1232	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1242	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1248	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1254	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000
PCB-1260	**24000**	**B**	2500	2500	ug/Kg		03/13/14 10:13	03/18/14 10:30	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 10:30*	*1000*

Client Sample ID: VOA-18 (2)

Lab Sample ID: HXC0026-AE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1221	ND		5000	5000	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1232	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1242	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1248	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1254	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000
PCB-1260	**11000**	**B**	2500	2500	ug/Kg		03/13/14 10:13	03/18/14 20:28	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*208*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 20:28*	*1000*

Client Sample ID: VOA-18 (3)

Lab Sample ID: HXC0026-AF
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1221	ND		1000	1000	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1232	ND		510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1242	ND		510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1248	ND		510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1254	ND		510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200
PCB-1260	**15000**	**B**	510	510	ug/Kg		03/13/14 10:13	03/18/14 20:49	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*333*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 20:49*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-18 (4)

Lab Sample ID: HXC0026-AG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1232	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1242	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1248	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1254	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50
PCB-1260	**3500**	**B**	130	130	ug/Kg		03/13/14 10:13	03/18/14 10:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*134*		*15 - 150*	*03/13/14 10:13*	*03/18/14 10:50*	*50*

Client Sample ID: VOA-18 (5)

Lab Sample ID: HXC0026-AH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500
PCB-1260	**16000**	**B**	1200	1200	ug/Kg		03/13/14 10:13	03/18/14 11:10	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*215*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 11:10*	*500*

Client Sample ID: VOA-18 (1-5)

Lab Sample ID: HXC0026-AI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**17.5**				%			04/03/14 14:59	1
Coarse Sand	**13.4**				%			04/03/14 14:59	1
Medium Sand	**21.7**				%			04/03/14 14:59	1
Fine Sand	**18.9**				%			04/03/14 14:59	1
Silt	**23.0**				%			04/03/14 14:59	1
Clay	**5.6**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-19 (1)

Lab Sample ID: HXC0026-AJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1
PCB-1260	**35**		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*15 - 150*	*03/18/14 15:33*	*03/19/14 13:09*	*1*

Client Sample ID: VOA-19 (2)

Lab Sample ID: HXC0026-AK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1
PCB-1260	**21**		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*15 - 150*	*03/18/14 15:33*	*03/19/14 13:29*	*1*

Client Sample ID: VOA-19 (3)

Lab Sample ID: HXC0026-AL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1
PCB-1260	**44**		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*15 - 150*	*03/18/14 15:33*	*03/19/14 13:50*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-19 (4)

Lab Sample ID: HXC0026-AM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1
PCB-1260	**11**		2.5	2.5	ug/Kg		03/18/14 15:33	03/19/14 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*15 - 150*	*03/18/14 15:33*	*03/19/14 14:10*	*1*

Client Sample ID: VOA-19 (5)

Lab Sample ID: HXC0026-AN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1221	ND		25	25	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1232	ND		13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1242	ND		13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1248	ND		13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1254	ND		13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5
PCB-1260	**99**	**B**	13	13	ug/Kg		03/13/14 10:13	03/18/14 16:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*95*		*15 - 150*	*03/13/14 10:13*	*03/18/14 16:53*	*5*

Client Sample ID: VOA-19 (1-5)

Lab Sample ID: HXC0026-AO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.0**				%			04/03/14 14:59	1
Coarse Sand	**0.0**				%			04/03/14 14:59	1
Medium Sand	**3.2**				%			04/03/14 14:59	1
Fine Sand	**8.5**				%			04/03/14 14:59	1
Silt	**59.5**				%			04/03/14 14:59	1
Clay	**28.8**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-20 (1)

Lab Sample ID: HXC0026-AP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50
PCB-1260	**610**	**B**	120	120	ug/Kg		03/13/14 10:13	03/18/14 16:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*175*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 16:53*	*50*

Client Sample ID: VOA-20 (2)

Lab Sample ID: HXC0026-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1221	ND		260	260	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1232	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1242	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1248	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1254	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50
PCB-1260	**930**	**B**	130	130	ug/Kg		03/13/14 10:13	03/18/14 21:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*461*	*X*	*15 - 150*	*03/13/14 10:13*	*03/18/14 21:09*	*50*

Client Sample ID: VOA-20 (3)

Lab Sample ID: HXC0026-AR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50
PCB-1260	**390**	**B**	120	120	ug/Kg		03/13/14 10:13	03/18/14 20:28	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*117*		*15 - 150*	*03/13/14 10:13*	*03/18/14 20:28*	*50*

Client Sample ID: VOA-20 (4)

Lab Sample ID: HXC0026-AS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1232	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1242	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1248	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1254	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50
PCB-1260	**540**	**B**	130	130	ug/Kg		03/13/14 10:13	03/18/14 20:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*123*		*15 - 150*	*03/13/14 10:13*	*03/18/14 20:49*	*50*

Client Sample ID: VOA-20 (5)

Lab Sample ID: HXC0026-AT
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1232	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1242	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1248	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1254	ND		130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50
PCB-1260	**490**	**B**	130	130	ug/Kg		03/13/14 10:13	03/18/14 21:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*136*		*15 - 150*	*03/13/14 10:13*	*03/18/14 21:30*	*50*

Client Sample ID: VOA-20 (1-5)

Lab Sample ID: HXC0026-AU
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.0**				%			04/03/14 14:59	1
Coarse Sand	**0.9**				%			04/03/14 14:59	1
Medium Sand	**11.8**				%			04/03/14 14:59	1
Fine Sand	**14.2**				%			04/03/14 14:59	1
Silt	**50.7**				%			04/03/14 14:59	1
Clay	**22.5**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-21 (1)

Lab Sample ID: HXC0026-AV
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500
PCB-1260	**27000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 13:48	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 13:48*	*500*

Client Sample ID: VOA-21 (2)

Lab Sample ID: HXC0026-AW
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1221	ND		5000	5000	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1232	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1242	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1248	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1254	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000
PCB-1260	**52000**	**B**	2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:09	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:09*	*1000*

Client Sample ID: VOA-21 (3)

Lab Sample ID: HXC0026-AX
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500
PCB-1260	**18000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:29	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:29*	*500*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-21 (4)

Lab Sample ID: HXC0026-AY
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500
PCB-1260	**41000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 14:50	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*206*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:50*	*500*

Client Sample ID: VOA-21 (5)

Lab Sample ID: HXC0026-AZ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1221	ND		5000	5000	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1232	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1242	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1248	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1254	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000
PCB-1260	**49000**	**B**	2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:11	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 15:11*	*1000*

Client Sample ID: VOA-21 (1-5)

Lab Sample ID: HXC0026-BA
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**0.3**				%			04/03/14 14:59	1
Coarse Sand	**1.6**				%			04/03/14 14:59	1
Medium Sand	**11.6**				%			04/03/14 14:59	1
Fine Sand	**14.1**				%			04/03/14 14:59	1
Silt	**48.7**				%			04/03/14 14:59	1
Clay	**23.7**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-22 (1)

Lab Sample ID: HXC0026-BB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500
PCB-1260	**15000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:31	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*286*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 11:31*	*500*

Client Sample ID: VOA-22 (2)

Lab Sample ID: HXC0026-BC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500
PCB-1260	**15000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 11:52	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 11:52*	*500*

Client Sample ID: VOA-22 (3)

Lab Sample ID: HXC0026-BD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1221	ND		1000	1000	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1232	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1242	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1248	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1254	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200
PCB-1260	**8600**	**B**	500	500	ug/Kg		03/13/14 10:51	03/18/14 12:12	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*233*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 12:12*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-22 (4)

Lab Sample ID: HXC0026-BE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500
PCB-1260	**15000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 12:33	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*339*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 12:33*	*500*

Client Sample ID: VOA-22 (5)

Lab Sample ID: HXC0026-BF
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1221	ND		2500	2500	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1232	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1242	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1248	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1254	ND		1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500
PCB-1260	**17000**	**B**	1200	1200	ug/Kg		03/13/14 10:51	03/18/14 15:31	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 15:31*	*500*

Client Sample ID: VOA-22 (1-5)

Lab Sample ID: HXC0026-BG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**2.1**				%			04/03/14 14:59	1
Coarse Sand	**2.7**				%			04/03/14 14:59	1
Medium Sand	**17.0**				%			04/03/14 14:59	1
Fine Sand	**16.3**				%			04/03/14 14:59	1
Silt	**50.6**				%			04/03/14 14:59	1
Clay	**11.4**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-23 (1)

Lab Sample ID: HXC0026-BH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50
PCB-1260	**430**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 13:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*172*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 13:48*	*50*

Client Sample ID: VOA-23 (2)

Lab Sample ID: HXC0026-BI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50
PCB-1260	**700**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 14:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*154*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:09*	*50*

Client Sample ID: VOA-23 (3)

Lab Sample ID: HXC0026-BJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50
PCB-1260	**1800**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 14:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*176*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:29*	*50*

Client Sample ID: VOA-23 (4)

Lab Sample ID: HXC0026-BK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50
PCB-1260	**550**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 14:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*164*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 14:50*	*50*

Client Sample ID: VOA-23 (5)

Lab Sample ID: HXC0026-BL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50
PCB-1260	**760**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 15:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*160*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 15:11*	*50*

Client Sample ID: VOA-23 (1-5)

Lab Sample ID: HXC0026-BM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**9.1**				%			04/03/14 14:59	1
Coarse Sand	**5.7**				%			04/03/14 14:59	1
Medium Sand	**16.2**				%			04/03/14 14:59	1
Fine Sand	**24.7**				%			04/03/14 14:59	1
Silt	**37.8**				%			04/03/14 14:59	1
Clay	**6.5**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-24 (1)

Lab Sample ID: HXC0026-BN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50
PCB-1260	**3100**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 15:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*184*	*X*	*15 - 150*	*03/13/14 10:51*	*03/18/14 15:31*	*50*

Client Sample ID: VOA-24 (2)

Lab Sample ID: HXC0026-BO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50
PCB-1260	**1400**	**B**	120	120	ug/Kg		03/13/14 10:51	03/18/14 15:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*131*		*15 - 150*	*03/13/14 10:51*	*03/18/14 15:52*	*50*

Client Sample ID: VOA-24 (3)

Lab Sample ID: HXC0026-BP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1221	ND		500	500	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1232	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1242	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1248	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1254	ND		250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100
PCB-1260	**5700**	**B**	250	250	ug/Kg		03/13/14 10:51	03/18/14 16:33	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*112*		*15 - 150*	*03/13/14 10:51*	*03/18/14 16:33*	*100*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-24 (4)

Lab Sample ID: HXC0026-BQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50
PCB-1260	**3200**	**B**	120	120	ug/Kg		03/13/14 10:54	03/18/14 15:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*120*		*15 - 150*	*03/13/14 10:54*	*03/18/14 15:52*	*50*

Client Sample ID: VOA-24 (5)

Lab Sample ID: HXC0026-BR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1221	ND		250	250	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1232	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1242	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1248	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1254	ND		120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50
PCB-1260	**1000**	**B**	120	120	ug/Kg		03/13/14 10:54	03/18/14 16:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*15 - 150*	*03/13/14 10:54*	*03/18/14 16:12*	*50*

Client Sample ID: VOA-24 (1-5)

Lab Sample ID: HXC0026-BS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Method: D422 - Grain Size

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Gravel	**24.5**				%			04/03/14 14:59	1
Coarse Sand	**19.6**				%			04/03/14 14:59	1
Medium Sand	**18.5**				%			04/03/14 14:59	1
Fine Sand	**16.8**				%			04/03/14 14:59	1
Silt	**18.3**				%			04/03/14 14:59	1
Clay	**2.3**				%			04/03/14 14:59	1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Composited	**0.00**				NONE			03/19/14 15:22	1

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
250-17758-A-1-B MS	Matrix Spike	87						
250-17758-A-1-C MSD	Matrix Spike Duplicate	77						
LCS 250-25179/2-A	Lab Control Sample	101						
LCS 250-25180/2-A	Lab Control Sample	93						
LCS 250-25181/2-A	Lab Control Sample	109						
LCS 250-25211/2-A	Lab Control Sample	98						
LCS 250-25217/2-A	Lab Control Sample	107						
LCS 250-25222/2-A	Lab Control Sample	89						
LCS 250-25342/2-A	Lab Control Sample	98						
MB 250-25179/1-A	Method Blank	104						
MB 250-25180/1-A	Method Blank	88						
MB 250-25181/1-A	Method Blank	103						
MB 250-25211/1-A	Method Blank	92						
MB 250-25217/1-A	Method Blank	106						
MB 250-25222/1-A	Method Blank	88						
MB 250-25342/1-A	Method Blank	93						

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0026-01	VOA-1 (1)	132						
HXC0026-02	VOA-1 (2)	195 X						
HXC0026-03	VOA-1 (3)	163 X						
HXC0026-04	VOA-1 (4)	210 X						
HXC0026-05	VOA-1 (5)	123						
HXC0026-07	VOA-2 (1)	250 X						
HXC0026-08	VOA-2 (2)	249 X						
HXC0026-09	VOA-2 (3)	0 X						
HXC0026-10	VOA-2 (4)	201 X						
HXC0026-11	VOA-2 (5)	148						
HXC0026-13	VOA-3 (1)	539 X						
HXC0026-14	VOA-3 (2)	812 X						
HXC0026-15	VOA-3 (3)	0 X						
HXC0026-16	VOA-3 (4)	0 X						
HXC0026-17	VOA-3 (5)	1146 X						
HXC0026-19	VOA-4 (1)	2686 X						
HXC0026-20	VOA-4 (2)	0 X						
HXC0026-21	VOA-4 (3)	0 X						
HXC0026-22	VOA-4 (4)	0 X						
HXC0026-23	VOA-4 (5)	3386 X						
HXC0026-25	VOA-5 (1)	0 X						
HXC0026-26	VOA-5 (2)	0 X						
HXC0026-27	VOA-5 (3)	875 X						

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0026-28	VOA-5 (4)	0 X						
HXC0026-29	VOA-5 (5)	521 X						
HXC0026-31	VOA-6 (1)	0 X						
HXC0026-32	VOA-6 (2)	0 X						
HXC0026-33	VOA-6 (3)	0 X						
HXC0026-34	VOA-6 (4)	0 X						
HXC0026-35	VOA-6 (5)	0 X						
HXC0026-37	VOA-7 (1)	149						
HXC0026-38	VOA-7 (2)	143						
HXC0026-39	VOA-7 (3)	134						
HXC0026-40	VOA-7 (4)	122						
HXC0026-41	VOA-7 (5)	112						
HXC0026-43	VOA-8 (1)	122						
HXC0026-44	VOA-8 (2)	282 X						
HXC0026-45	VOA-8 (3)	108						
HXC0026-46	VOA-8 (4)	131						
HXC0026-47	VOA-8 (5)	126						
HXC0026-49	VOA-9 (1)	0 X						
HXC0026-50	VOA-9 (2)	0 X						
HXC0026-51	VOA-9 (3)	0 X						
HXC0026-52	VOA-9 (4)	0 X						
HXC0026-53	VOA-9 (5)	0 X						
HXC0026-55	VOA-10 (1)	0 X						
HXC0026-56	VOA-10 (2)	0 X						
HXC0026-57	VOA-10 (3)	0 X						
HXC0026-58	VOA-10 (4)	0 X						
HXC0026-59	VOA-10 (5)	0 X						
HXC0026-61	VOA-11 (1)	0 X						
HXC0026-62	VOA-11 (2)	0 X						
HXC0026-63	VOA-11 (3)	0 X						
HXC0026-64	VOA-11 (4)	0 X						
HXC0026-65	VOA-11 (5)	0 X						
HXC0026-67	VOA-12 (1)	32570 X						
HXC0026-68	VOA-12 (2)	0 X						
HXC0026-69	VOA-12 (3)	57876 X						
HXC0026-70	VOA-12 (4)	28626 X						
HXC0026-71	VOA-12 (5)	0 X						
HXC0026-73	VOA-13 (1)	109						
HXC0026-74	VOA-13 (2)	112						
HXC0026-75	VOA-13 (3)	106						
HXC0026-76	VOA-13 (4)	68						
HXC0026-77	VOA-13 (5)	101						
HXC0026-79	VOA-14 (1)	120						
HXC0026-80	VOA-14 (2)	155 X						
HXC0026-81	VOA-14 (3)	150						
HXC0026-82	VOA-14 (4)	154 X						
HXC0026-83	VOA-14 (5)	111						
HXC0026-85	VOA-15 (1)	214 X						
HXC0026-86	VOA-15 (2)	105						

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0026-87	VOA-15 (3)	0 X						
HXC0026-88	VOA-15 (4)	125						
HXC0026-89	VOA-15 (5)	221 X						
HXC0026-91	VOA-16 (1)	168 X						
HXC0026-92	VOA-16 (2)	574 X						
HXC0026-93	VOA-16 (3)	179 X						
HXC0026-94	VOA-16 (4)	1945 X						
HXC0026-95	VOA-16 (5)	0 X						
HXC0026-97	VOA-17 (1)	741 X						
HXC0026-98	VOA-17 (2)	0 X						
HXC0026-99	VOA-17 (3)	117						
HXC0026-AA	VOA-17 (4)	139						
HXC0026-AB	VOA-17 (5)	125						
HXC0026-AD	VOA-18 (1)	0 X						
HXC0026-AE	VOA-18 (2)	208 X						
HXC0026-AF	VOA-18 (3)	333 X						
HXC0026-AG	VOA-18 (4)	134						
HXC0026-AH	VOA-18 (5)	215 X						
HXC0026-AJ	VOA-19 (1)	82						
HXC0026-AK	VOA-19 (2)	82						
HXC0026-AL	VOA-19 (3)	82						
HXC0026-AM	VOA-19 (4)	83						
HXC0026-AN	VOA-19 (5)	95						
HXC0026-AP	VOA-20 (1)	175 X						
HXC0026-AQ	VOA-20 (2)	461 X						
HXC0026-AR	VOA-20 (3)	117						
HXC0026-AS	VOA-20 (4)	123						
HXC0026-AT	VOA-20 (5)	136						
HXC0026-AV	VOA-21 (1)	0 X						
HXC0026-AW	VOA-21 (2)	0 X						
HXC0026-AX	VOA-21 (3)	0 X						
HXC0026-AY	VOA-21 (4)	206 X						
HXC0026-AZ	VOA-21 (5)	0 X						
HXC0026-BB	VOA-22 (1)	286 X						
HXC0026-BC	VOA-22 (2)	0 X						
HXC0026-BD	VOA-22 (3)	233 X						
HXC0026-BE	VOA-22 (4)	339 X						
HXC0026-BF	VOA-22 (5)	0 X						
HXC0026-BH	VOA-23 (1)	172 X						
HXC0026-BI	VOA-23 (2)	154 X						
HXC0026-BJ	VOA-23 (3)	176 X						
HXC0026-BK	VOA-23 (4)	164 X						
HXC0026-BL	VOA-23 (5)	160 X						
HXC0026-BN	VOA-24 (1)	184 X						
HXC0026-BO	VOA-24 (2)	131						
HXC0026-BP	VOA-24 (3)	112						
HXC0026-BQ	VOA-24 (4)	120						
HXC0026-BR	VOA-24 (5)	76						

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Lab Sample ID: MB 250-25179/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25225 — **Prep Batch: 25179**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1
PCB-1260	13.6		2.5	2.5	ug/Kg		03/12/14 10:24	03/12/14 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*15 - 150*	*03/12/14 10:24*	*03/12/14 21:37*	*1*

Lab Sample ID: LCS 250-25179/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25225 — **Prep Batch: 25179**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	49.8	36.2		ug/Kg		73	50 - 150
PCB-1260	49.8	48.2		ug/Kg		97	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*101*		*15 - 150*

Lab Sample ID: MB 250-25180/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25242 — **Prep Batch: 25180**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1
PCB-1260	10.5		2.5	2.5	ug/Kg		03/12/14 10:29	03/13/14 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*15 - 150*	*03/12/14 10:29*	*03/13/14 11:15*	*1*

Lab Sample ID: LCS 250-25180/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25242 — **Prep Batch: 25180**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	49.7	38.3		ug/Kg		77	50 - 150
PCB-1260	49.7	45.5		ug/Kg		92	50 - 150

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

Lab Sample ID: LCS 250-25180/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25242 — **Prep Batch: 25180**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		15 - 150

Lab Sample ID: MB 250-25181/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25225 — **Prep Batch: 25181**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1
PCB-1260	26.1		2.5	2.5	ug/Kg		03/12/14 10:33	03/12/14 22:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	103		15 - 150	03/12/14 10:33	03/12/14 22:21	1

Lab Sample ID: LCS 250-25181/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25225 — **Prep Batch: 25181**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	50.5	38.2		ug/Kg		76	50 - 150
PCB-1260	50.5	48.1		ug/Kg		95	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	109		15 - 150

Lab Sample ID: MB 250-25211/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25248 — **Prep Batch: 25211**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1221	ND		5.1	5.1	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1
PCB-1260	8.55		2.5	2.5	ug/Kg		03/13/14 09:22	03/13/14 13:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	92		15 - 150	03/13/14 09:22	03/13/14 13:08	1

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

Lab Sample ID: LCS 250-25211/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25248 — **Prep Batch: 25211**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	50.5	41.1		ug/Kg		81	50 - 150
PCB-1260	50.5	58.9		ug/Kg		117	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 150*

Lab Sample ID: MB 250-25217/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25242 — **Prep Batch: 25217**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1
PCB-1260	11.3		2.5	2.5	ug/Kg		03/13/14 10:13	03/13/14 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*15 - 150*	*03/13/14 10:13*	*03/13/14 20:07*	*1*

Lab Sample ID: LCS 250-25217/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25351 — **Prep Batch: 25217**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	51.0	35.0		ug/Kg		69	50 - 150
PCB-1260	51.0	51.5		ug/Kg		101	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*107*		*15 - 150*

Lab Sample ID: MB 250-25222/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25351 — **Prep Batch: 25222**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1221	ND		5.0	5.0	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1
PCB-1260	2.94		2.5	2.5	ug/Kg		03/13/14 10:51	03/18/14 16:12	1

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

Lab Sample ID: MB 250-25222/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25351 — **Prep Batch: 25222**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		15 - 150	03/13/14 10:51	03/18/14 16:12	1

Lab Sample ID: LCS 250-25222/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25351 — **Prep Batch: 25222**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	49.5	37.7		ug/Kg		76	50 - 150
PCB-1260	49.5	46.6		ug/Kg		94	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	89		15 - 150

Lab Sample ID: MB 250-25342/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25395 — **Prep Batch: 25342**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1221	ND		4.9	4.9	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1232	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1242	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1248	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1254	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1
PCB-1260	ND		2.5	2.5	ug/Kg		03/18/14 12:44	03/19/14 13:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		15 - 150	03/18/14 12:44	03/19/14 13:50	1

Lab Sample ID: LCS 250-25342/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25395 — **Prep Batch: 25342**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	49.9	39.3		ug/Kg		79	50 - 150
PCB-1260	49.9	42.6		ug/Kg		85	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		15 - 150

Lab Sample ID: 250-17758-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25395 — **Prep Batch: 25342**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		49.3	28.7		ug/Kg		58	20 - 150
PCB-1260	7.1		49.3	45.6		ug/Kg		78	20 - 150

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

Lab Sample ID: 250-17758-A-1-B MS
Matrix: Solid
Analysis Batch: 25395

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 25342

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*15 - 150*

Lab Sample ID: 250-17758-A-1-C MSD
Matrix: Solid
Analysis Batch: 25395

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 25342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		49.9	24.9		ug/Kg		50	20 - 150	14	40
PCB-1260	7.1		49.9	35.7		ug/Kg		57	20 - 150	24	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*77*		*15 - 150*

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

GC Semi VOA

Prep Batch: 25179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-01	VOA-1 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-02	VOA-1 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-03	VOA-1 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-04	VOA-1 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-05	VOA-1 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-07	VOA-2 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-08	VOA-2 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-09	VOA-2 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-10	VOA-2 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-11	VOA-2 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-13	VOA-3 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-14	VOA-3 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-15	VOA-3 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-16	VOA-3 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-17	VOA-3 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-19	VOA-4 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-20	VOA-4 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-21	VOA-4 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-22	VOA-4 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-23	VOA-4 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25179/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25179/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-49	VOA-9 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-50	VOA-9 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-51	VOA-9 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-52	VOA-9 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-53	VOA-9 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-55	VOA-10 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-56	VOA-10 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-57	VOA-10 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-58	VOA-10 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-59	VOA-10 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-61	VOA-11 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-62	VOA-11 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-63	VOA-11 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-64	VOA-11 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-65	VOA-11 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-67	VOA-12 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-68	VOA-12 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-69	VOA-12 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-70	VOA-12 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-71	VOA-12 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25180/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25180/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-25	VOA-5 (1)	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-26	VOA-5 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-27	VOA-5 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-28	VOA-5 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-29	VOA-5 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-31	VOA-6 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-32	VOA-6 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-33	VOA-6 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-34	VOA-6 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-35	VOA-6 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-37	VOA-7 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-38	VOA-7 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-39	VOA-7 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-40	VOA-7 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-41	VOA-7 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-44	VOA-8 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-45	VOA-8 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-46	VOA-8 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-47	VOA-8 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25181/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25181/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-73	VOA-13 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-74	VOA-13 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-75	VOA-13 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-76	VOA-13 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-77	VOA-13 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-79	VOA-14 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-80	VOA-14 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-81	VOA-14 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-82	VOA-14 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-83	VOA-14 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-85	VOA-15 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-86	VOA-15 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-87	VOA-15 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-88	VOA-15 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-89	VOA-15 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-91	VOA-16 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-92	VOA-16 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-93	VOA-16 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-94	VOA-16 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-95	VOA-16 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25211/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25211/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-01	VOA-1 (1)	Total/NA	Solid/Soil	8082	25179
HXC0026-05	VOA-1 (5)	Total/NA	Solid/Soil	8082	25179
HXC0026-09	VOA-2 (3)	Total/NA	Solid/Soil	8082	25179

GC Semi VOA (Continued)

Analysis Batch: 25216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-11	VOA-2 (5)	Total/NA	Solid/Soil	8082	25179
HXC0026-15	VOA-3 (3)	Total/NA	Solid/Soil	8082	25179
HXC0026-16	VOA-3 (4)	Total/NA	Solid/Soil	8082	25179
HXC0026-21	VOA-4 (3)	Total/NA	Solid/Soil	8082	25179
HXC0026-28	VOA-5 (4)	Total/NA	Solid/Soil	8082	25181
HXC0026-31	VOA-6 (1)	Total/NA	Solid/Soil	8082	25181
HXC0026-32	VOA-6 (2)	Total/NA	Solid/Soil	8082	25181
HXC0026-33	VOA-6 (3)	Total/NA	Solid/Soil	8082	25181
HXC0026-39	VOA-7 (3)	Total/NA	Solid/Soil	8082	25181
HXC0026-40	VOA-7 (4)	Total/NA	Solid/Soil	8082	25181
HXC0026-41	VOA-7 (5)	Total/NA	Solid/Soil	8082	25181
HXC0026-58	VOA-10 (4)	Total/NA	Solid/Soil	8082	25180
HXC0026-59	VOA-10 (5)	Total/NA	Solid/Soil	8082	25180
HXC0026-61	VOA-11 (1)	Total/NA	Solid/Soil	8082	25180

Prep Batch: 25217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-97	VOA-17 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-98	VOA-17 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-99	VOA-17 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-AA	VOA-17 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-AB	VOA-17 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-AD	VOA-18 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-AE	VOA-18 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-AF	VOA-18 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-AG	VOA-18 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-AH	VOA-18 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-AN	VOA-19 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-AP	VOA-20 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-AQ	VOA-20 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-AR	VOA-20 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-AS	VOA-20 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-AT	VOA-20 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25217/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25217/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-AV	VOA-21 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-AW	VOA-21 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-AX	VOA-21 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-AY	VOA-21 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-AZ	VOA-21 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-BB	VOA-22 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-BC	VOA-22 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-BD	VOA-22 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-BE	VOA-22 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-BF	VOA-22 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-BH	VOA-23 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-BI	VOA-23 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-BJ	VOA-23 (3)	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-BK	VOA-23 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-BL	VOA-23 (5)	Total/NA	Solid/Soil	3550B	
HXC0026-BN	VOA-24 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-BO	VOA-24 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-BP	VOA-24 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-BQ	VOA-24 (4)	Total/NA	Solid/Soil	3550B	
HXC0026-BR	VOA-24 (5)	Total/NA	Solid/Soil	3550B	
LCS 250-25222/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25222/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-02	VOA-1 (2)	Total/NA	Solid/Soil	8082	25179
HXC0026-03	VOA-1 (3)	Total/NA	Solid/Soil	8082	25179
HXC0026-04	VOA-1 (4)	Total/NA	Solid/Soil	8082	25179
HXC0026-07	VOA-2 (1)	Total/NA	Solid/Soil	8082	25179
HXC0026-08	VOA-2 (2)	Total/NA	Solid/Soil	8082	25179
HXC0026-10	VOA-2 (4)	Total/NA	Solid/Soil	8082	25179
HXC0026-13	VOA-3 (1)	Total/NA	Solid/Soil	8082	25179
HXC0026-14	VOA-3 (2)	Total/NA	Solid/Soil	8082	25179
HXC0026-17	VOA-3 (5)	Total/NA	Solid/Soil	8082	25179
HXC0026-19	VOA-4 (1)	Total/NA	Solid/Soil	8082	25179
HXC0026-27	VOA-5 (3)	Total/NA	Solid/Soil	8082	25181
HXC0026-29	VOA-5 (5)	Total/NA	Solid/Soil	8082	25181
HXC0026-49	VOA-9 (1)	Total/NA	Solid/Soil	8082	25180
HXC0026-50	VOA-9 (2)	Total/NA	Solid/Soil	8082	25180
HXC0026-51	VOA-9 (3)	Total/NA	Solid/Soil	8082	25180
HXC0026-52	VOA-9 (4)	Total/NA	Solid/Soil	8082	25180
HXC0026-53	VOA-9 (5)	Total/NA	Solid/Soil	8082	25180
HXC0026-55	VOA-10 (1)	Total/NA	Solid/Soil	8082	25180
HXC0026-56	VOA-10 (2)	Total/NA	Solid/Soil	8082	25180
HXC0026-57	VOA-10 (3)	Total/NA	Solid/Soil	8082	25180
LCS 250-25179/2-A	Lab Control Sample	Total/NA	Solid	8082	25179
LCS 250-25181/2-A	Lab Control Sample	Total/NA	Solid	8082	25181
MB 250-25179/1-A	Method Blank	Total/NA	Solid	8082	25179
MB 250-25181/1-A	Method Blank	Total/NA	Solid	8082	25181

Analysis Batch: 25242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-37	VOA-7 (1)	Total/NA	Solid/Soil	8082	25181
HXC0026-38	VOA-7 (2)	Total/NA	Solid/Soil	8082	25181
HXC0026-44	VOA-8 (2)	Total/NA	Solid/Soil	8082	25181
HXC0026-67	VOA-12 (1)	Total/NA	Solid/Soil	8082	25180
HXC0026-69	VOA-12 (3)	Total/NA	Solid/Soil	8082	25180
HXC0026-70	VOA-12 (4)	Total/NA	Solid/Soil	8082	25180
HXC0026-71	VOA-12 (5)	Total/NA	Solid/Soil	8082	25180
HXC0026-74	VOA-13 (2)	Total/NA	Solid/Soil	8082	25211
HXC0026-75	VOA-13 (3)	Total/NA	Solid/Soil	8082	25211
HXC0026-80	VOA-14 (2)	Total/NA	Solid/Soil	8082	25211
HXC0026-81	VOA-14 (3)	Total/NA	Solid/Soil	8082	25211
HXC0026-82	VOA-14 (4)	Total/NA	Solid/Soil	8082	25211

GC Semi VOA (Continued)

Analysis Batch: 25242 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-83	VOA-14 (5)	Total/NA	Solid/Soil	8082	25211
HXC0026-85	VOA-15 (1)	Total/NA	Solid/Soil	8082	25211
HXC0026-89	VOA-15 (5)	Total/NA	Solid/Soil	8082	25211
HXC0026-92	VOA-16 (2)	Total/NA	Solid/Soil	8082	25211
HXC0026-97	VOA-17 (1)	Total/NA	Solid/Soil	8082	25217
LCS 250-25180/2-A	Lab Control Sample	Total/NA	Solid	8082	25180
MB 250-25180/1-A	Method Blank	Total/NA	Solid	8082	25180
MB 250-25217/1-A	Method Blank	Total/NA	Solid	8082	25217

Analysis Batch: 25248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-20	VOA-4 (2)	Total/NA	Solid/Soil	8082	25179
HXC0026-25	VOA-5 (1)	Total/NA	Solid/Soil	8082	25181
HXC0026-34	VOA-6 (4)	Total/NA	Solid/Soil	8082	25181
HXC0026-35	VOA-6 (5)	Total/NA	Solid/Soil	8082	25181
HXC0026-45	VOA-8 (3)	Total/NA	Solid/Soil	8082	25181
HXC0026-46	VOA-8 (4)	Total/NA	Solid/Soil	8082	25181
HXC0026-47	VOA-8 (5)	Total/NA	Solid/Soil	8082	25181
HXC0026-62	VOA-11 (2)	Total/NA	Solid/Soil	8082	25180
HXC0026-63	VOA-11 (3)	Total/NA	Solid/Soil	8082	25180
HXC0026-64	VOA-11 (4)	Total/NA	Solid/Soil	8082	25180
HXC0026-65	VOA-11 (5)	Total/NA	Solid/Soil	8082	25180
HXC0026-68	VOA-12 (2)	Total/NA	Solid/Soil	8082	25180
HXC0026-73	VOA-13 (1)	Total/NA	Solid/Soil	8082	25211
HXC0026-76	VOA-13 (4)	Total/NA	Solid/Soil	8082	25211
HXC0026-77	VOA-13 (5)	Total/NA	Solid/Soil	8082	25211
HXC0026-79	VOA-14 (1)	Total/NA	Solid/Soil	8082	25211
HXC0026-87	VOA-15 (3)	Total/NA	Solid/Soil	8082	25211
HXC0026-88	VOA-15 (4)	Total/NA	Solid/Soil	8082	25211
HXC0026-91	VOA-16 (1)	Total/NA	Solid/Soil	8082	25211
HXC0026-93	VOA-16 (3)	Total/NA	Solid/Soil	8082	25211
HXC0026-98	VOA-17 (2)	Total/NA	Solid/Soil	8082	25217
HXC0026-99	VOA-17 (3)	Total/NA	Solid/Soil	8082	25217
HXC0026-AA	VOA-17 (4)	Total/NA	Solid/Soil	8082	25217
HXC0026-AB	VOA-17 (5)	Total/NA	Solid/Soil	8082	25217
LCS 250-25211/2-A	Lab Control Sample	Total/NA	Solid	8082	25211
MB 250-25211/1-A	Method Blank	Total/NA	Solid	8082	25211

Prep Batch: 25342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17758-A-1-B MS	Matrix Spike	Total/NA	Solid	3550B	
250-17758-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
HXC0026-43	VOA-8 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-AJ	VOA-19 (1)	Total/NA	Solid/Soil	3550B	
HXC0026-AK	VOA-19 (2)	Total/NA	Solid/Soil	3550B	
HXC0026-AL	VOA-19 (3)	Total/NA	Solid/Soil	3550B	
HXC0026-AM	VOA-19 (4)	Total/NA	Solid/Soil	3550B	
LCS 250-25342/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25342/1-A	Method Blank	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Analysis Batch: 25351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-23	VOA-4 (5)	Total/NA	Solid/Soil	8082	25179
HXC0026-26	VOA-5 (2)	Total/NA	Solid/Soil	8082	25181
HXC0026-AE	VOA-18 (2)	Total/NA	Solid/Soil	8082	25217
HXC0026-AF	VOA-18 (3)	Total/NA	Solid/Soil	8082	25217
HXC0026-AG	VOA-18 (4)	Total/NA	Solid/Soil	8082	25217
HXC0026-AH	VOA-18 (5)	Total/NA	Solid/Soil	8082	25217
HXC0026-AP	VOA-20 (1)	Total/NA	Solid/Soil	8082	25217
HXC0026-AQ	VOA-20 (2)	Total/NA	Solid/Soil	8082	25217
HXC0026-BB	VOA-22 (1)	Total/NA	Solid/Soil	8082	25222
HXC0026-BC	VOA-22 (2)	Total/NA	Solid/Soil	8082	25222
HXC0026-BD	VOA-22 (3)	Total/NA	Solid/Soil	8082	25222
HXC0026-BE	VOA-22 (4)	Total/NA	Solid/Soil	8082	25222
HXC0026-BH	VOA-23 (1)	Total/NA	Solid/Soil	8082	25222
HXC0026-BI	VOA-23 (2)	Total/NA	Solid/Soil	8082	25222
HXC0026-BJ	VOA-23 (3)	Total/NA	Solid/Soil	8082	25222
HXC0026-BK	VOA-23 (4)	Total/NA	Solid/Soil	8082	25222
HXC0026-BL	VOA-23 (5)	Total/NA	Solid/Soil	8082	25222
HXC0026-BN	VOA-24 (1)	Total/NA	Solid/Soil	8082	25222
HXC0026-BO	VOA-24 (2)	Total/NA	Solid/Soil	8082	25222
LCS 250-25217/2-A	Lab Control Sample	Total/NA	Solid	8082	25217
LCS 250-25222/2-A	Lab Control Sample	Total/NA	Solid	8082	25222
MB 250-25222/1-A	Method Blank	Total/NA	Solid	8082	25222

Analysis Batch: 25352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-22	VOA-4 (4)	Total/NA	Solid/Soil	8082	25179
HXC0026-86	VOA-15 (2)	Total/NA	Solid/Soil	8082	25211
HXC0026-94	VOA-16 (4)	Total/NA	Solid/Soil	8082	25211
HXC0026-95	VOA-16 (5)	Total/NA	Solid/Soil	8082	25211
HXC0026-AD	VOA-18 (1)	Total/NA	Solid/Soil	8082	25217
HXC0026-AN	VOA-19 (5)	Total/NA	Solid/Soil	8082	25217
HXC0026-AR	VOA-20 (3)	Total/NA	Solid/Soil	8082	25217
HXC0026-AS	VOA-20 (4)	Total/NA	Solid/Soil	8082	25217
HXC0026-AT	VOA-20 (5)	Total/NA	Solid/Soil	8082	25217
HXC0026-AV	VOA-21 (1)	Total/NA	Solid/Soil	8082	25222
HXC0026-AW	VOA-21 (2)	Total/NA	Solid/Soil	8082	25222
HXC0026-AX	VOA-21 (3)	Total/NA	Solid/Soil	8082	25222
HXC0026-AY	VOA-21 (4)	Total/NA	Solid/Soil	8082	25222
HXC0026-AZ	VOA-21 (5)	Total/NA	Solid/Soil	8082	25222
HXC0026-BF	VOA-22 (5)	Total/NA	Solid/Soil	8082	25222
HXC0026-BP	VOA-24 (3)	Total/NA	Solid/Soil	8082	25222
HXC0026-BQ	VOA-24 (4)	Total/NA	Solid/Soil	8082	25222
HXC0026-BR	VOA-24 (5)	Total/NA	Solid/Soil	8082	25222

Analysis Batch: 25393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-AJ	VOA-19 (1)	Total/NA	Solid/Soil	8082	25342
HXC0026-AK	VOA-19 (2)	Total/NA	Solid/Soil	8082	25342
HXC0026-AL	VOA-19 (3)	Total/NA	Solid/Soil	8082	25342
HXC0026-AM	VOA-19 (4)	Total/NA	Solid/Soil	8082	25342

GC Semi VOA (Continued)

Analysis Batch: 25395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17758-A-1-B MS	Matrix Spike	Total/NA	Solid	8082	25342
250-17758-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	25342
HXC0026-43	VOA-8 (1)	Total/NA	Solid/Soil	8082	25342
LCS 250-25342/2-A	Lab Control Sample	Total/NA	Solid	8082	25342
MB 250-25342/1-A	Method Blank	Total/NA	Solid	8082	25342

General Chemistry

Analysis Batch: 25184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-19 DU	HXC0026-19	Total/NA	Solid	D2216-80	
HXC0026-01	VOA-1 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-02	VOA-1 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-03	VOA-1 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-04	VOA-1 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-05	VOA-1 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-07	VOA-2 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-08	VOA-2 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-09	VOA-2 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-10	VOA-2 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-11	VOA-2 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-13	VOA-3 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-14	VOA-3 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-15	VOA-3 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-16	VOA-3 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-17	VOA-3 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-19	VOA-4 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-20	VOA-4 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-21	VOA-4 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-22	VOA-4 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-23	VOA-4 (5)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-29 DU	HXC0026-29	Total/NA	Solid	D2216-80	
HXC0026-25	VOA-5 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-26	VOA-5 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-27	VOA-5 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-28	VOA-5 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-29	VOA-5 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-31	VOA-6 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-32	VOA-6 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-33	VOA-6 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-34	VOA-6 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-35	VOA-6 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-37	VOA-7 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-38	VOA-7 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-39	VOA-7 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-40	VOA-7 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-41	VOA-7 (5)	Total/NA	Solid/Soil	D2216-80	

General Chemistry (Continued)

Analysis Batch: 25186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-43	VOA-8 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-44	VOA-8 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-45	VOA-8 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-46	VOA-8 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-47	VOA-8 (5)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-49 DU	HXC0026-49	Total/NA	Solid	D2216-80	
HXC0026-49	VOA-9 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-50	VOA-9 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-51	VOA-9 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-52	VOA-9 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-53	VOA-9 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-55	VOA-10 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-56	VOA-10 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-57	VOA-10 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-58	VOA-10 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-59	VOA-10 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-61	VOA-11 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-62	VOA-11 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-63	VOA-11 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-64	VOA-11 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-65	VOA-11 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-67	VOA-12 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-68	VOA-12 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-69	VOA-12 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-70	VOA-12 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-71	VOA-12 (5)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-73 DU	HXC0026-73	Total/NA	Solid	D2216-80	
HXC0026-73	VOA-13 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-74	VOA-13 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-75	VOA-13 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-76	VOA-13 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-77	VOA-13 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-79	VOA-14 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-80	VOA-14 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-81	VOA-14 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-82	VOA-14 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-83	VOA-14 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-85	VOA-15 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-86	VOA-15 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-87	VOA-15 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-88	VOA-15 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-89	VOA-15 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-91	VOA-16 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-92	VOA-16 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-93	VOA-16 (3)	Total/NA	Solid/Soil	D2216-80	

General Chemistry (Continued)

Analysis Batch: 25220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-94	VOA-16 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-95	VOA-16 (5)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-97 DU	HXC0026-97	Total/NA	Solid	D2216-80	
HXC0026-97	VOA-17 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-98	VOA-17 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-99	VOA-17 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AA	VOA-17 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AB	VOA-17 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AD	VOA-18 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AE	VOA-18 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AF	VOA-18 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AG	VOA-18 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AH	VOA-18 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AJ	VOA-19 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AK	VOA-19 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AL	VOA-19 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AM	VOA-19 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AN	VOA-19 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AP	VOA-20 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AQ	VOA-20 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AR	VOA-20 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AS	VOA-20 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AT	VOA-20 (5)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-17690-121 DU	HXC0026-AV	Total/NA	Solid	D2216-80	
HXC0026-AV	VOA-21 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AW	VOA-21 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AX	VOA-21 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AY	VOA-21 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-AZ	VOA-21 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BB	VOA-22 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BC	VOA-22 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BD	VOA-22 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BE	VOA-22 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BF	VOA-22 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BH	VOA-23 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BI	VOA-23 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BJ	VOA-23 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BK	VOA-23 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BL	VOA-23 (5)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BN	VOA-24 (1)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BO	VOA-24 (2)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BP	VOA-24 (3)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BQ	VOA-24 (4)	Total/NA	Solid/Soil	D2216-80	
HXC0026-BR	VOA-24 (5)	Total/NA	Solid/Soil	D2216-80	

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Geotechnical

Analysis Batch: 156435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-06	VOA-1 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-12	VOA-2 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-18	VOA-3 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-24	VOA-4 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-30	VOA-5 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-36	VOA-6 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-42	VOA-7 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-48	VOA-8 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-54	VOA-9 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-60	VOA-10 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-66	VOA-11 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-72	VOA-12 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-78	VOA-13 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-84	VOA-14 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-90	VOA-15 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-96	VOA-16 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-AC	VOA-17 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-AI	VOA-18 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-AO	VOA-19 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-AU	VOA-20 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-BA	VOA-21 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-BG	VOA-22 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-BM	VOA-23 (1-5)	Total/NA	Solid/Soil	D422	
HXC0026-BS	VOA-24 (1-5)	Total/NA	Solid/Soil	D422	

Organic Prep

Analysis Batch: 25353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-06	VOA-1 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-12	VOA-2 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-18	VOA-3 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-24	VOA-4 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-30	VOA-5 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-36	VOA-6 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-42	VOA-7 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-48	VOA-8 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-54	VOA-9 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-60	VOA-10 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-66	VOA-11 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-72	VOA-12 (1-5)	Total/NA	Solid/Soil	Composite	

Analysis Batch: 25397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-78	VOA-13 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-84	VOA-14 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-90	VOA-15 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-96	VOA-16 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-AC	VOA-17 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-AI	VOA-18 (1-5)	Total/NA	Solid/Soil	Composite	

Organic Prep (Continued)

Analysis Batch: 25397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0026-AO	VOA-19 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-AU	VOA-20 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-BA	VOA-21 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-BG	VOA-22 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-BM	VOA-23 (1-5)	Total/NA	Solid/Soil	Composite	
HXC0026-BS	VOA-24 (1-5)	Total/NA	Solid/Soil	Composite	

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-1 (1)

Lab Sample ID: HXC0026-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		50	25216	03/12/14 14:12	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-1 (2)

Lab Sample ID: HXC0026-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		50	25225	03/12/14 14:12	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-1 (3)

Lab Sample ID: HXC0026-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		20	25225	03/12/14 17:10	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-1 (4)

Lab Sample ID: HXC0026-04
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		100	25225	03/12/14 17:30	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-1 (5)

Lab Sample ID: HXC0026-05
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		50	25216	03/12/14 14:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-1 (1-5)

Lab Sample ID: HXC0026-06

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-2 (1)

Lab Sample ID: HXC0026-07

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		100	25225	03/12/14 14:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-2 (2)

Lab Sample ID: HXC0026-08

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		100	25225	03/12/14 15:10	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-2 (3)

Lab Sample ID: HXC0026-09

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		200	25216	03/12/14 20:36	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-2 (4)

Lab Sample ID: HXC0026-10

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		100	25225	03/12/14 15:52	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-2 (5)

Lab Sample ID: HXC0026-11
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		100	25216	03/12/14 15:52	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-2 (1-5)

Lab Sample ID: HXC0026-12
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-3 (1)

Lab Sample ID: HXC0026-13
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		1000	25225	03/12/14 16:45	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-3 (2)

Lab Sample ID: HXC0026-14
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		5000	25225	03/12/14 20:36	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-3 (3)

Lab Sample ID: HXC0026-15
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		5000	25216	03/12/14 17:10	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-3 (4)

Lab Sample ID: HXC0026-16

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		5000	25216	03/12/14 17:30	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-3 (5)

Lab Sample ID: HXC0026-17

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		5000	25225	03/12/14 17:51	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-3 (1-5)

Lab Sample ID: HXC0026-18

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-4 (1)

Lab Sample ID: HXC0026-19

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		10000	25225	03/12/14 20:56	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-4 (2)

Lab Sample ID: HXC0026-20

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		20000	25248	03/13/14 15:21	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-4 (3)

Lab Sample ID: HXC0026-21
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		10000	25216	03/12/14 20:56	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-4 (4)

Lab Sample ID: HXC0026-22
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		10000	25352	03/18/14 12:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-4 (5)

Lab Sample ID: HXC0026-23
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25179	03/12/14 10:24	ELP	TAL PRT
Total/NA	Analysis	8082		20000	25351	03/18/14 21:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25184	03/12/14 11:12	BJ1	TAL PRT

Client Sample ID: VOA-4 (1-5)

Lab Sample ID: HXC0026-24
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-5 (1)

Lab Sample ID: HXC0026-25
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		2000	25248	03/13/14 10:29	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-5 (2)

Lab Sample ID: HXC0026-26
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		2000	25351	03/18/14 10:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-5 (3)

Lab Sample ID: HXC0026-27
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		2000	25225	03/12/14 21:17	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-5 (4)

Lab Sample ID: HXC0026-28
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		1000	25216	03/12/14 19:26	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-5 (5)

Lab Sample ID: HXC0026-29
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		1000	25225	03/12/14 19:47	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-5 (1-5)

Lab Sample ID: HXC0026-30
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-6 (1)

Lab Sample ID: HXC0026-31
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		1000	25216	03/12/14 19:47	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-6 (2)

Lab Sample ID: HXC0026-32
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		500	25216	03/13/14 00:03	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-6 (3)

Lab Sample ID: HXC0026-33
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		500	25216	03/13/14 00:24	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-6 (4)

Lab Sample ID: HXC0026-34
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		5000	25248	03/13/14 12:07	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-6 (5)

Lab Sample ID: HXC0026-35
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		100	25248	03/13/14 12:27	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-6 (1-5)

Lab Sample ID: HXC0026-36
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-7 (1)

Lab Sample ID: HXC0026-37
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		10	25242	03/13/14 13:08	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-7 (2)

Lab Sample ID: HXC0026-38
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		10	25242	03/13/14 13:29	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-7 (3)

Lab Sample ID: HXC0026-39
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		20	25216	03/12/14 22:41	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-7 (4)

Lab Sample ID: HXC0026-40
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		20	25216	03/12/14 23:02	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-7 (5)

Lab Sample ID: HXC0026-41
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		20	25216	03/12/14 23:22	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-7 (1-5)

Lab Sample ID: HXC0026-42
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-8 (1)

Lab Sample ID: HXC0026-43
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25342	03/18/14 12:44	CAD	TAL PRT
Total/NA	Analysis	8082		10	25395	03/19/14 15:03	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-8 (2)

Lab Sample ID: HXC0026-44
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		500	25242	03/13/14 13:49	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-8 (3)

Lab Sample ID: HXC0026-45
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		10	25248	03/13/14 13:29	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-8 (4)

Lab Sample ID: HXC0026-46
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		50	25248	03/13/14 19:32	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-8 (5)

Lab Sample ID: HXC0026-47
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25181	03/12/14 10:33	NMI	TAL PRT
Total/NA	Analysis	8082		10	25248	03/13/14 13:49	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25186	03/12/14 11:28	TDB	TAL PRT

Client Sample ID: VOA-8 (1-5)

Lab Sample ID: HXC0026-48
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-9 (1)

Lab Sample ID: HXC0026-49
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/12/14 23:22	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-9 (2)

Lab Sample ID: HXC0026-50
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/12/14 23:43	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-9 (3)

Lab Sample ID: HXC0026-51
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 00:03	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-9 (4)

Lab Sample ID: HXC0026-52
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 00:24	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-9 (5)

Lab Sample ID: HXC0026-53
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 00:44	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-9 (1-5)

Lab Sample ID: HXC0026-54
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-10 (1)

Lab Sample ID: HXC0026-55
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 01:05	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-10 (2)

Lab Sample ID: HXC0026-56

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 01:25	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-10 (3)

Lab Sample ID: HXC0026-57

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25225	03/13/14 01:46	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-10 (4)

Lab Sample ID: HXC0026-58

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25216	03/13/14 00:44	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-10 (5)

Lab Sample ID: HXC0026-59

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25216	03/13/14 01:05	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-10 (1-5)

Lab Sample ID: HXC0026-60

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-11 (1)

Lab Sample ID: HXC0026-61
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		500	25216	03/13/14 01:25	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-11 (2)

Lab Sample ID: HXC0026-62
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		2000	25248	03/13/14 08:39	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-11 (3)

Lab Sample ID: HXC0026-63
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		2000	25248	03/13/14 08:59	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-11 (4)

Lab Sample ID: HXC0026-64
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		1000	25248	03/13/14 09:19	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-11 (5)

Lab Sample ID: HXC0026-65
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		2000	25248	03/13/14 09:40	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-11 (1-5)

Lab Sample ID: HXC0026-66
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-12 (1)

Lab Sample ID: HXC0026-67
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		200000	25242	03/13/14 19:12	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-12 (2)

Lab Sample ID: HXC0026-68
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		50000	25248	03/13/14 17:09	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-12 (3)

Lab Sample ID: HXC0026-69
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		400000	25242	03/13/14 17:09	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-12 (4)

Lab Sample ID: HXC0026-70
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		200000	25242	03/13/14 19:32	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-12 (5)

Lab Sample ID: HXC0026-71

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25180	03/12/14 10:29	ELP	TAL PRT
Total/NA	Analysis	8082		40000	25242	03/13/14 15:21	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25195	03/12/14 12:22	BJ1	TAL PRT

Client Sample ID: VOA-12 (1-5)

Lab Sample ID: HXC0026-72

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25353	03/18/14 15:39	TDB	TAL PRT

Client Sample ID: VOA-13 (1)

Lab Sample ID: HXC0026-73

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25248	03/13/14 16:43	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-13 (2)

Lab Sample ID: HXC0026-74

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 17:29	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-13 (3)

Lab Sample ID: HXC0026-75

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 17:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-13 (4)

Lab Sample ID: HXC0026-76
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		1	25248	03/13/14 14:31	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-13 (5)

Lab Sample ID: HXC0026-77
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25248	03/13/14 17:29	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-13 (1-5)

Lab Sample ID: HXC0026-78
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-14 (1)

Lab Sample ID: HXC0026-79
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25248	03/13/14 17:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-14 (2)

Lab Sample ID: HXC0026-80
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 18:13	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-14 (3)

Lab Sample ID: HXC0026-81
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 20:27	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-14 (4)

Lab Sample ID: HXC0026-82
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 20:47	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-14 (5)

Lab Sample ID: HXC0026-83
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25242	03/13/14 21:08	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-14 (1-5)

Lab Sample ID: HXC0026-84
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-15 (1)

Lab Sample ID: HXC0026-85
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25242	03/13/14 21:49	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-15 (2)

Lab Sample ID: HXC0026-86
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		100	25352	03/18/14 09:28	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-15 (3)

Lab Sample ID: HXC0026-87
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25248	03/13/14 21:49	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-15 (4)

Lab Sample ID: HXC0026-88
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		50	25248	03/13/14 20:27	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-15 (5)

Lab Sample ID: HXC0026-89
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25242	03/13/14 22:09	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-15 (1-5)

Lab Sample ID: HXC0026-90
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-16 (1)

Lab Sample ID: HXC0026-91

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25248	03/13/14 22:09	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-16 (2)

Lab Sample ID: HXC0026-92

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25242	03/13/14 22:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-16 (3)

Lab Sample ID: HXC0026-93

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		500	25248	03/13/14 22:50	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-16 (4)

Lab Sample ID: HXC0026-94

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25352	03/18/14 09:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Client Sample ID: VOA-16 (5)

Lab Sample ID: HXC0026-95

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25211	03/13/14 09:22	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25352	03/18/14 10:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25220	03/13/14 10:40	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-16 (1-5)

Lab Sample ID: HXC0026-96

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-17 (1)

Lab Sample ID: HXC0026-97

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		500	25242	03/14/14 07:04	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-17 (2)

Lab Sample ID: HXC0026-98

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		500	25248	03/14/14 07:04	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-17 (3)

Lab Sample ID: HXC0026-99

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		20	25248	03/13/14 21:08	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-17 (4)

Lab Sample ID: HXC0026-AA

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25248	03/13/14 20:47	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-17 (5)

Lab Sample ID: HXC0026-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25248	03/13/14 21:28	YYX	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-17 (1-5)

Lab Sample ID: HXC0026-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-18 (1)

Lab Sample ID: HXC0026-AD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25352	03/18/14 10:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-18 (2)

Lab Sample ID: HXC0026-AE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25351	03/18/14 20:28	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-18 (3)

Lab Sample ID: HXC0026-AF
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		200	25351	03/18/14 20:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-18 (4)

Lab Sample ID: HXC0026-AG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 10:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-18 (5)

Lab Sample ID: HXC0026-AH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		500	25351	03/18/14 11:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-18 (1-5)

Lab Sample ID: HXC0026-AI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-19 (1)

Lab Sample ID: HXC0026-AJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25342	03/18/14 15:33	CAD	TAL PRT
Total/NA	Analysis	8082		1	25393	03/19/14 13:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-19 (2)

Lab Sample ID: HXC0026-AK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25342	03/18/14 15:33	CAD	TAL PRT
Total/NA	Analysis	8082		1	25393	03/19/14 13:29	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-19 (3)

Lab Sample ID: HXC0026-AL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25342	03/18/14 15:33	CAD	TAL PRT
Total/NA	Analysis	8082		1	25393	03/19/14 13:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-19 (4)

Lab Sample ID: HXC0026-AM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25342	03/18/14 15:33	CAD	TAL PRT
Total/NA	Analysis	8082		1	25393	03/19/14 14:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-19 (5)

Lab Sample ID: HXC0026-AN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		5	25352	03/18/14 16:53	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-19 (1-5)

Lab Sample ID: HXC0026-AO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-20 (1)

Lab Sample ID: HXC0026-AP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 16:53	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-20 (2)

Lab Sample ID: HXC0026-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 21:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-20 (3)

Lab Sample ID: HXC0026-AR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25352	03/18/14 20:28	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-20 (4)

Lab Sample ID: HXC0026-AS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25352	03/18/14 20:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-20 (5)

Lab Sample ID: HXC0026-AT
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25217	03/13/14 10:13	CAD	TAL PRT
Total/NA	Analysis	8082		50	25352	03/18/14 21:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25221	03/13/14 10:42	TDB	TAL PRT

Client Sample ID: VOA-20 (1-5)

Lab Sample ID: HXC0026-AU
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-21 (1)

Lab Sample ID: HXC0026-AV
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25352	03/18/14 13:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-21 (2)

Lab Sample ID: HXC0026-AW
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25352	03/18/14 14:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-21 (3)

Lab Sample ID: HXC0026-AX
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25352	03/18/14 14:29	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-21 (4)

Lab Sample ID: HXC0026-AY
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25352	03/18/14 14:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-21 (5)

Lab Sample ID: HXC0026-AZ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25352	03/18/14 15:11	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-21 (1-5)

Lab Sample ID: HXC0026-BA
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-22 (1)

Lab Sample ID: HXC0026-BB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25351	03/18/14 11:31	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-22 (2)

Lab Sample ID: HXC0026-BC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25351	03/18/14 11:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-22 (3)

Lab Sample ID: HXC0026-BD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		200	25351	03/18/14 12:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-22 (4)

Lab Sample ID: HXC0026-BE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25351	03/18/14 12:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-22 (5)

Lab Sample ID: HXC0026-BF
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		500	25352	03/18/14 15:31	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-22 (1-5)

Lab Sample ID: HXC0026-BG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-23 (1)

Lab Sample ID: HXC0026-BH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 13:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-23 (2)

Lab Sample ID: HXC0026-BI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 14:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-23 (3)

Lab Sample ID: HXC0026-BJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 14:29	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-23 (4)

Lab Sample ID: HXC0026-BK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 14:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-23 (5)

Lab Sample ID: HXC0026-BL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 15:11	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-23 (1-5)

Lab Sample ID: HXC0026-BM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Client Sample ID: VOA-24 (1)

Lab Sample ID: HXC0026-BN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 15:31	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-24 (2)

Lab Sample ID: HXC0026-BO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		50	25351	03/18/14 15:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Client Sample ID: VOA-24 (3)

Lab Sample ID: HXC0026-BP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:51	CAD	TAL PRT
Total/NA	Analysis	8082		100	25352	03/18/14 16:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-24 (4)

Lab Sample ID: HXC0026-BQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:54	CAD	TAL PRT
Total/NA	Analysis	8082		50	25352	03/18/14 15:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-24 (5)

Lab Sample ID: HXC0026-BR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25222	03/13/14 10:54	CAD	TAL PRT
Total/NA	Analysis	8082		50	25352	03/18/14 16:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25231	03/13/14 12:59	TDB	TAL PRT

Client Sample ID: VOA-24 (1-5)

Lab Sample ID: HXC0026-BS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D422		1	156435	04/03/14 14:59	HJM	TAL SEA
Total/NA	Analysis	Composite		1	25397	03/19/14 15:22	TDB	TAL PRT

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Portland

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Oregon	NELAP	10	OR100021	01-09-15

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-113	07-25-15
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	04-08-17
Washington	State Program	10	C553	02-17-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0026

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PRT
D2216-80	Percent Dry Weight (Solids) per ASTM D2216-80	ASTM	TAL PRT
D422	Grain Size	ASTM	TAL SEA
Composite	Sample Compositing	NONE	TAL PRT

Protocol References:

ASTM = ASTM International

NONE = NONE

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

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

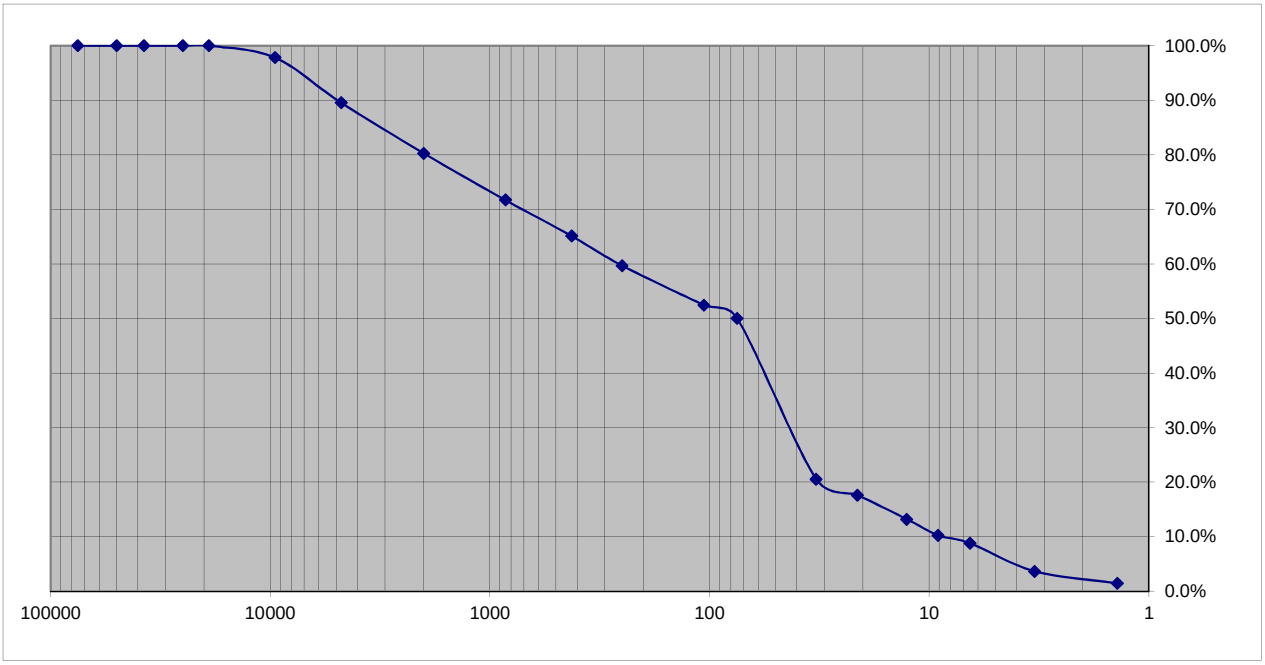
Grain Size ASTM D422

42863-1

Largest Partical Size 3/8 inch

Partical Size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	97.8%	2.2%
#4	4750	89.5%	8.3%
#10	2000	80.3%	9.3%
#20	850	71.7%	8.6%
#40	425	65.1%	6.6%
#60	250	59.7%	5.4%
#140	106	52.5%	7.2%
#200	75	50.1%	2.4%
Hydrometer	33	20.6%	29.5%
Hydrometer	21	17.6%	2.9%
Hydrometer	13	13.2%	4.4%
Hydrometer	9	10.3%	2.9%
Hydrometer	7	8.8%	1.5%
Hydrometer	3	3.7%	5.1%
Hydrometer	1	1.5%	2.2%

Soil Clasification Percent	42863-1
Gravel	10.5%
Sand	39.5%
Corse Sand	9.3%
Medium Sand	15.2%
Fine Sand	15.1%
Silt	41.2%
Clay	8.8%



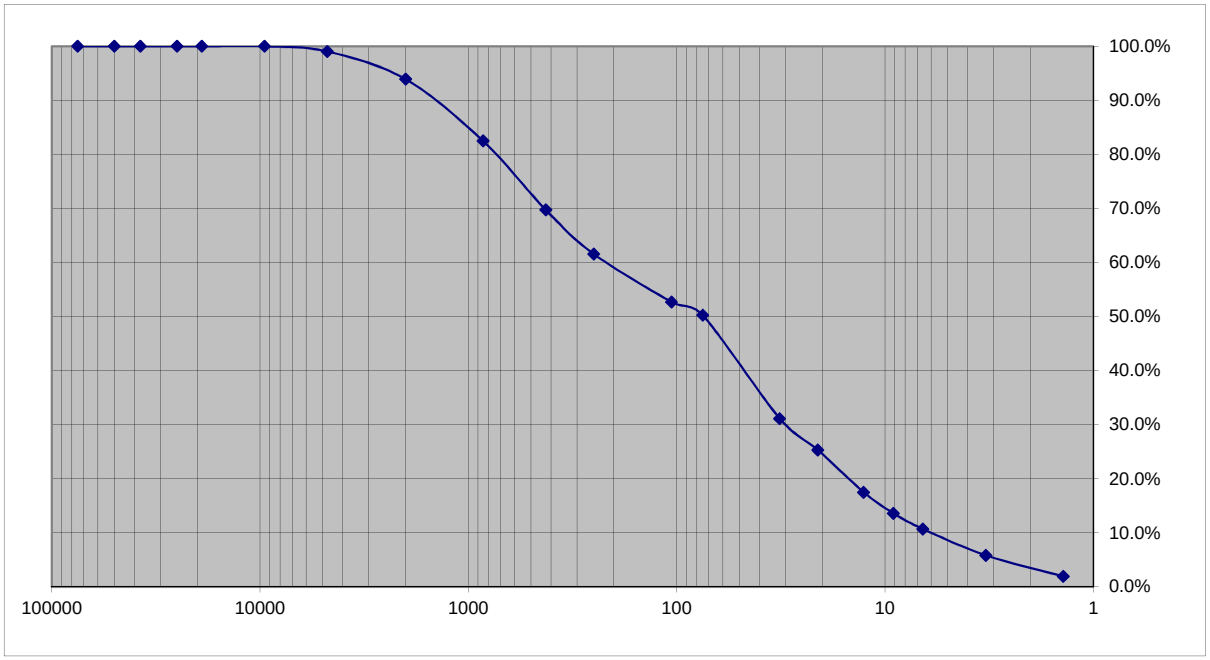
Grain Size ASTM D422

42863-2

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	99.0%	1.0%
#10	2000	93.9%	5.1%
#20	850	82.5%	11.4%
#40	425	69.7%	12.8%
#60	250	61.6%	8.2%
#140	106	52.7%	8.8%
#200	75	50.2%	2.5%
Hydrometer	32.01209	31.1%	19.1%
Hydrometer	20.96953	25.3%	5.8%
Hydrometer	12.65849	17.5%	7.8%
Hydrometer	9.122722	13.6%	3.9%
Hydrometer	6.569986	10.7%	2.9%
Hydrometer	3.276	5.8%	4.9%
Hydrometer	1.393147	1.9%	3.9%

Soil Clasification Percent	42863-2
Gravel	1.0%
Sand	48.8%
Corse Sand	5.1%
Medium Sand	24.2%
Fine Sand	19.5%
Silt	39.5%
Clay	10.7%



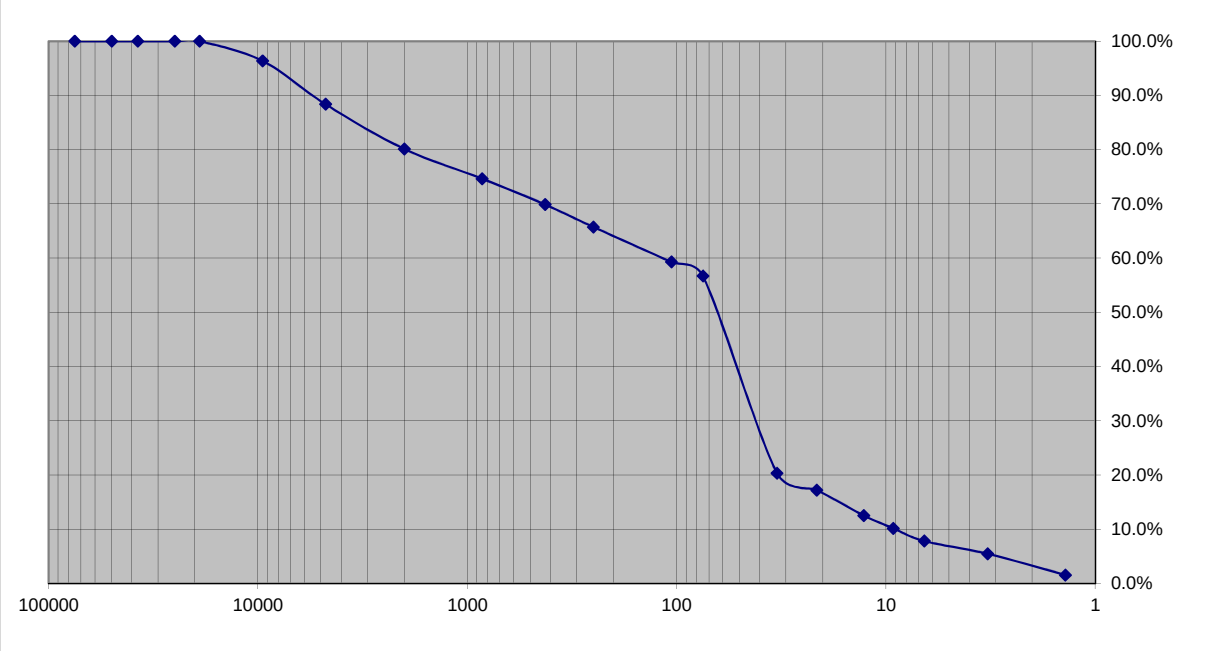
Grain Size ASTM D422

42863-3

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	96.4%	3.6%
#4	4750	88.4%	8.0%
#10	2000	80.1%	8.2%
#20	850	74.7%	5.5%
#40	425	69.9%	4.8%
#60	250	65.8%	4.1%
#140	106	59.3%	6.5%
#200	75	56.7%	2.6%
Hydrometer	33.15573	20.4%	36.4%
Hydrometer	21.40919	17.2%	3.1%
Hydrometer	12.75624	12.5%	4.7%
Hydrometer	9.224276	10.2%	2.3%
Hydrometer	6.569986	7.8%	2.3%
Hydrometer	3.276	5.5%	2.3%
Hydrometer	1.393147	1.6%	3.9%

Soil Clasification Percent	42863-3
Gravel	11.6%
Sand	31.7%
Corse Sand	8.2%
Medium Sand	10.3%
Fine Sand	13.2%
Silt	48.9%
Clay	7.8%



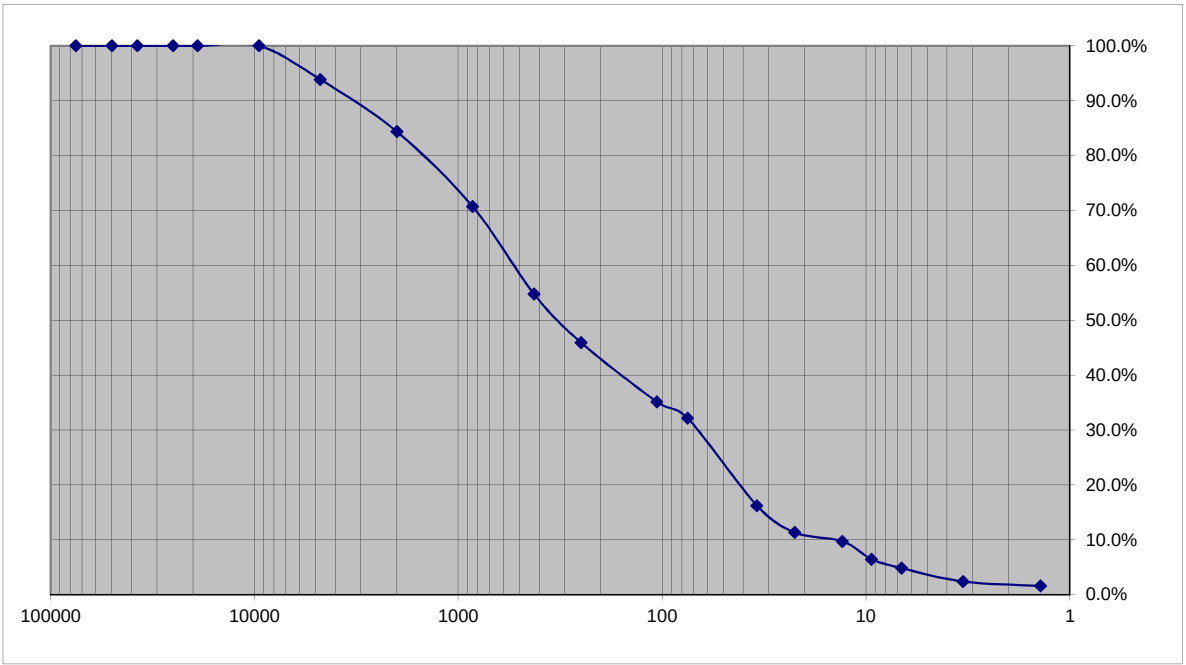
Grain Size ASTM D422

42863-4

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	93.9%	6.1%
#10	2000	84.4%	9.5%
#20	850	70.7%	13.7%
#40	425	54.8%	15.9%
#60	250	46.0%	8.8%
#140	106	35.1%	10.8%
#200	75	32.2%	3.0%
Hydrometer	34.26123	16.3%	15.9%
Hydrometer	22.34601	11.4%	4.9%
Hydrometer	13.0451	9.8%	1.6%
Hydrometer	9.391094	6.5%	3.3%
Hydrometer	6.687107	4.9%	1.6%
Hydrometer	3.343553	2.4%	2.4%
Hydrometer	1.393147	1.6%	0.8%

Soil Clasification Percent	42863-4
Gravel	6.1%
Sand	61.7%
Corse Sand	9.5%
Medium Sand	29.6%
Fine Sand	22.6%
Silt	27.3%
Clay	4.9%



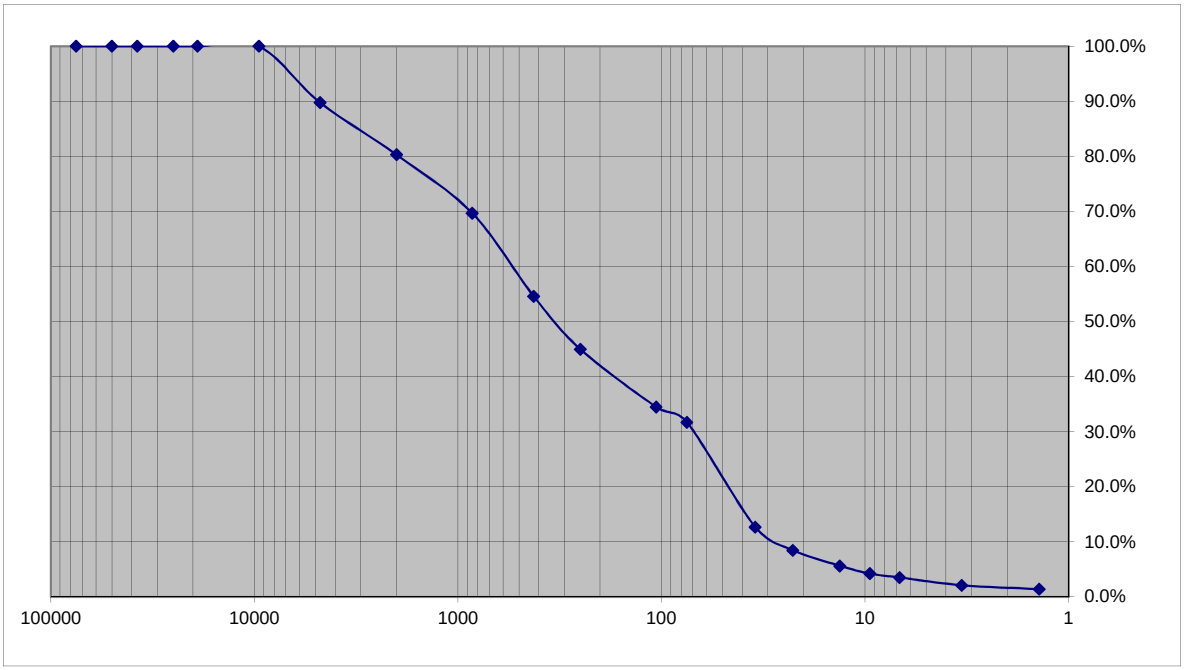
Grain Size ASTM D422

42863-5

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	89.8%	10.2%
#10	2000	80.3%	9.5%
#20	850	69.7%	10.6%
#40	425	54.6%	15.1%
#60	250	45.0%	9.6%
#140	106	34.5%	10.5%
#200	75	31.7%	2.8%
Hydrometer	34.6667	12.7%	19.0%
Hydrometer	22.59477	8.5%	4.2%
Hydrometer	13.28101	5.6%	2.8%
Hydrometer	9.456997	4.2%	1.4%
Hydrometer	6.756405	3.5%	0.7%
Hydrometer	3.343553	2.1%	1.4%
Hydrometer	1.393147	1.4%	0.7%

Soil Clasification Percent	42863-5
Gravel	10.2%
Sand	58.0%
Corse Sand	9.5%
Medium Sand	25.7%
Fine Sand	22.9%
Silt	28.2%
Clay	3.5%



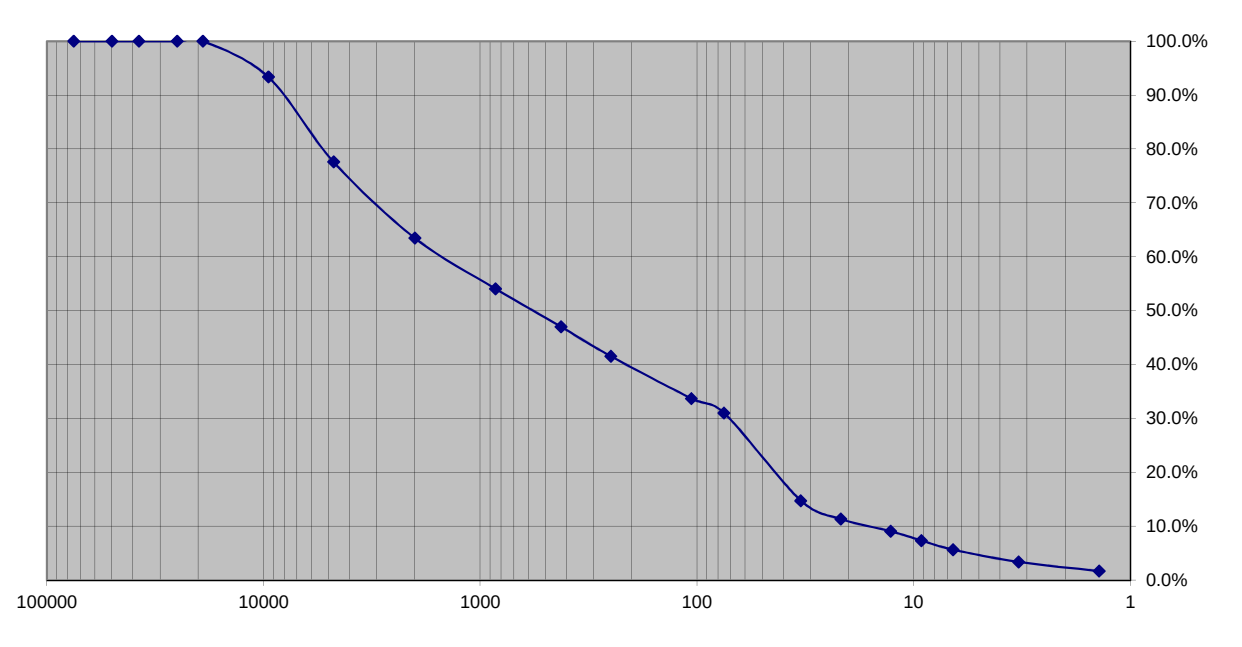
Grain Size ASTM D422

42863-6

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	93.4%	6.6%
#4	4750	77.6%	15.8%
#10	2000	63.5%	14.1%
#20	850	54.1%	9.4%
#40	425	47.1%	7.0%
#60	250	41.6%	5.5%
#140	106	33.7%	7.9%
#200	75	31.1%	2.7%
Hydrometer	33.155735	14.8%	16.3%
Hydrometer	21.668703	11.4%	3.4%
Hydrometer	12.75624	9.1%	2.3%
Hydrometer	9.2242764	7.4%	1.7%
Hydrometer	6.5699857	5.7%	1.7%
Hydrometer	3.276	3.4%	2.3%
Hydrometer	1.3931473	1.7%	1.7%

Soil Clasification Percent	42863-6
Gravel	22.4%
Sand	46.6%
Corse Sand	14.1%
Medium Sand	16.4%
Fine Sand	16.0%
Silt	25.4%
Clay	5.7%



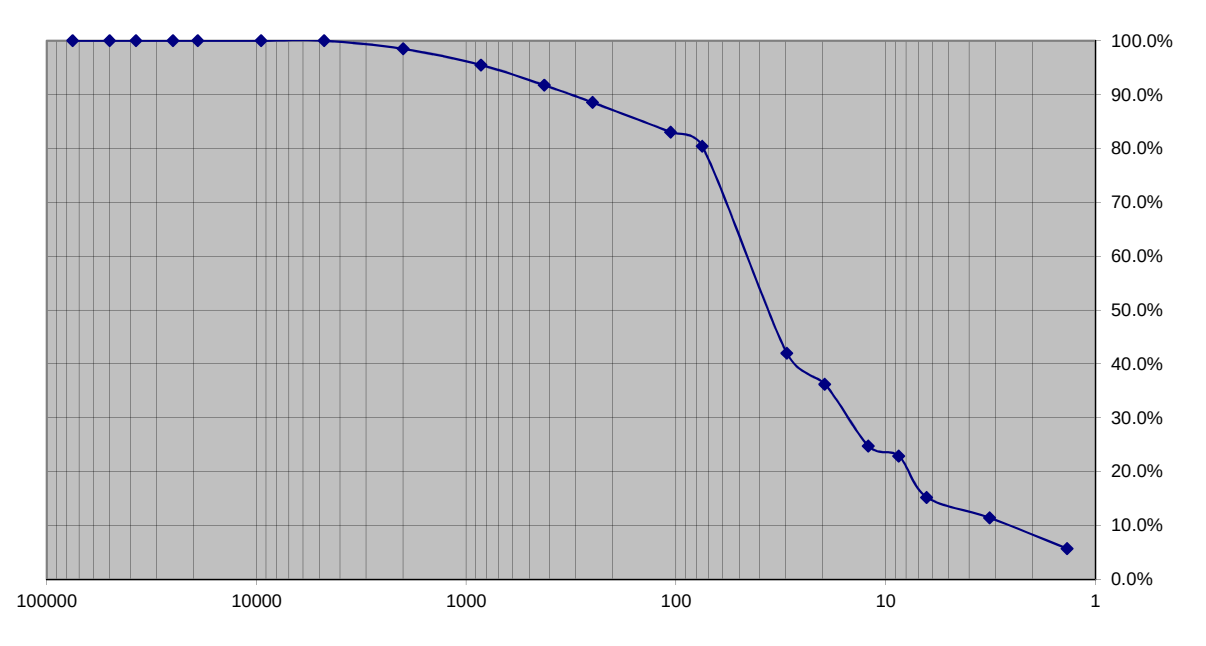
Grain Size ASTM D422

42863-7

Largest Partical Size #10

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	100.0%	0.0%
#10	2000	98.5%	1.5%
#20	850	95.5%	3.0%
#40	425	91.7%	3.7%
#60	250	88.5%	3.2%
#140	106	83.0%	5.5%
#200	75	80.4%	2.6%
Hydrometer	29.59249	42.0%	38.5%
Hydrometer	19.4961	36.3%	5.7%
Hydrometer	12.10676	24.8%	11.4%
Hydrometer	8.668914	22.9%	1.9%
Hydrometer	6.37812	15.3%	7.6%
Hydrometer	3.195383	11.4%	3.8%
Hydrometer	1.365	5.7%	5.7%

Soil Clasification Percent	42863-7
Gravel	0.0%
Sand	19.6%
Corse Sand	1.5%
Medium Sand	6.7%
Fine Sand	11.3%
Silt	65.2%
Clay	15.3%



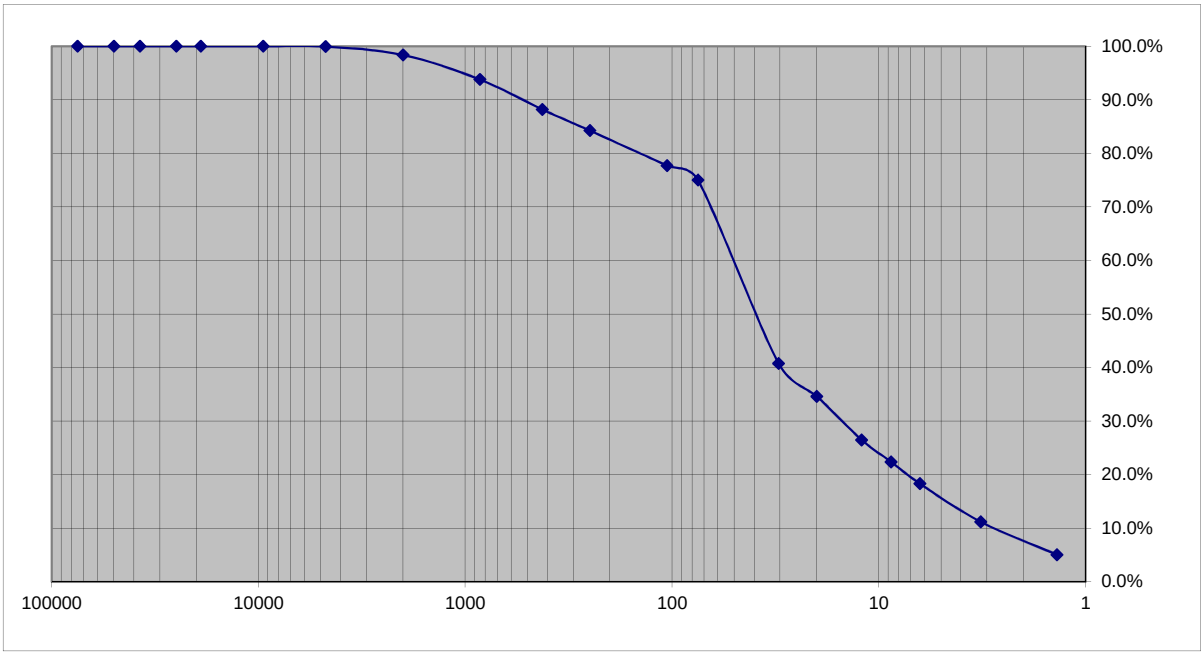
Grain Size ASTM D422

42863-8

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	100.0%	0.0%
#10	2000	98.4%	1.6%
#20	850	93.8%	4.6%
#40	425	88.2%	5.6%
#60	250	84.3%	4.0%
#140	106	77.7%	6.5%
#200	75	75.0%	2.7%
Hydrometer	30.52233	40.8%	34.2%
Hydrometer	19.96823	34.7%	6.1%
Hydrometer	12.10676	26.5%	8.2%
Hydrometer	8.740265	22.4%	4.1%
Hydrometer	6.329245	18.4%	4.1%
Hydrometer	3.218623	11.2%	7.1%
Hydrometer	1.379145	5.1%	6.1%

Soil Clasification Percent	42863-8
Gravel	0.0%
Sand	24.9%
Corse Sand	1.6%
Medium Sand	10.2%
Fine Sand	13.2%
Silt	56.7%
Clay	18.4%



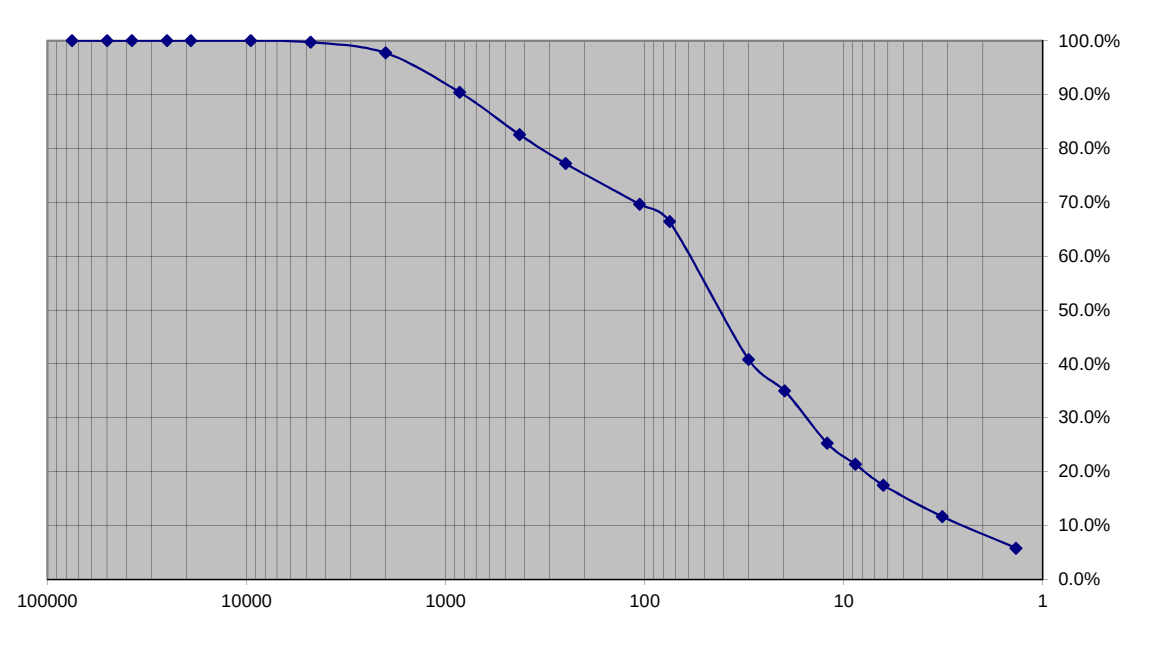
Grain Size ASTM D422

42863-9

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	99.7%	0.3%
#10	2000	97.7%	2.0%
#20	850	90.4%	7.3%
#40	425	82.6%	7.9%
#60	250	77.2%	5.4%
#140	106	69.7%	7.6%
#200	75	66.4%	3.2%
Hydrometer	30.06101	40.8%	25.6%
Hydrometer	19.78073	35.0%	5.8%
Hydrometer	12.10676	25.3%	9.7%
Hydrometer	8.740265	21.4%	3.9%
Hydrometer	6.329245	17.5%	3.9%
Hydrometer	3.195383	11.7%	5.8%
Hydrometer	1.365	5.8%	5.8%

Soil Clasification Percent	42863-9
Gravel	0.3%
Sand	33.3%
Corse Sand	2.0%
Medium Sand	15.1%
Fine Sand	16.2%
Silt	48.9%
Clay	17.5%



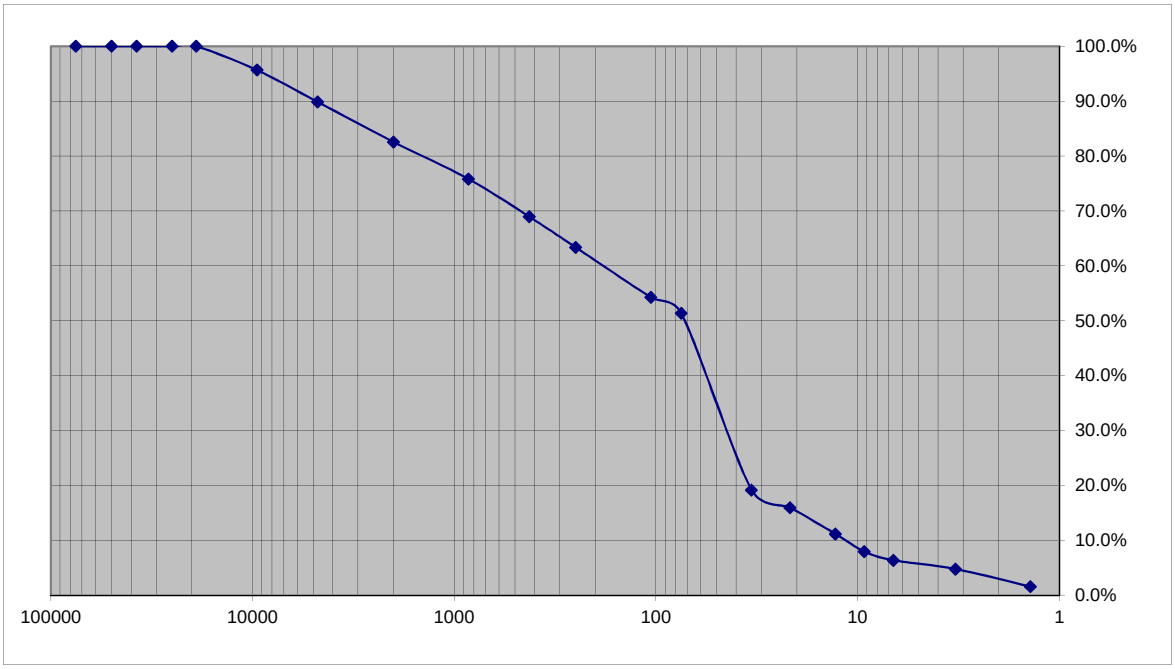
Grain Size ASTM D422

42863-10

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	95.7%	4.3%
#4	4750	89.9%	5.8%
#10	2000	82.6%	7.3%
#20	850	75.8%	6.7%
#40	425	69.0%	6.9%
#60	250	63.4%	5.6%
#140	106	54.3%	9.1%
#200	75	51.4%	2.9%
Hydrometer	33.57456	19.2%	32.2%
Hydrometer	21.6687	16.0%	3.2%
Hydrometer	12.90148	11.2%	4.8%
Hydrometer	9.291363	8.0%	3.2%
Hydrometer	6.640506	6.4%	1.6%
Hydrometer	3.276	4.8%	1.6%
Hydrometer	1.393147	1.6%	3.2%

Soil Clasification Percent	42863-10
Gravel	10.1%
Sand	38.5%
Corse Sand	7.3%
Medium Sand	13.6%
Fine Sand	17.6%
Silt	45.0%
Clay	6.4%



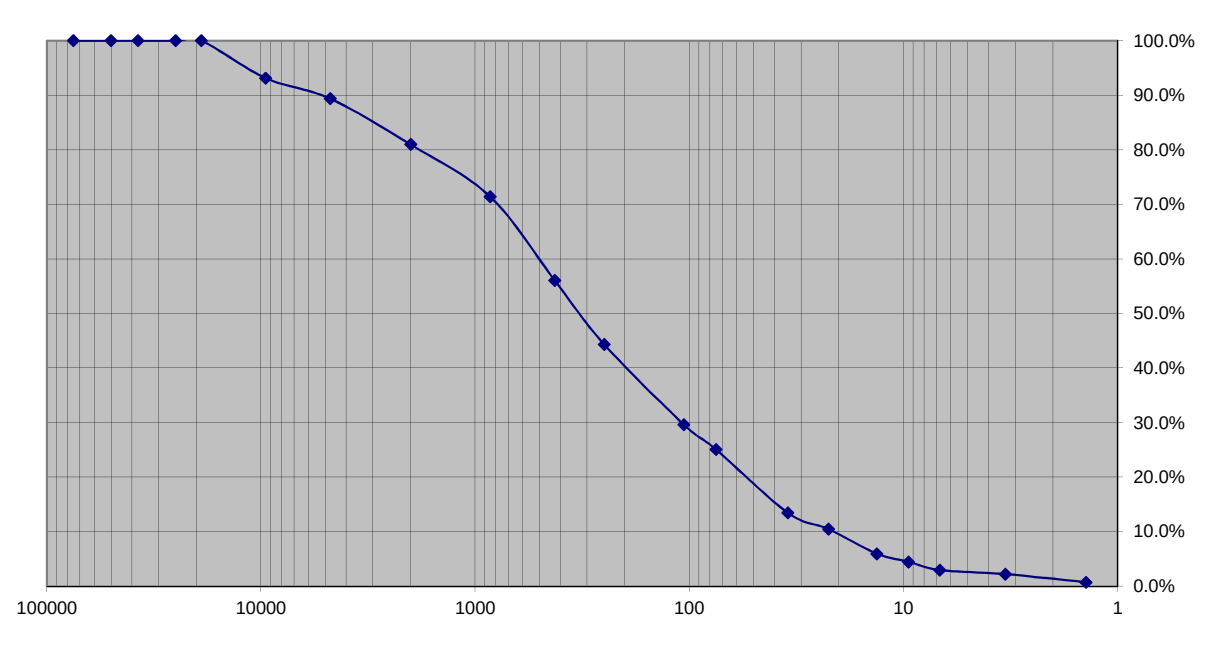
Grain Size ASTM D422

42863-11

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	93.2%	6.8%
#4	4750	89.4%	3.8%
#10	2000	81.0%	8.4%
#20	850	71.4%	9.6%
#40	425	56.1%	15.3%
#60	250	44.4%	11.7%
#140	106	29.6%	14.7%
#200	75	25.1%	4.6%
Hydrometer	34.666701	13.5%	11.6%
Hydrometer	22.346013	10.5%	3.0%
Hydrometer	13.281013	6.0%	4.5%
Hydrometer	9.4569974	4.5%	1.5%
Hydrometer	6.7564053	3.0%	1.5%
Hydrometer	3.3435535	2.2%	0.7%
Hydrometer	1.4024042	0.7%	1.5%

Soil Clasification Percent	42863-11
Gravel	10.6%
Sand	64.3%
Corse Sand	8.4%
Medium Sand	24.9%
Fine Sand	31.0%
Silt	22.1%
Clay	3.0%



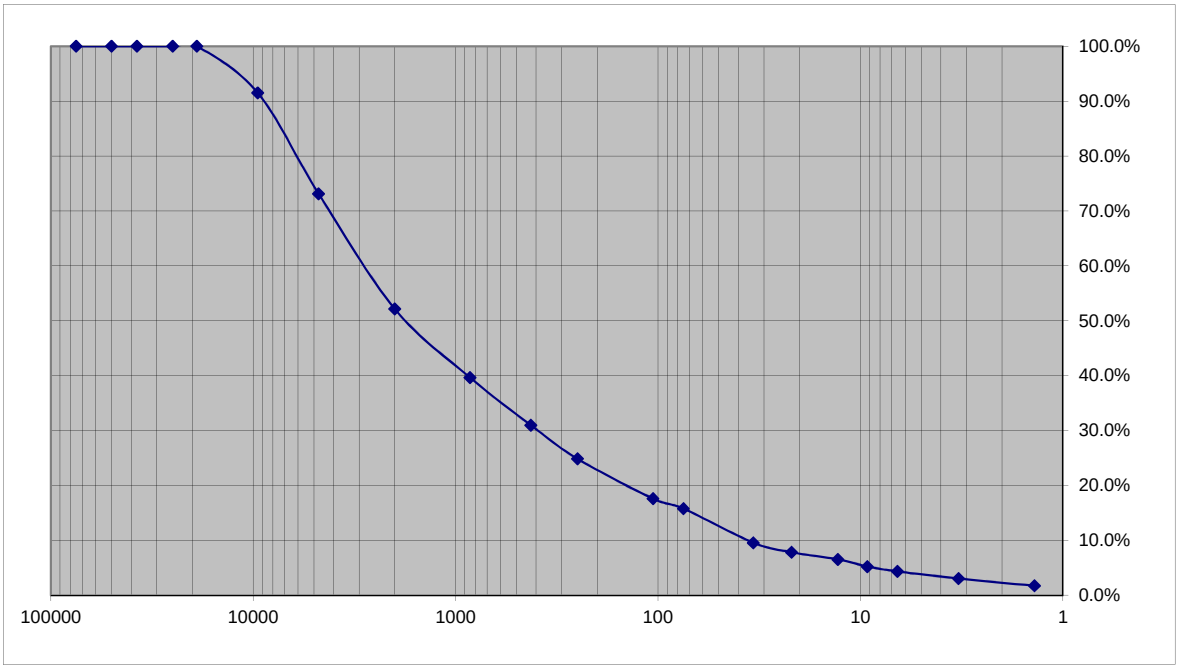
Grain Size ASTM D422

42863-12

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	91.5%	8.5%
#4	4750	73.1%	18.4%
#10	2000	52.2%	21.0%
#20	850	39.7%	12.5%
#40	425	31.0%	8.7%
#60	250	24.9%	6.1%
#140	106	17.6%	7.2%
#200	75	15.8%	1.8%
Hydrometer	33.8509	9.6%	6.2%
Hydrometer	21.92515	7.9%	1.7%
Hydrometer	12.90148	6.5%	1.3%
Hydrometer	9.224276	5.2%	1.3%
Hydrometer	6.569986	4.4%	0.9%
Hydrometer	3.276	3.1%	1.3%
Hydrometer	1.379145	1.7%	1.3%

Soil Clasification Percent	42863-12
Gravel	26.9%
Sand	57.3%
Corse Sand	21.0%
Medium Sand	21.2%
Fine Sand	15.2%
Silt	11.4%
Clay	4.4%



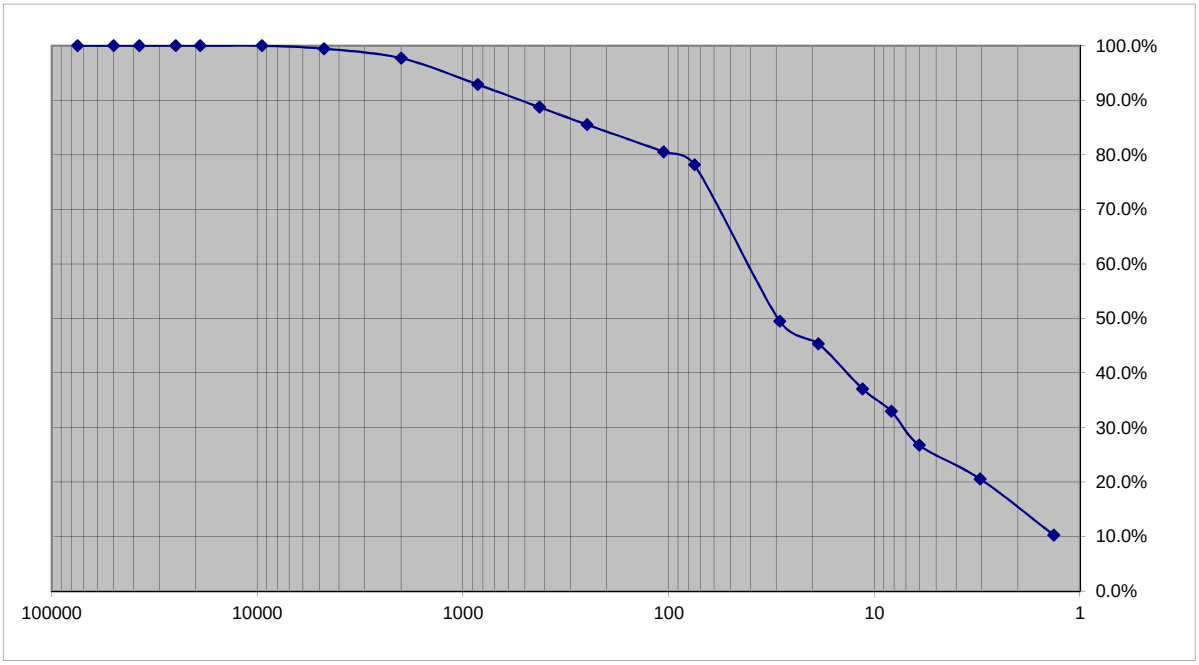
Grain Size ASTM D422

42863-13

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	99.4%	0.6%
#10	2000	97.7%	1.7%
#20	850	92.9%	4.8%
#40	425	88.7%	4.2%
#60	250	85.6%	3.2%
#140	106	80.6%	5.0%
#200	75	78.2%	2.4%
Hydrometer	28.79471	49.5%	28.7%
Hydrometer	18.71594	45.4%	4.1%
Hydrometer	11.42041	37.1%	8.3%
Hydrometer	8.265485	33.0%	4.1%
Hydrometer	6.053381	26.8%	6.2%
Hydrometer	3.064417	20.6%	6.2%
Hydrometer	1.341093	10.3%	10.3%

Soil Clasification Percent	42863-13
Gravel	0.6%
Sand	21.3%
Corse Sand	1.7%
Medium Sand	9.0%
Fine Sand	10.6%
Silt	51.4%
Clay	26.8%



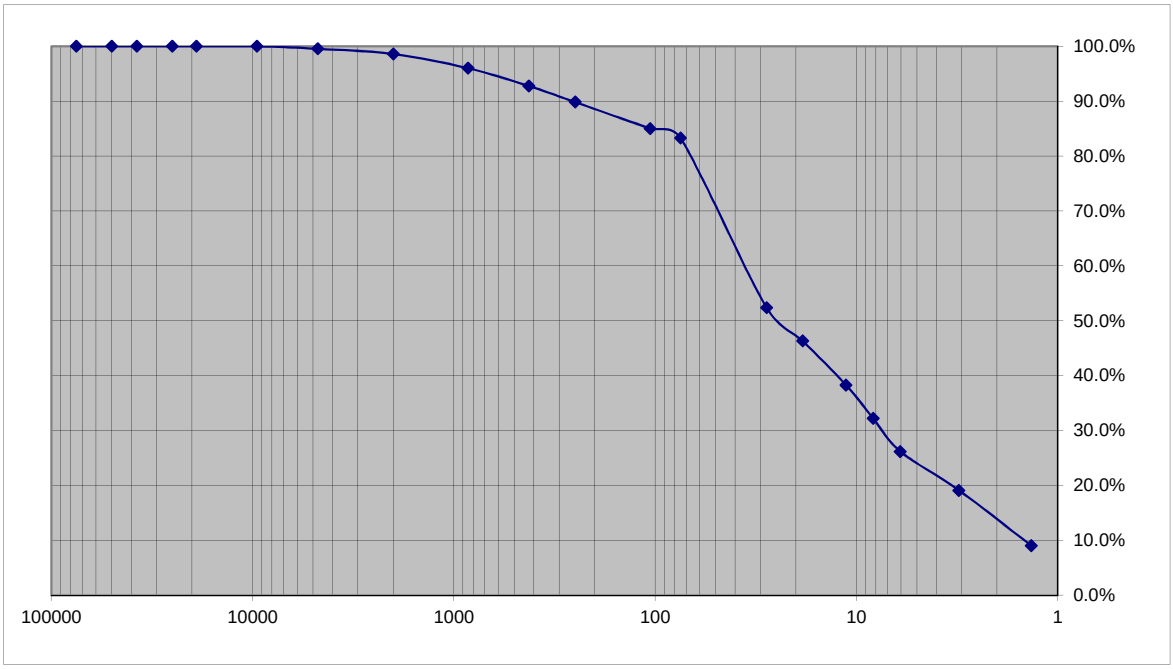
Grain Size ASTM D422

42863-14

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	99.5%	0.5%
#10	2000	98.6%	1.0%
#20	850	96.0%	2.6%
#40	425	92.8%	3.2%
#60	250	89.8%	2.9%
#140	106	85.0%	4.8%
#200	75	83.3%	1.7%
Hydrometer	27.97418	52.4%	30.9%
Hydrometer	18.51576	46.3%	6.0%
Hydrometer	11.25608	38.3%	8.1%
Hydrometer	8.265485	32.2%	6.0%
Hydrometer	6.053381	26.2%	6.0%
Hydrometer	3.100684	19.1%	7.1%
Hydrometer	1.355488	9.1%	10.1%

Soil Clasification Percent	42863-14
Gravel	0.5%
Sand	16.2%
Corse Sand	1.0%
Medium Sand	5.8%
Fine Sand	9.5%
Silt	57.1%
Clay	26.2%



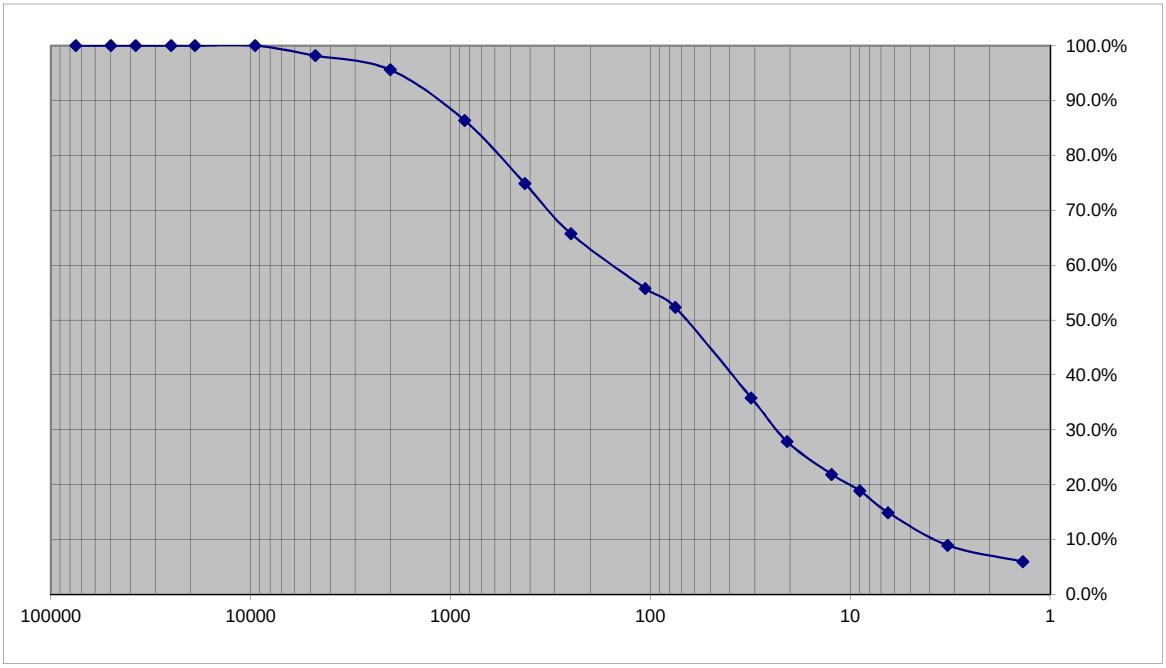
Grain Size ASTM D422

42863-15

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	98.2%	1.8%
#10	2000	95.6%	2.6%
#20	850	86.4%	9.2%
#40	425	74.9%	11.5%
#60	250	65.7%	9.1%
#140	106	55.8%	10.0%
#200	75	52.3%	3.5%
Hydrometer	31.27608	35.8%	16.5%
Hydrometer	20.70125	27.8%	8.0%
Hydrometer	12.3606	21.9%	6.0%
Hydrometer	8.950904	18.9%	3.0%
Hydrometer	6.450738	14.9%	4.0%
Hydrometer	3.25317	9.0%	6.0%
Hydrometer	1.365	6.0%	3.0%

Soil Clasification Percent	42863-15
Gravel	1.8%
Sand	45.9%
Corse Sand	2.6%
Medium Sand	20.7%
Fine Sand	22.6%
Silt	37.4%
Clay	14.9%



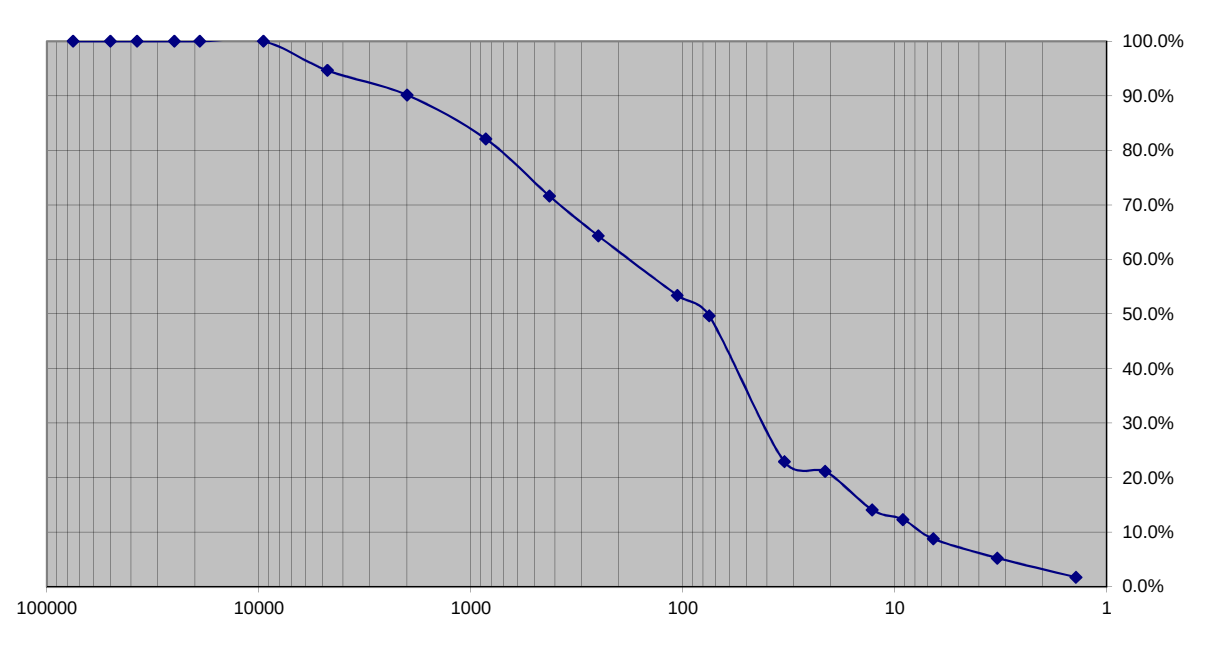
Grain Size ASTM D422

42863-16

Largest Partical Size #4

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	94.7%	5.3%
#10	2000	90.2%	4.5%
#20	850	82.1%	8.0%
#40	425	71.6%	10.5%
#60	250	64.3%	7.3%
#140	106	53.4%	10.9%
#200	75	49.7%	3.7%
Hydrometer	33.155735	23.0%	26.7%
Hydrometer	21.234417	21.2%	1.8%
Hydrometer	12.75624	14.1%	7.1%
Hydrometer	9.1227216	12.4%	1.8%
Hydrometer	6.5699857	8.8%	3.5%
Hydrometer	3.276	5.3%	3.5%
Hydrometer	1.3931473	1.8%	3.5%

Soil Clasification Percent	42863-16
Gravel	5.3%
Sand	45.0%
Corse Sand	4.5%
Medium Sand	18.5%
Fine Sand	22.0%
Silt	40.8%
Clay	8.8%



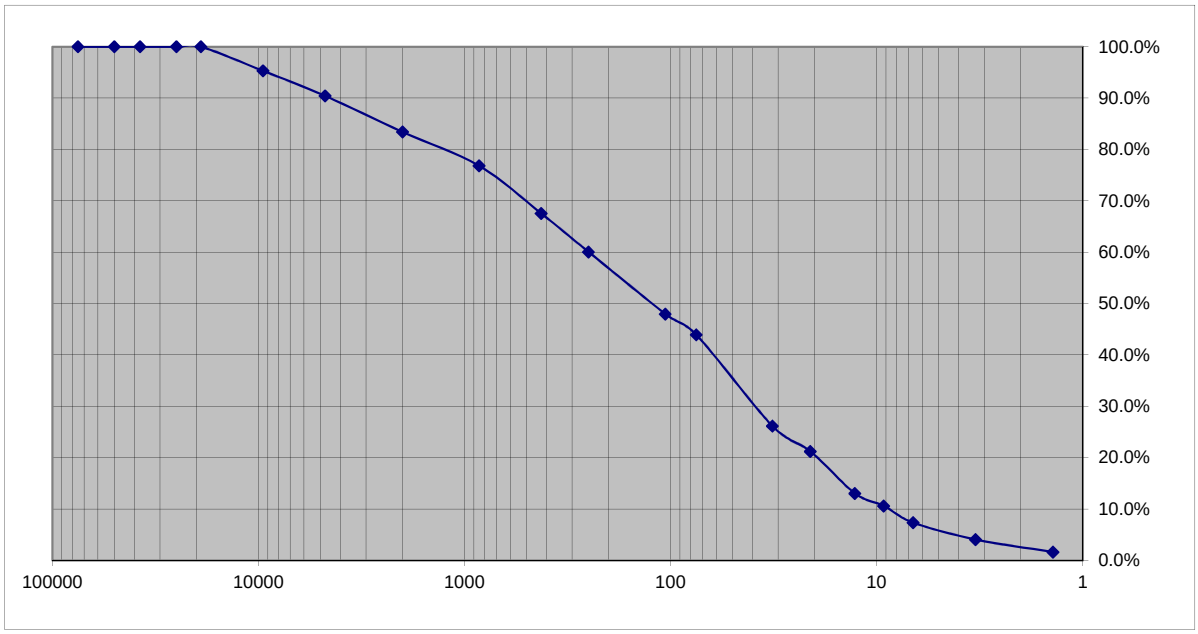
Grain Size ASTM D422

42863-17

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	95.3%	4.7%
#4	4750	90.4%	4.9%
#10	2000	83.4%	7.0%
#20	850	76.8%	6.6%
#40	425	67.6%	9.3%
#60	250	60.1%	7.5%
#140	106	48.0%	12.1%
#200	75	43.9%	4.0%
Hydrometer	32.01209	26.1%	17.8%
Hydrometer	20.96953	21.2%	4.9%
Hydrometer	12.75624	13.1%	8.2%
Hydrometer	9.224276	10.6%	2.5%
Hydrometer	6.640506	7.4%	3.3%
Hydrometer	3.309949	4.1%	3.3%
Hydrometer	1.393147	1.6%	2.5%

Soil Clasification Percent	42863-17
Gravel	9.6%
Sand	46.5%
Corse Sand	7.0%
Medium Sand	15.9%
Fine Sand	23.6%
Silt	36.6%
Clay	7.4%



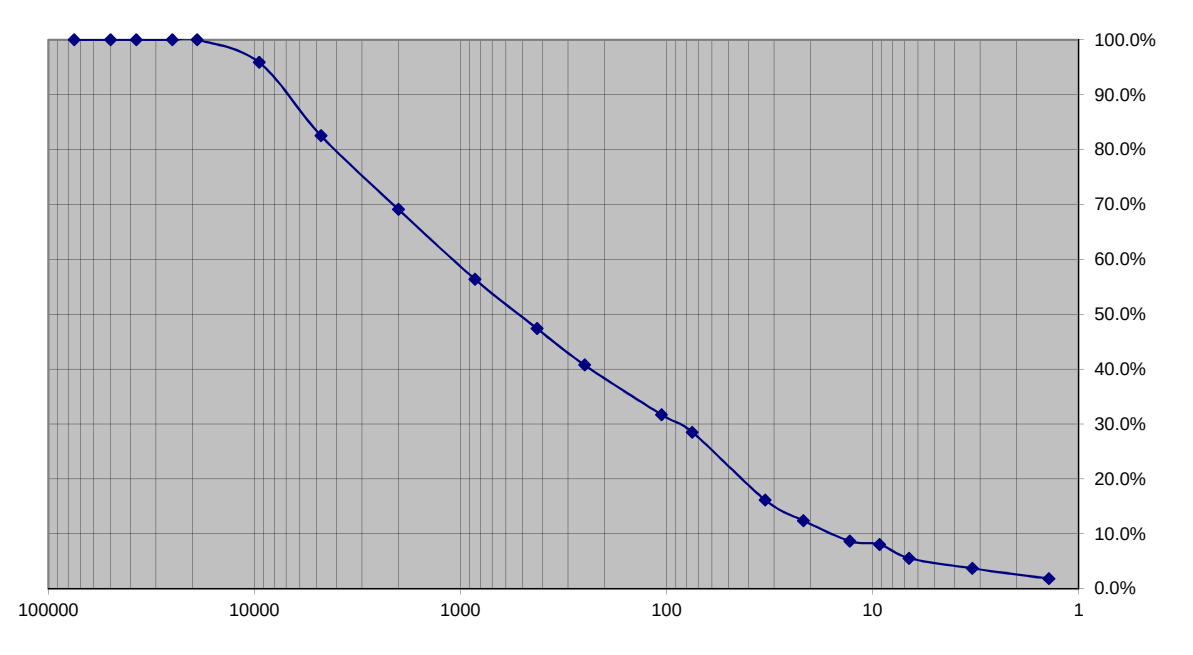
Grain Size ASTM D422

42863-18

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	95.9%	4.1%
#4	4750	82.5%	13.4%
#10	2000	69.1%	13.4%
#20	850	56.4%	12.7%
#40	425	47.4%	9.0%
#60	250	40.8%	6.6%
#140	106	31.7%	9.0%
#200	75	28.6%	3.2%
Hydrometer	33.15573	16.2%	12.4%
Hydrometer	21.6687	12.4%	3.7%
Hydrometer	12.90148	8.7%	3.7%
Hydrometer	9.224276	8.1%	0.6%
Hydrometer	6.640506	5.6%	2.5%
Hydrometer	3.276	3.7%	1.9%
Hydrometer	1.393147	1.9%	1.9%

Soil Clasification Percent	42863-18
Gravel	17.5%
Sand	54.0%
Corse Sand	13.4%
Medium Sand	21.7%
Fine Sand	18.9%
Silt	23.0%
Clay	5.6%



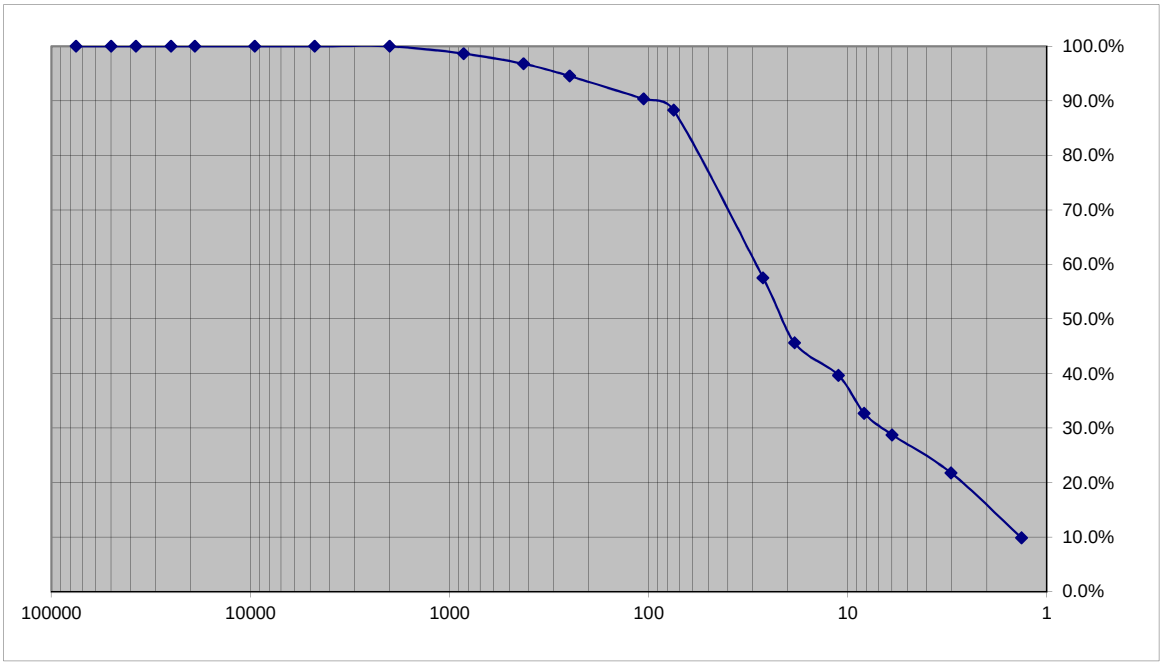
Grain Size ASTM D422

42863-19

Largest Partical Size #20

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	100.0%	0.0%
#10	2000	100.0%	0.0%
#20	850	98.7%	1.3%
#40	425	96.8%	1.9%
#60	250	94.6%	2.2%
#140	106	90.3%	4.2%
#200	75	88.3%	2.0%
Hydrometer	26.60875	57.6%	30.8%
Hydrometer	18.51576	45.7%	11.9%
Hydrometer	11.14518	39.7%	6.0%
Hydrometer	8.265485	32.8%	6.9%
Hydrometer	5.975936	28.8%	4.0%
Hydrometer	3.027716	21.8%	6.9%
Hydrometer	1.341093	9.9%	11.9%

Soil Clasification Percent	42863-19
Gravel	0.0%
Sand	11.7%
Corse Sand	0.0%
Medium Sand	3.2%
Fine Sand	8.5%
Silt	59.5%
Clay	28.8%



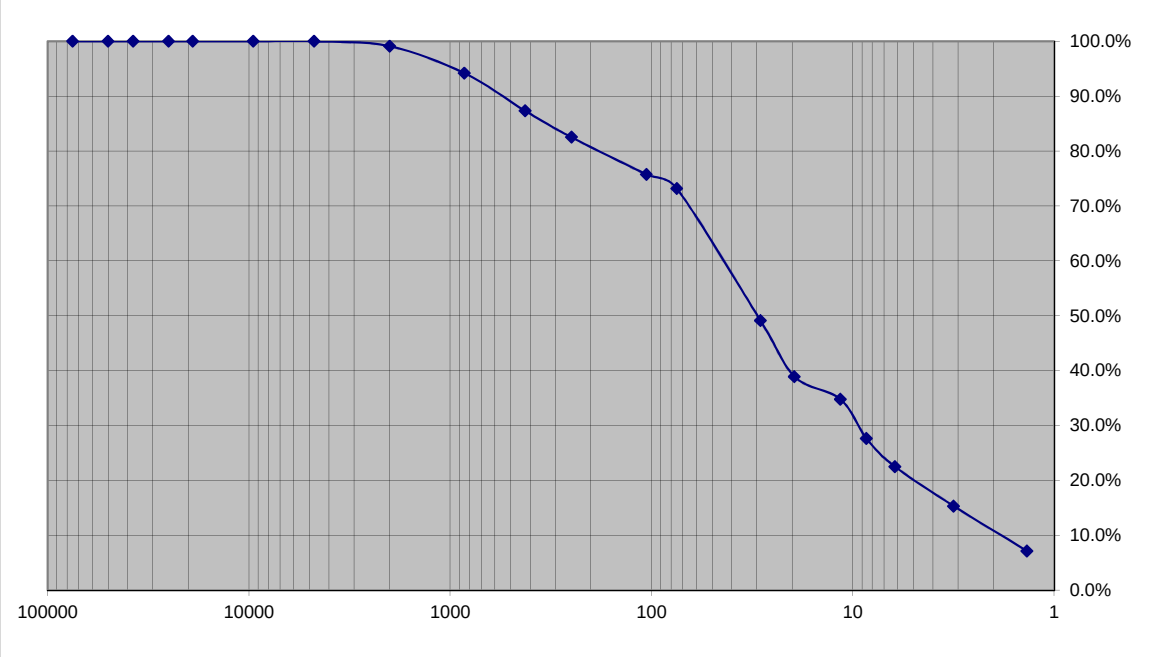
Grain Size ASTM D422

42863-20

Largest Partical Size #10

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	100.0%	0.0%
#10	2000	99.1%	0.9%
#20	850	94.2%	4.9%
#40	425	87.3%	6.8%
#60	250	82.5%	4.8%
#140	106	75.8%	6.8%
#200	75	73.2%	2.6%
Hydrometer	28.79471	49.2%	24.0%
Hydrometer	19.4961	38.9%	10.2%
Hydrometer	11.52866	34.8%	4.1%
Hydrometer	8.560774	27.7%	7.2%
Hydrometer	6.1803	22.5%	5.1%
Hydrometer	3.160203	15.4%	7.2%
Hydrometer	1.365	7.2%	8.2%

Soil Clasification Percent	42863-20
Gravel	0.0%
Sand	26.8%
Corse Sand	0.9%
Medium Sand	11.8%
Fine Sand	14.2%
Silt	50.7%
Clay	22.5%



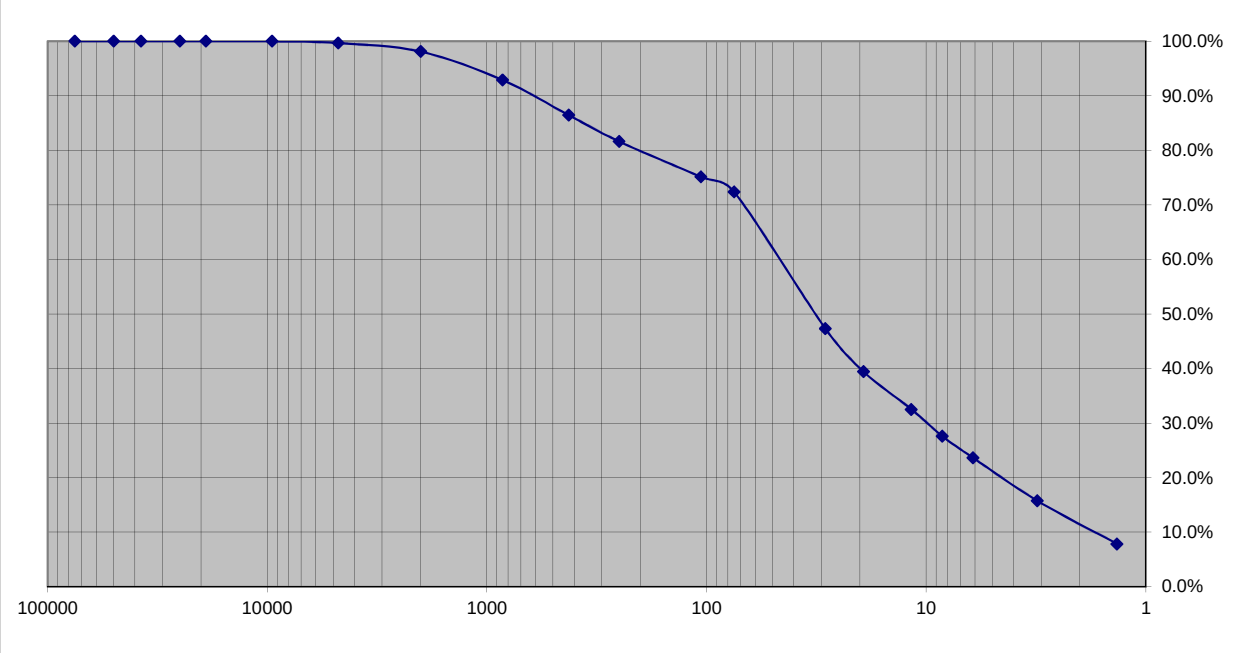
Grain Size ASTM D422

42863-21

Largest Partical Size #4

Partical Size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	100.0%	0.0%
#4	4750	99.7%	0.3%
#10	2000	98.1%	1.6%
#20	850	92.9%	5.2%
#40	425	86.5%	6.4%
#60	250	81.6%	4.8%
#140	106	75.1%	6.5%
#200	75	72.4%	2.7%
Hydrometer	29	47.3%	25.1%
Hydrometer	19	39.4%	7.9%
Hydrometer	12	32.5%	6.9%
Hydrometer	8	27.6%	4.9%
Hydrometer	6	23.7%	3.9%
Hydrometer	3	15.8%	7.9%
Hydrometer	1	7.9%	7.9%

Soil Clasification Percent	42863-21
Gravel	0.3%
Sand	27.3%
Corse Sand	1.6%
Medium Sand	11.6%
Fine Sand	14.1%
Silt	48.7%
Clay	23.7%



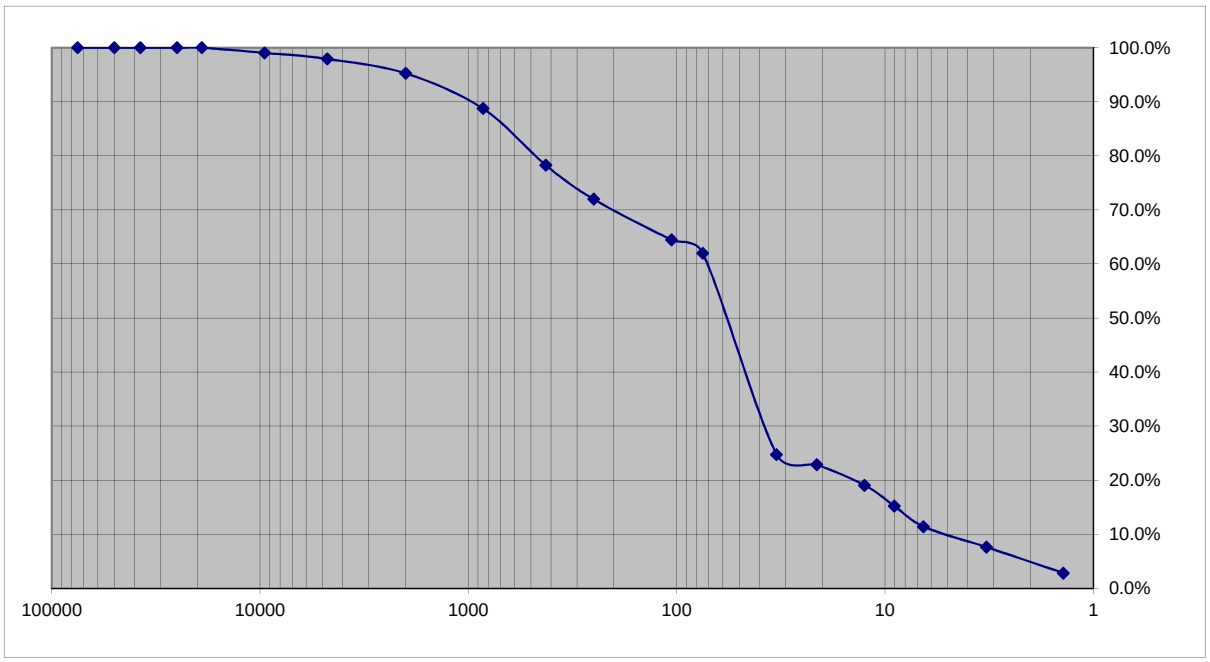
Grain Size ASTM D422

42863-22

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	99.1%	0.9%
#4	4750	97.9%	1.1%
#10	2000	95.3%	2.7%
#20	850	88.8%	6.5%
#40	425	78.3%	10.5%
#60	250	72.0%	6.3%
#140	106	64.5%	7.5%
#200	75	62.0%	2.5%
Hydrometer	33.15573	24.8%	37.2%
Hydrometer	21.23442	22.9%	1.9%
Hydrometer	12.51043	19.1%	3.8%
Hydrometer	9.020024	15.2%	3.8%
Hydrometer	6.522548	11.4%	3.8%
Hydrometer	3.25317	7.6%	3.8%
Hydrometer	1.393147	2.9%	4.8%

Soil Clasification Percent	42863-22
Gravel	2.1%
Sand	35.9%
Corse Sand	2.7%
Medium Sand	17.0%
Fine Sand	16.3%
Silt	50.6%
Clay	11.4%



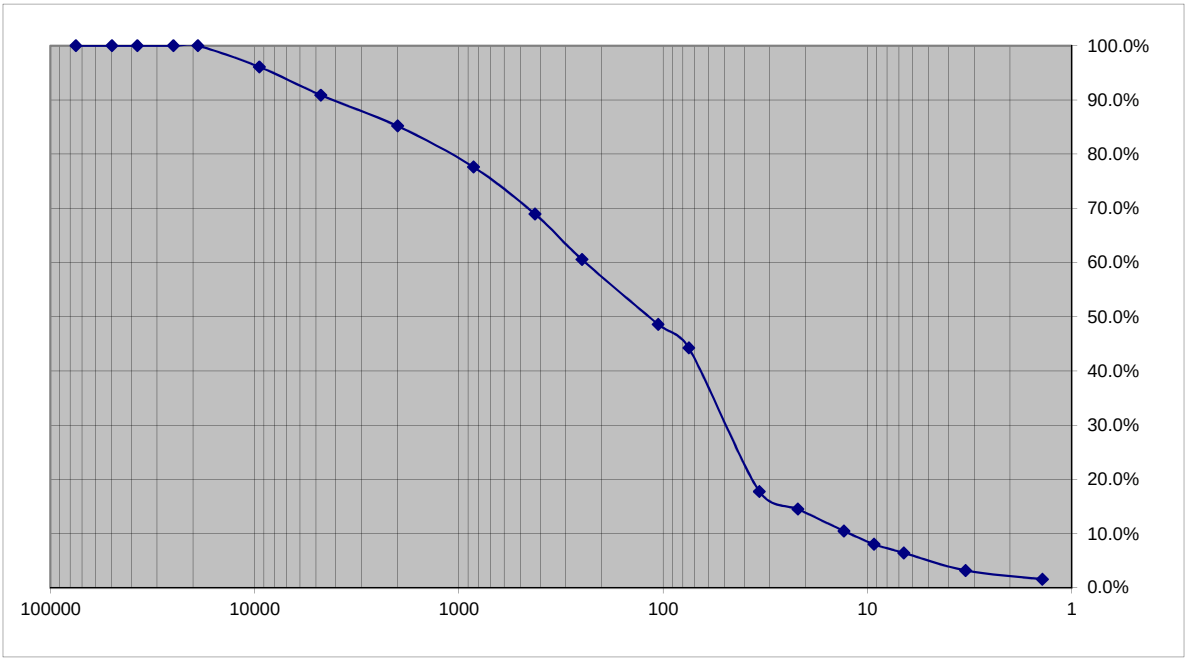
Grain Size ASTM D422

42863-23

Largest Partical Size 3/8 inch

Partical size		Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%	
2 inch	50000	100.0%	0.0%	
1.5 inch	37500	100.0%	0.0%	
1 inch	25000	100.0%	0.0%	
3/4 inch	19000	100.0%	0.0%	
3/8 inch	9500	96.1%	3.9%	
#4	4750	90.9%	5.2%	
#10	2000	85.2%	5.7%	
#20	850	77.7%	7.5%	
#40	425	69.0%	8.7%	
#60	250	60.6%	8.4%	
#140	106	48.6%	12.0%	
#200	75	44.3%	4.4%	
Hydrometer	33.8509	17.8%	26.5%	
Hydrometer	21.92515	14.6%	3.2%	
Hydrometer	13.0451	10.5%	4.0%	
Hydrometer	9.291363	8.1%	2.4%	
Hydrometer	6.640506	6.5%	1.6%	
Hydrometer	3.309949	3.2%	3.2%	
Hydrometer	1.393147	1.6%	1.6%	

Soil Clasification Percent	42863-23
Gravel	9.1%
Sand	46.6%
Corse Sand	5.7%
Medium Sand	16.2%
Fine Sand	24.7%
Silt	37.8%
Clay	6.5%



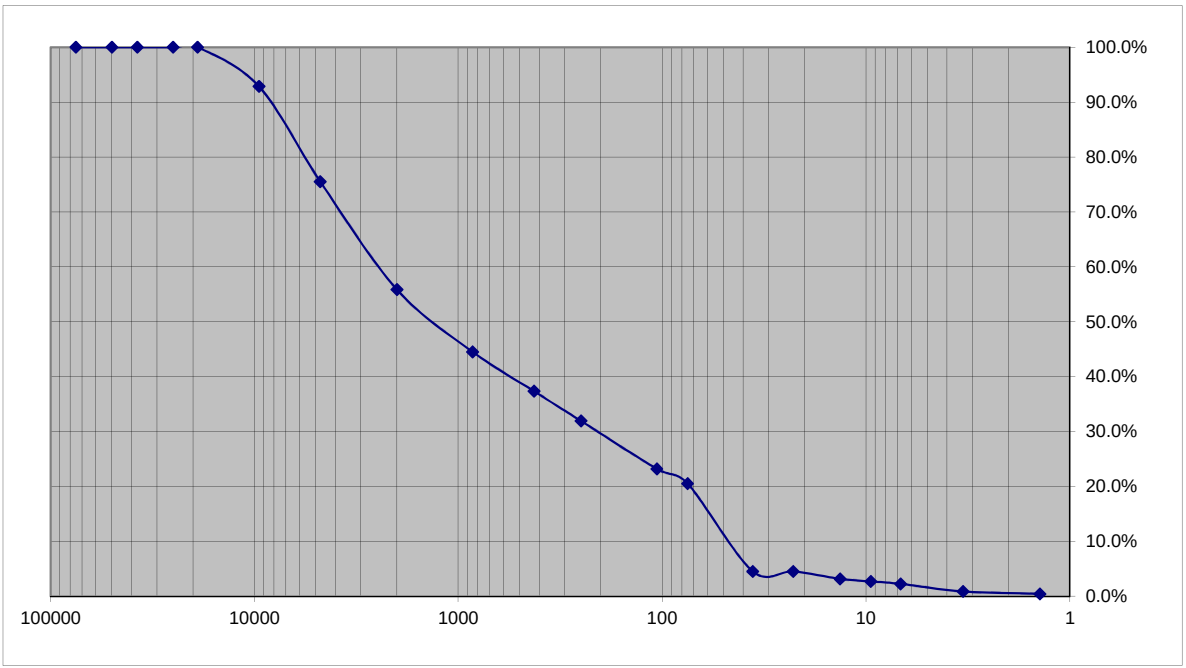
Grain Size ASTM D422

42863-24

Largest Partical Size 3/8 inch

Partical size	Partical Size	Percent Finer	Incremental Percent
3 inch	75000	100.0%	0.0%
2 inch	50000	100.0%	0.0%
1.5 inch	37500	100.0%	0.0%
1 inch	25000	100.0%	0.0%
3/4 inch	19000	100.0%	0.0%
3/8 inch	9500	92.9%	7.1%
#4	4750	75.5%	17.4%
#10	2000	55.9%	19.6%
#20	850	44.5%	11.3%
#40	425	37.4%	7.2%
#60	250	31.9%	5.4%
#140	106	23.2%	8.7%
#200	75	20.5%	2.7%
Hydrometer	35.98529	4.5%	16.0%
Hydrometer	22.7591	4.5%	0.0%
Hydrometer	13.37421	3.2%	1.4%
Hydrometer	9.456997	2.7%	0.5%
Hydrometer	6.756405	2.3%	0.5%
Hydrometer	3.343553	0.9%	1.4%
Hydrometer	1.402404	0.5%	0.5%

Soil Clasification Percent	42863-24
Gravel	24.5%
Sand	55.0%
Corse Sand	19.6%
Medium Sand	18.5%
Fine Sand	16.8%
Silt	18.3%
Clay	2.3%



>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0026

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-1 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-01
VOA-1 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-02
VOA-1 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-03
VOA-1 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-04
VOA-1 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-06	-05
VOA-2 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-07
VOA-2 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-08
VOA-2 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-09
VOA-2 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-10
VOA-2 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-12	-11

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Elon Nyikam EIN	TestAmerica	03/10/14 24.2°C intact 10:13am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

HXC0026

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	2 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-3 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-13
VOA-3 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-14
VOA-3 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-15
VOA-3 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-16
VOA-3 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-18	-17
VOA-4 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-19
VOA-4 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-20
VOA-4 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-21
VOA-4 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-22
VOA-4 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-24	-23

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:					
Relinquished by: Roger B	Company: HDOH	Date/Time: 3/10/14 10a	Received by: Elich Nyukam EN	Company: TestAmerica	Date/Time: 03/10/14 10:13am	2.4°C Intact
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0026

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	3 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-5 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-25
VOA-5 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-26
VOA-5 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-27
VOA-5 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-28
VOA-5 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-30	-29
VOA-6 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-31
VOA-6 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-32
VOA-6 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-33
VOA-6 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-34
VOA-6 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-36	-35

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:				
Relinquished by: Roger B	Company: HAH	Date/Time: 10am 3/10/14	Received by: Elah Nyikam EN	Company: Test America	Date/Time: 24.4°C Intact 03/10/14 10:13am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0026

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	4 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-7 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-37
VOA-7 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-38
VOA-7 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-39
VOA-7 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-40
VOA-7 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-42	-41
VOA-8 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-43
VOA-8 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-44
VOA-8 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-45
VOA-8 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-46
VOA-8 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-48	-47

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/10/14	Elsh Nyikam EN	Test America	24 14°C Intact 08/10/14 10:13 Am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0026

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	5 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-9 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026 -49
VOA-9 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-50
VOA-9 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-51
VOA-9 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-52
VOA-9 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-54	-53
VOA-10 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-55
VOA-10 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-56
VOA-10 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-57
VOA-10 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-58
VOA-10 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-60	-59

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10a	Elah Nyikam	Test America	24.0°C intact 03/10/14 10:15am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	6 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-11 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-61
VOA-11 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-62
VOA-11 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-63
VOA-11 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-64
VOA-11 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-66	-65
VOA-12 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-67
VOA-12 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-68
VOA-12 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-69
VOA-12 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-70
VOA-12 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-72	-71

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by: Roger B	Company: HDOH	Date/Time: 10a 3/10/14	Received by: Elah Ndikam GNI	Company: Test America	Date/Time: 24.4°C Intact 03/10/14 10:15am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	7 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-13 (1)	3/5/2014	11:30am	G	Soil	1		N	X		HXC0026-73
VOA-13 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-74
VOA-13 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-75
VOA-13 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-76
VOA-13 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-78	-77
VOA-14 (1)	3/5/2014	11:30am	G	Soil	1		N	X		-79
VOA-14 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-80
VOA-14 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-81
VOA-14 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-82
VOA-14 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-84	-83

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	10:00 3/10/14	Elch Nikam	Test America	24.4°C Jat.49 05/10/14 10:15am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

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HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	8 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-15 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-85
VOA-15 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-86
VOA-15 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-87
VOA-15 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-88
VOA-15 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-90	-89
VOA-16 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-91
VOA-16 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-92
VOA-16 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-93
VOA-16 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-94
VOA-16 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-96	-95

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Elah Nukam EN	Test America	24hr intact 03/10/14 10:15am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-17 (1)	3/5/2014	11:30am	G	Soil	1		N	X		HXC0026-97
VOA-17 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-98
VOA-17 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-99
VOA-17 (4)	3/5/2014	11:30am	G	Soil	1		N	X		~~-100~~ AA
VOA-17 (5)	3/5/2014	11:30am	G	Soil	1		N	X	~~-102~~ AC	~~-101~~ AB
VOA-18 (1)	3/5/2014	11:30am	G	Soil	1		N	X		~~-103~~ AD
VOA-18 (2)	3/5/2014	11:30am	G	Soil	1		N	X		KP 3/10/14 ~~-104~~ AE
VOA-18 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	~~-105~~ AF
VOA-18 (4)	3/5/2014	11:30am	G	Soil	1		N	X		~~-106~~ AG
VOA-18 (5)	3/5/2014	11:30am	G	Soil	1		N	X	~~-108~~ AI	~~-107~~ AH
									KP 3/10/14	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

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Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS. COMBINE #S 1-5 IN EACH SAMPLE GROUP FOR A SINGLE GRAIN SIZE ANALYSIS.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	10a 3/10/14	Eloh Nyikam EN	Test America	Seal Intact 03/10/14 10:15am
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	10 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-19 (1)	3/5/2014	11:30am	G	Soil	1		N	X		HXC0026-AJ
VOA-19 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-AK
VOA-19 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-AL
VOA-19 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-AM
VOA-19 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-AO	-AN
VOA-20 (1)	3/5/2014	11:30am	G	Soil	1		N	X		-AP
VOA-20 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-AQ
VOA-20 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-AR
VOA-20 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-AS
VOA-20 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-AU	-AT

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

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Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Elah Njiokan EN	TestAmerica	03/10/14 10:15am 21.6°C Intact
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)			Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-21 (1)	3/5/2014	11:30am	G	Soil	1		N	X				HXC0026-AV
VOA-21 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-AW
VOA-21 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-AX
VOA-21 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-AY
VOA-21 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-BA	-AZ
VOA-22 (1)	3/5/2014	11:30am	G	Soil	1		N	X				-BB
VOA-22 (2)	3/5/2014	11:30am	G	Soil	1		N	X				-BC
VOA-22 (3)	3/5/2014	11:30am	G	Soil	1		N	X			X	-BD
VOA-22 (4)	3/5/2014	11:30am	G	Soil	1		N	X				-BE
VOA-22 (5)	3/5/2014	11:30am	G	Soil	1		N	X			-BG	-BF

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/10/14 10a	Elah Nyikam EIN	TestAmerica	03/10/14 10:15am 24.4°C Intact
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

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HXC0026

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	12 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Grain Size (ASTM D-422/421) (combine #s 1-5 in each grouping)	Sample Specific Notes:
VOA-23 (1)	3/5/2014	11:30am	G	Soil	1		N	X		HXC0026-BH
VOA-23 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-BI
VOA-23 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-BJ
VOA-23 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-BK
VOA-23 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-BM	-BL
VOA-24 (1)	3/5/2014	11:30am	G	Soil	1		N	X		-BN
VOA-24 (2)	3/5/2014	11:30am	G	Soil	1		N	X		-BO
VOA-24 (3)	3/5/2014	11:30am	G	Soil	1		N	X	X	-BP
VOA-24 (4)	3/5/2014	11:30am	G	Soil	1		N	X		-BQ
VOA-24 (5)	3/5/2014	11:30am	G	Soil	1		N	X	-BS	-BR

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Eloh Nyikam EN	Test America	03/10/14 10:15am Intact
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: HDOH HEER **Date/ Time Received:** 3/10/14 10:13

Received By: Eloh Njikam-McGee

Matrices: soil **Carrier:** client **Airbill# :**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: _____
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☒	No VOA vials present: ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location: _____
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☒	~~No ☒~~ KR 3/10/14	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type: _____

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 24.4°C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXC0079
Client Project/Site: [none]
Client Project Description: PCB in soil Maili VOA

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
4/10/2014 6:49:28 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

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

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Definitions/Glossary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
H	Sample was prepped or analyzed beyond the specified holding time
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Job ID: HXC0079

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 23 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Laboratory: TestAmerica Portland

Narrative

Receipt
The samples were received on 3/27/2014 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 17.4º C and 18.6º C.

Except:

The following samples were received outside of holding time for PCB extraction and moisture: HXC0079-01 (250-18027-1), HXC0079-02 (250-18027-2), HXC0079-03 (250-18027-3), HXC0079-04 (250-18027-4), HXC0079-05 (250-18027-5), HXC0079-06 (250-18027-6), HXC0079-07 (250-18027-7), HXC0079-08 (250-18027-8), HXC0079-09 (250-18027-9), HXC0079-10 (250-18027-10), HXC0079-11 (250-18027-11), HXC0079-12 (250-18027-12), HXC0079-13 (250-18027-13), HXC0079-14 (250-18027-14), HXC0079-15 (250-18027-15), HXC0079-16 (250-18027-16), HXC0079-17 (250-18027-17), HXC0079-18 (250-18027-18), HXC0079-19 (250-18027-19), HXC0079-20 (250-18027-20), HXC0079-21 (250-18027-21), HXC0079-22 (250-18027-22), HXC0079-23 (250-18027-23), HXC0079-24 (250-18027-24), HXC0079-25 (250-18027-25), HXC0079-26 (250-18027-26), HXC0079-27 (250-18027-27), HXC0079-28 (250-18027-28), HXC0079-29 (250-18027-29), HXC0079-30 (250-18027-30), HXC0079-31 (250-18027-31), HXC0079-32 (250-18027-32), HXC0079-33 (250-18027-33), HXC0079-34 (250-18027-34), HXC0079-35 (250-18027-35), HXC0079-36 (250-18027-36), HXC0079-37 (250-18027-37), HXC0079-38 (250-18027-38), HXC0079-39 (250-18027-39), HXC0079-40 (250-18027-40), HXC0079-41 (250-18027-41), HXC0079-42 (250-18027-42), HXC0079-43 (250-18027-43), HXC0079-44 (250-18027-44), HXC0079-45 (250-18027-45), HXC0079-46 (250-18027-46), HXC0079-47 (250-18027-47), HXC0079-48 (250-18027-48), HXC0079-49 (250-18027-49), HXC0079-50 (250-18027-50), HXC0079-51 (250-18027-51), HXC0079-52 (250-18027-52), HXC0079-53 (250-18027-53), HXC0079-54 (250-18027-54), HXC0079-55 (250-18027-55), HXC0079-56 (250-18027-56), HXC0079-57 (250-18027-57), HXC0079-58 (250-18027-58), HXC0079-59 (250-18027-59), HXC0079-60 (250-18027-60), HXC0079-61 (250-18027-61), HXC0079-62 (250-18027-62), HXC0079-63 (250-18027-63), HXC0079-64 (250-18027-64), HXC0079-65 (250-18027-65), HXC0079-66 (250-18027-66), HXC0079-67 (250-18027-67), HXC0079-68 (250-18027-68), HXC0079-69 (250-18027-69), HXC0079-70 (250-18027-70), HXC0079-71 (250-18027-71), HXC0079-72 (250-18027-72), HXC0079-73 (250-18027-73), HXC0079-74 (250-18027-74), HXC0079-75 (250-18027-75), HXC0079-76 (250-18027-76), HXC0079-77 (250-18027-77), HXC0079-78 (250-18027-78), HXC0079-79 (250-18027-79), HXC0079-80 (250-18027-80), HXC0079-81 (250-18027-81), HXC0079-82 (250-18027-82), HXC0079-83

Job ID: HXC0079 (Continued)

Laboratory: TestAmerica Portland (Continued)

(250-18027-83), HXC0079-84 (250-18027-84), HXC0079-85 (250-18027-85), HXC0079-86 (250-18027-86), HXC0079-87 (250-18027-87), HXC0079-88 (250-18027-88), HXC0079-89 (250-18027-89), HXC0079-90 (250-18027-90), HXC0079-91 (250-18027-91), HXC0079-92 (250-18027-92), HXC0079-93 (250-18027-93), HXC0079-94 (250-18027-94), HXC0079-95 (250-18027-95), HXC0079-96 (250-18027-96), HXC0079-97 (250-18027-97), HXC0079-98 (250-18027-98), HXC0079-99 (250-18027-99), HXC0079-AA (250-18027-100), HXC0079-AB (250-18027-101), HXC0079-AC (250-18027-102), HXC0079-AD (250-18027-103), HXC0079-AE (250-18027-104), HXC0079-AF (250-18027-105), HXC0079-AG (250-18027-106), HXC0079-AH (250-18027-107), HXC0079-AI (250-18027-108), HXC0079-AJ (250-18027-109), HXC0079-AK (250-18027-110), HXC0079-AL (250-18027-111), HXC0079-AM (250-18027-112), HXC0079-AN (250-18027-113), HXC0079-AO (250-18027-114), HXC0079-AP (250-18027-115), HXC0079-AQ (250-18027-116), HXC0079-AR (250-18027-117), HXC0079-AS (250-18027-118), HXC0079-AT (250-18027-119), HXC0079-AU (250-18027-120).

GC Semi VOA - Method 8082:
The following samples required a dilution due to the nature of the sample matrix: HXC0079-01 (250-18027-1), HXC0079-03 (250-18027-3), HXC0079-05 (250-18027-5), HXC0079-07 (250-18027-7), HXC0079-09 (250-18027-9), HXC0079-11 (250-18027-11), HXC0079-13 (250-18027-13), HXC0079-15 (250-18027-15), HXC0079-17 (250-18027-17), HXC0079-19 (250-18027-19), HXC0079-21 (250-18027-21), HXC0079-23 (250-18027-23), HXC0079-25 (250-18027-25), HXC0079-29 (250-18027-29), HXC0079-02 (250-18027-2), HXC0079-06 (250-18027-6), HXC0079-08 (250-18027-8), HXC0079-10 (250-18027-10), HXC0079-12 (250-18027-12), HXC0079-14 (250-18027-14), HXC0079-16 (250-18027-16), HXC0079-18 (250-18027-18), HXC0079-20 (250-18027-20), HXC0079-22 (250-18027-22), HXC0079-24 (250-18027-24), HXC0079-26 (250-18027-26), HXC0079-28 (250-18027-28), HXC0079-30 (250-18027-30), HXC0079-42 (250-18027-42), HXC0079-44 (250-18027-44), HXC0079-46 (250-18027-46), HXC0079-48 (250-18027-48), HXC0079-50 (250-18027-50), HXC0079-52 (250-18027-52), HXC0079-54 (250-18027-54), HXC0079-56 (250-18027-56), HXC0079-58 (250-18027-58), HXC0079-72 (250-18027-72), HXC0079-74 (250-18027-74), HXC0079-76 (250-18027-76), HXC0079-79 (250-18027-79), HXC0079-43 (250-18027-43), HXC0079-47 (250-18027-47), HXC0079-49 (250-18027-49), HXC0079-51 (250-18027-51), HXC0079-53 (250-18027-53), HXC0079-55 (250-18027-55), HXC0079-61 (250-18027-61), HXC0079-71 (250-18027-71), HXC0079-73 (250-18027-73), HXC0079-75 (250-18027-75), HXC0079-77 (250-18027-77), HXC0079-27 (250-18027-27), HXC0079-41 (250-18027-41), HXC0079-81 (250-18027-81), HXC0079-82 (250-18027-82), HXC0079-83 (250-18027-83), HXC0079-84 (250-18027-84), HXC0079-85 (250-18027-85), HXC0079-86 (250-18027-86), HXC0079-87 (250-18027-87), HXC0079-88 (250-18027-88), HXC0079-AB (250-18027-101), HXC0079-AC (250-18027-102), HXC0079-AD (250-18027-103), HXC0079-AE (250-18027-104), HXC0079-AF (250-18027-105), HXC0079-AG (250-18027-106), HXC0079-AH (250-18027-107), HXC0079-AI (250-18027-108), HXC0079-AJ (250-18027-109), HXC0079-AK (250-18027-110), HXC0079-AQ (250-18027-116), HXC0079-AT (250-18027-119), HXC0079-AU (250-18027-120), HXC0079-57 (250-18027-57), HXC0079-59 (250-18027-59), HXC0079-78 (250-18027-78), HXC0079-80 (250-18027-80), HXC0079-64 (250-18027-64), HXC0079-89 (250-18027-89), HXC0079-90 (250-18027-90). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

The batch native sample was diluted due to high target analytes. The dilution is sufficient that the spike/surrogate recoveries in the MS/MSD would not provide useful information and as a result the MS/MSD had not been analyzed. Batch QC validation is based on acceptable spike/surrogate recoveries in the LCS: (LCS 250-25655/2-A), (LCS 250-25661/2-A), (LCS 250-25662/2-A), (LCS 250-25719/2-A), (LCS 250-25723/2-A).

The method blank for batch 250-25655 contained Arochlor 1260 above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank. (MB 250-25655/1-A)

The method blank for batch 250-25661 contained arochlor 1260 above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank. (MB 250-25661/1-A)

The method blank for batch 250-25719 contained arochlor 1260 above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank. (MB 250-25719/1-A)

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0079-01	VOA-1 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-02	VOA-1 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-03	VOA-1 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-04	VOA-1 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-05	VOA-1 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-06	VOA-2 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-07	VOA-2 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-08	VOA-2 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-09	VOA-2 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-10	VOA-2 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-11	VOA-3 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-12	VOA-3 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-13	VOA-3 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-14	VOA-3 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-15	VOA-3 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-16	VOA-4 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-17	VOA-4 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-18	VOA-4 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-19	VOA-4 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-20	VOA-4 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-21	VOA-5 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-22	VOA-5 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-23	VOA-5 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-24	VOA-5 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-25	VOA-5 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-26	VOA-6 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-27	VOA-6 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-28	VOA-6 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-29	VOA-6 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-30	VOA-6 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-31	VOA-7 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-32	VOA-7 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-33	VOA-7 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-34	VOA-7 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-35	VOA-7 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-36	VOA-8 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-37	VOA-8 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-38	VOA-8 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-39	VOA-8 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-40	VOA-8 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-41	VOA-9 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-42	VOA-9 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-43	VOA-9 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-44	VOA-9 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-45	VOA-9 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-46	VOA-10 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-47	VOA-10 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-48	VOA-10 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-49	VOA-10 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-50	VOA-10 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-51	VOA-11 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-52	VOA-11 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-53	VOA-11 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0079-54	VOA-11 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-55	VOA-11 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-56	VOA-12 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-57	VOA-12 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-58	VOA-12 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-59	VOA-12 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-60	VOA-12 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-61	VOA-13 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-62	VOA-13 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-63	VOA-13 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-64	VOA-13 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-65	VOA-13 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-66	VOA-14 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-67	VOA-14 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-68	VOA-14 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-69	VOA-14 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-70	VOA-14 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-71	VOA-15 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-72	VOA-15 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-73	VOA-15 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-74	VOA-15 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-75	VOA-15 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-76	VOA-16 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-77	VOA-16 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-78	VOA-16 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-79	VOA-16 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-80	VOA-16 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-81	VOA-17 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-82	VOA-17 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-83	VOA-17 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-84	VOA-17 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-85	VOA-17 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-86	VOA-18 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-87	VOA-18 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-88	VOA-18 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-89	VOA-18 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-90	VOA-18 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-91	VOA-19 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-92	VOA-19 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-93	VOA-19 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-94	VOA-19 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-95	VOA-19 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-96	VOA-20 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-97	VOA-20 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-98	VOA-20 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-99	VOA-20 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AA	VOA-20 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AB	VOA-21 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AC	VOA-21 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AD	VOA-21 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AE	VOA-21 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AF	VOA-21 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AG	VOA-22 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0079-AH	VOA-22 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AI	VOA-22 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AJ	VOA-22 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AK	VOA-22 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AL	VOA-23 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AM	VOA-23 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AN	VOA-23 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AO	VOA-23 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AP	VOA-23 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AQ	VOA-24 (6)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AR	VOA-24 (7)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AS	VOA-24 (8)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AT	VOA-24 (9)	Solid/Soil	03/05/14 11:30	03/25/14 12:55
HXC0079-AU	VOA-24 (10)	Solid/Soil	03/05/14 11:30	03/25/14 12:55

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-1 (6) — Lab Sample ID: HXC0079-01

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2000	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (7) — Lab Sample ID: HXC0079-02

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2600	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (8) — Lab Sample ID: HXC0079-03

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2400	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-1 (9) — Lab Sample ID: HXC0079-04

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	630	H	62	62	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-1 (10) — Lab Sample ID: HXC0079-05

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2000	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-2 (6) — Lab Sample ID: HXC0079-06

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6100	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-2 (7) — Lab Sample ID: HXC0079-07

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14000	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-2 (8) — Lab Sample ID: HXC0079-08

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	13000	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-2 (9) — Lab Sample ID: HXC0079-09

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	9800	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-2 (10) — Lab Sample ID: HXC0079-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	12000	H	620	620	ug/Kg	50		8082	Total/NA

Client Sample ID: VOA-3 (6) — Lab Sample ID: HXC0079-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-3 (6) (Continued) — Lab Sample ID: HXC0079-11

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-3 (7) — Lab Sample ID: HXC0079-12

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	480000	H	62000	62000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (8) — Lab Sample ID: HXC0079-13

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	110000	H	6200	6200	ug/Kg	500		8082	Total/NA

Client Sample ID: VOA-3 (9) — Lab Sample ID: HXC0079-14

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1000000	H	62000	62000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-3 (10) — Lab Sample ID: HXC0079-15

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	190000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-4 (6) — Lab Sample ID: HXC0079-16

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1200000	H	62000	62000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-4 (7) — Lab Sample ID: HXC0079-17

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	940000	H	62000	62000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-4 (8) — Lab Sample ID: HXC0079-18

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	920000	H	61000	61000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-4 (9) — Lab Sample ID: HXC0079-19

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	790000	H	62000	62000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-4 (10) — Lab Sample ID: HXC0079-20

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	890000	H	61000	61000	ug/Kg	5000		8082	Total/NA

Client Sample ID: VOA-5 (6) — Lab Sample ID: HXC0079-21

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-5 (6) (Continued) — Lab Sample ID: HXC0079-21

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	79000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5 (7) — Lab Sample ID: HXC0079-22

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	50000	H B	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5 (8) — Lab Sample ID: HXC0079-23

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	73000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5 (9) — Lab Sample ID: HXC0079-24

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	34000	H B	5000	5000	ug/Kg	400		8082	Total/NA

Client Sample ID: VOA-5 (10) — Lab Sample ID: HXC0079-25

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	130000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6 (6) — Lab Sample ID: HXC0079-26

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	76000	H B	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6 (7) — Lab Sample ID: HXC0079-27

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	8600	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-6 (8) — Lab Sample ID: HXC0079-28

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	69000	H B	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6 (9) — Lab Sample ID: HXC0079-29

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	37000	H	4900	4900	ug/Kg	400		8082	Total/NA

Client Sample ID: VOA-6 (10) — Lab Sample ID: HXC0079-30

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	90000	H B	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-7 (6) — Lab Sample ID: HXC0079-31

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-7 (6) (Continued) — Lab Sample ID: HXC0079-31

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	320	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-7 (7) — Lab Sample ID: HXC0079-32

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	330	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-7 (8) — Lab Sample ID: HXC0079-33

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	200	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-7 (9) — Lab Sample ID: HXC0079-34

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	260	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-7 (10) — Lab Sample ID: HXC0079-35

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	300	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-8 (6) — Lab Sample ID: HXC0079-36

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	280	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-8 (7) — Lab Sample ID: HXC0079-37

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	260	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-8 (8) — Lab Sample ID: HXC0079-38

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	190	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-8 (9) — Lab Sample ID: HXC0079-39

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	310	H	13	13	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-8 (10) — Lab Sample ID: HXC0079-40

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	400	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-9 (6) — Lab Sample ID: HXC0079-41

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-9 (6) (Continued) — Lab Sample ID: HXC0079-41

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3200	H B	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-9 (7) — Lab Sample ID: HXC0079-42

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2200	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-9 (8) — Lab Sample ID: HXC0079-43

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	11000	H B	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-9 (9) — Lab Sample ID: HXC0079-44

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2500	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-9 (10) — Lab Sample ID: HXC0079-45

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1300	H B	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-10 (6) — Lab Sample ID: HXC0079-46

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4600	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-10 (7) — Lab Sample ID: HXC0079-47

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4000	H B	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-10 (8) — Lab Sample ID: HXC0079-48

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6500	H	500	500	ug/Kg	40		8082	Total/NA

Client Sample ID: VOA-10 (9) — Lab Sample ID: HXC0079-49

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7400	H B	500	500	ug/Kg	40		8082	Total/NA

Client Sample ID: VOA-10 (10) — Lab Sample ID: HXC0079-50

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6200	H	500	500	ug/Kg	40		8082	Total/NA

Client Sample ID: VOA-11 (6) — Lab Sample ID: HXC0079-51

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-11 (6) (Continued) — Lab Sample ID: HXC0079-51

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-11 (7) — Lab Sample ID: HXC0079-52

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	46000	H	2400	2400	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-11 (8) — Lab Sample ID: HXC0079-53

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	45000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-11 (9) — Lab Sample ID: HXC0079-54

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	21000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-11 (10) — Lab Sample ID: HXC0079-55

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-12 (6) — Lab Sample ID: HXC0079-56

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2600000	H B	250000	250000	ug/Kg	20000		8082	Total/NA

Client Sample ID: VOA-12 (7) — Lab Sample ID: HXC0079-57

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6700000	H B	500000	500000	ug/Kg	40000		8082	Total/NA

Client Sample ID: VOA-12 (8) — Lab Sample ID: HXC0079-58

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	11000000	H B	500000	500000	ug/Kg	40000		8082	Total/NA

Client Sample ID: VOA-12 (9) — Lab Sample ID: HXC0079-59

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6800000	H B	490000	490000	ug/Kg	40000		8082	Total/NA

Client Sample ID: VOA-12 (10) — Lab Sample ID: HXC0079-60

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270000	H	12000	12000	ug/Kg	1000		8082	Total/NA

Client Sample ID: VOA-13 (6) — Lab Sample ID: HXC0079-61

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-13 (6) (Continued) — Lab Sample ID: HXC0079-61

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3900	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-13 (7) — Lab Sample ID: HXC0079-62

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-13 (8) — Lab Sample ID: HXC0079-63

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	210	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-13 (9) — Lab Sample ID: HXC0079-64

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1200	H	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-13 (10) — Lab Sample ID: HXC0079-65

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	150	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-14 (6) — Lab Sample ID: HXC0079-66

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	220	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-14 (7) — Lab Sample ID: HXC0079-67

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	160	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-14 (8) — Lab Sample ID: HXC0079-68

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	220	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-14 (9) — Lab Sample ID: HXC0079-69

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	180	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-14 (10) — Lab Sample ID: HXC0079-70

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	170	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-15 (6) — Lab Sample ID: HXC0079-71

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-15 (6) (Continued) — Lab Sample ID: HXC0079-71

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3900	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-15 (7) — Lab Sample ID: HXC0079-72

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3500	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-15 (8) — Lab Sample ID: HXC0079-73

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2800	H	240	240	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-15 (9) — Lab Sample ID: HXC0079-74

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4300	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-15 (10) — Lab Sample ID: HXC0079-75

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2800	H	240	240	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-16 (6) — Lab Sample ID: HXC0079-76

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	21000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-16 (7) — Lab Sample ID: HXC0079-77

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	13000	H	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-16 (8) — Lab Sample ID: HXC0079-78

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	8800	H	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-16 (9) — Lab Sample ID: HXC0079-79

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14000	H	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-16 (10) — Lab Sample ID: HXC0079-80

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14000	H	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-17 (6) — Lab Sample ID: HXC0079-81

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-17 (6) (Continued) — Lab Sample ID: HXC0079-81

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	10000	H B	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-17 (7) — Lab Sample ID: HXC0079-82

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	5300	H B	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-17 (8) — Lab Sample ID: HXC0079-83

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4100	H B	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-17 (9) — Lab Sample ID: HXC0079-84

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7700	H B	1200	1200	ug/Kg	100		8082	Total/NA

Client Sample ID: VOA-17 (10) — Lab Sample ID: HXC0079-85

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	67000	H B	4900	4900	ug/Kg	400		8082	Total/NA

Client Sample ID: VOA-18 (6) — Lab Sample ID: HXC0079-86

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-18 (7) — Lab Sample ID: HXC0079-87

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	23000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-18 (8) — Lab Sample ID: HXC0079-88

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	H B	2400	2400	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-18 (9) — Lab Sample ID: HXC0079-89

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	32000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-18 (10) — Lab Sample ID: HXC0079-90

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24000	H B	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-19 (6) — Lab Sample ID: HXC0079-91

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-19 (6) (Continued) — Lab Sample ID: HXC0079-91

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	76	H	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-19 (7) — Lab Sample ID: HXC0079-92

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	54	H	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-19 (8) — Lab Sample ID: HXC0079-93

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	36	H	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-19 (9) — Lab Sample ID: HXC0079-94

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	22	H	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-19 (10) — Lab Sample ID: HXC0079-95

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	70	H	12	12	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-20 (6) — Lab Sample ID: HXC0079-96

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	330	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-20 (7) — Lab Sample ID: HXC0079-97

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	480	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-20 (8) — Lab Sample ID: HXC0079-98

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	260	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-20 (9) — Lab Sample ID: HXC0079-99

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270	H B	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-20 (10) — Lab Sample ID: HXC0079-AA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1800	H B	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-21 (6) — Lab Sample ID: HXC0079-AB

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-21 (6) (Continued) — Lab Sample ID: HXC0079-AB

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	47000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-21 (7) — Lab Sample ID: HXC0079-AC

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	58000	H	4900	4900	ug/Kg	400		8082	Total/NA

Client Sample ID: VOA-21 (8) — Lab Sample ID: HXC0079-AD

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	45000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-21 (9) — Lab Sample ID: HXC0079-AE

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	36000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-21 (10) — Lab Sample ID: HXC0079-AF

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	32000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (6) — Lab Sample ID: HXC0079-AG

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (7) — Lab Sample ID: HXC0079-AH

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	17000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (8) — Lab Sample ID: HXC0079-AI

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (9) — Lab Sample ID: HXC0079-AJ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-22 (10) — Lab Sample ID: HXC0079-AK

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14000	H	2500	2500	ug/Kg	200		8082	Total/NA

Client Sample ID: VOA-23 (6) — Lab Sample ID: HXC0079-AL

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-23 (6) (Continued) — Lab Sample ID: HXC0079-AL

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	250	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-23 (7) — Lab Sample ID: HXC0079-AM

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	540	H	62	62	ug/Kg	5		8082	Total/NA

Client Sample ID: VOA-23 (8) — Lab Sample ID: HXC0079-AN

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1300	H	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-23 (9) — Lab Sample ID: HXC0079-AO

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1300	H	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-23 (10) — Lab Sample ID: HXC0079-AP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	320	H	12	12	ug/Kg	1		8082	Total/NA

Client Sample ID: VOA-24 (6) — Lab Sample ID: HXC0079-AQ

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2600	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-24 (7) — Lab Sample ID: HXC0079-AR

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	910	H	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-24 (8) — Lab Sample ID: HXC0079-AS

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	810	H	120	120	ug/Kg	10		8082	Total/NA

Client Sample ID: VOA-24 (9) — Lab Sample ID: HXC0079-AT

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2700	H	250	250	ug/Kg	20		8082	Total/NA

Client Sample ID: VOA-24 (10) — Lab Sample ID: HXC0079-AU

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2700	H	250	250	ug/Kg	20		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-1 (6)

Lab Sample ID: HXC0079-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1260	**2000**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*173*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 16:07*	*50*

Client Sample ID: VOA-1 (7)

Lab Sample ID: HXC0079-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50
PCB-1260	**2600**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*113*		*15 - 150*	*03/29/14 12:46*	*03/31/14 16:07*	*50*

Client Sample ID: VOA-1 (8)

Lab Sample ID: HXC0079-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50
PCB-1260	**2400**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*168*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 16:27*	*50*

Client Sample ID: VOA-1 (9)

Lab Sample ID: HXC0079-04

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1221	ND	H	120	120	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1232	ND	H	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1242	ND	H	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1248	ND	H	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1254	ND	H	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5
PCB-1260	**630**	**H**	62	62	ug/Kg		03/29/14 12:46	03/31/14 16:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*15 - 150*	*03/29/14 12:46*	*03/31/14 16:27*	*5*

Client Sample ID: VOA-1 (10)

Lab Sample ID: HXC0079-05

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1260	**2000**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*163*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 16:48*	*50*

Client Sample ID: VOA-2 (6)

Lab Sample ID: HXC0079-06

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50
PCB-1260	**6100**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 16:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*15 - 150*	*03/29/14 12:46*	*03/31/14 16:48*	*50*

Client Sample ID: VOA-2 (7)

Lab Sample ID: HXC0079-07

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1260	**14000**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*185*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 17:08*	*50*

Client Sample ID: VOA-2 (8)

Lab Sample ID: HXC0079-08

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50
PCB-1260	**13000**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*131*		*15 - 150*	*03/29/14 12:46*	*03/31/14 17:08*	*50*

Client Sample ID: VOA-2 (9)

Lab Sample ID: HXC0079-09

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1260	**9800**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*175*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 17:29*	*50*

Client Sample ID: VOA-2 (10)

Lab Sample ID: HXC0079-10

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1221	ND	H	1200	1200	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1232	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1242	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1248	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1254	ND	H	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50
PCB-1260	**12000**	**H**	620	620	ug/Kg		03/29/14 12:46	03/31/14 17:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*118*		*15 - 150*	*03/29/14 12:46*	*03/31/14 17:29*	*50*

Client Sample ID: VOA-3 (6)

Lab Sample ID: HXC0079-11

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1221	ND	H	24000	24000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000
PCB-1260	**230000**	**H**	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 17:49	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*364*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 17:49*	*1000*

Client Sample ID: VOA-3 (7)

Lab Sample ID: HXC0079-12

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1232	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1242	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1248	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1254	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000
PCB-1260	**480000**	**H**	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 17:49	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 17:49*	*5000*

Client Sample ID: VOA-3 (8)

Lab Sample ID: HXC0079-13

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1221	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1232	ND	H	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1242	ND	H	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1248	ND	H	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1254	ND	H	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500
PCB-1260	**110000**	**H**	6200	6200	ug/Kg		03/29/14 12:46	03/31/14 18:09	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*263*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:09*	*500*

Client Sample ID: VOA-3 (9)

Lab Sample ID: HXC0079-14

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1232	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1242	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1248	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1254	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000
PCB-1260	**1000000**	**H**	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:09	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:09*	*5000*

Client Sample ID: VOA-3 (10)

Lab Sample ID: HXC0079-15

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000
PCB-1260	**190000**	**H**	12000	12000	ug/Kg		03/29/14 12:46	03/31/14 18:30	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*413*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:30*	*1000*

Client Sample ID: VOA-4 (6)

Lab Sample ID: HXC0079-16

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1232	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1242	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1248	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1254	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000
PCB-1260	**1200000**	**H**	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:30	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:30*	*5000*

Client Sample ID: VOA-4 (7)

Lab Sample ID: HXC0079-17

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1232	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1242	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1248	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1254	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1260	**940000**	**H**	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1152*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:50*	*5000*

Client Sample ID: VOA-4 (8)

Lab Sample ID: HXC0079-18

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1232	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1242	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1248	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1254	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000
PCB-1260	**920000**	**H**	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 18:50	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 18:50*	*5000*

Client Sample ID: VOA-4 (9)

Lab Sample ID: HXC0079-19

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1232	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1242	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1248	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1254	ND	H	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1260	**790000**	**H**	62000	62000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1200*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 19:11*	*5000*

Client Sample ID: VOA-4 (10)

Lab Sample ID: HXC0079-20

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1221	ND	H	120000	120000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1232	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1242	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1248	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1254	ND	H	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000
PCB-1260	**890000**	**H**	61000	61000	ug/Kg		03/29/14 12:46	03/31/14 19:11	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 12:46*	*03/31/14 19:11*	*5000*

Client Sample ID: VOA-5 (6)

Lab Sample ID: HXC0079-21

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1260	**79000**	**H**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*486*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 19:52*	*1000*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-5 (7)

Lab Sample ID: HXC0079-22
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000
PCB-1260	**50000**	**H B**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 19:52	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 19:52*	*1000*

Client Sample ID: VOA-5 (8)

Lab Sample ID: HXC0079-23
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000
PCB-1260	**73000**	**H**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:12	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*254*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 20:12*	*1000*

Client Sample ID: VOA-5 (9)

Lab Sample ID: HXC0079-24
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1221	ND	H	10000	10000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1232	ND	H	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1242	ND	H	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1248	ND	H	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1254	ND	H	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400
PCB-1260	**34000**	**H B**	5000	5000	ug/Kg		03/29/14 13:02	03/31/14 20:12	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 20:12*	*400*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-5 (10)

Lab Sample ID: HXC0079-25

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1260	**130000**	**H**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*311*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 20:33*	*1000*

Client Sample ID: VOA-6 (6)

Lab Sample ID: HXC0079-26

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000
PCB-1260	**76000**	**H B**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:33	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 20:33*	*1000*

Client Sample ID: VOA-6 (7)

Lab Sample ID: HXC0079-27

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1221	ND	H	5000	5000	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200
PCB-1260	**8600**	**H B**	2500	2500	ug/Kg		03/29/14 13:02	04/01/14 11:18	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*04/01/14 11:18*	*200*

Client Sample ID: VOA-6 (8)

Lab Sample ID: HXC0079-28

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000
PCB-1260	**69000**	**H B**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 20:53	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 20:53*	*1000*

Client Sample ID: VOA-6 (9)

Lab Sample ID: HXC0079-29

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1221	ND	H	9800	9800	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1232	ND	H	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1242	ND	H	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1248	ND	H	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1254	ND	H	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400
PCB-1260	**37000**	**H**	4900	4900	ug/Kg		03/29/14 13:02	03/31/14 21:14	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*211*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 21:14*	*400*

Client Sample ID: VOA-6 (10)

Lab Sample ID: HXC0079-30

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000
PCB-1260	**90000**	**H B**	12000	12000	ug/Kg		03/29/14 13:02	03/31/14 21:14	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/29/14 13:02*	*03/31/14 21:14*	*1000*

Client Sample ID: VOA-7 (6)

Lab Sample ID: HXC0079-31

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1260	**320**	**H**	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*15 - 150*	*03/29/14 13:02*	*03/31/14 21:34*	*1*

Client Sample ID: VOA-7 (7)

Lab Sample ID: HXC0079-32

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1
PCB-1260	**330**	**H B**	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*15 - 150*	*03/29/14 13:02*	*03/31/14 21:34*	*1*

Client Sample ID: VOA-7 (8)

Lab Sample ID: HXC0079-33

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1221	ND	H	24	24	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1260	**200**	**H**	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 150*	*03/29/14 13:02*	*03/31/14 21:55*	*1*

Client Sample ID: VOA-7 (9)

Lab Sample ID: HXC0079-34

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1
PCB-1260	**260**	**H B**	12	12	ug/Kg		03/29/14 13:02	03/31/14 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*15 - 150*	*03/29/14 13:02*	*03/31/14 21:55*	*1*

Client Sample ID: VOA-7 (10)

Lab Sample ID: HXC0079-35

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1260	**300**	**H**	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*15 - 150*	*03/29/14 13:02*	*03/31/14 22:15*	*1*

Client Sample ID: VOA-8 (6)

Lab Sample ID: HXC0079-36

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1
PCB-1260	**280**	**H B**	12	12	ug/Kg		03/29/14 13:02	03/31/14 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*	*03/29/14 13:02*	*03/31/14 22:15*	*1*

Client Sample ID: VOA-8 (7)

Lab Sample ID: HXC0079-37

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1260	**260**	**H**	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*15 - 150*	*03/29/14 13:02*	*03/31/14 23:37*	*1*

Client Sample ID: VOA-8 (8)

Lab Sample ID: HXC0079-38

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1
PCB-1260	**190**	**H B**	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 150*	*03/29/14 13:02*	*03/31/14 23:37*	*1*

Client Sample ID: VOA-8 (9)

Lab Sample ID: HXC0079-39

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1232	ND	H	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1242	ND	H	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1248	ND	H	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1254	ND	H	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1260	**310**	**H**	13	13	ug/Kg		03/29/14 13:02	03/31/14 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*15 - 150*	*03/29/14 13:02*	*03/31/14 23:58*	*1*

Client Sample ID: VOA-8 (10)

Lab Sample ID: HXC0079-40

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1221	ND	H	25	25	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1232	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1242	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1248	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1254	ND	H	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1
PCB-1260	**400**	**H B**	12	12	ug/Kg		03/29/14 13:02	03/31/14 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*15 - 150*	*03/29/14 13:02*	*03/31/14 23:58*	*1*

Client Sample ID: VOA-9 (6)

Lab Sample ID: HXC0079-41

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20
PCB-1260	**3200**	**H B**	250	250	ug/Kg		03/30/14 08:37	04/01/14 12:20	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*141*		*15 - 150*	*03/30/14 08:37*	*04/01/14 12:20*	*20*

Client Sample ID: VOA-9 (7)

Lab Sample ID: HXC0079-42

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20
PCB-1260	**2200**	**H**	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*193*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 13:08*	*20*

Client Sample ID: VOA-9 (8)

Lab Sample ID: HXC0079-43

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1221	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1232	ND	H	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1242	ND	H	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1248	ND	H	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1254	ND	H	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100
PCB-1260	**11000**	**H B**	1200	1200	ug/Kg		03/30/14 08:37	04/01/14 13:08	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*152*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 13:08*	*100*

Client Sample ID: VOA-9 (9)

Lab Sample ID: HXC0079-44

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1221	ND	H	490	490	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20
PCB-1260	**2500**	**H**	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*166*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 13:28*	*20*

Client Sample ID: VOA-9 (10)

Lab Sample ID: HXC0079-45

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1221	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1232	ND	H	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1242	ND	H	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1248	ND	H	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1254	ND	H	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10
PCB-1260	**1300**	**H B**	120	120	ug/Kg		03/30/14 08:37	04/01/14 13:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*15 - 150*	*03/30/14 08:37*	*04/01/14 13:28*	*10*

Client Sample ID: VOA-10 (6)

Lab Sample ID: HXC0079-46

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1221	ND	H	490	490	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1260	**4600**	**H**	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*204*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 13:49*	*20*

Client Sample ID: VOA-10 (7)

Lab Sample ID: HXC0079-47

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20
PCB-1260	**4000**	**H B**	250	250	ug/Kg		03/30/14 08:37	04/01/14 13:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*132*		*15 - 150*	*03/30/14 08:37*	*04/01/14 13:49*	*20*

Client Sample ID: VOA-10 (8)

Lab Sample ID: HXC0079-48

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1221	ND	H	1000	1000	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1232	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1242	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1248	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1254	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1260	**6500**	**H**	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*247*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 14:09*	*40*

Client Sample ID: VOA-10 (9)

Lab Sample ID: HXC0079-49

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1221	ND	H	1000	1000	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1232	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1242	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1248	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1254	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40
PCB-1260	**7400**	**H B**	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:09	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*148*		*15 - 150*	*03/30/14 08:37*	*04/01/14 14:09*	*40*

Client Sample ID: VOA-10 (10)

Lab Sample ID: HXC0079-50

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1221	ND	H	990	990	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1232	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1242	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1248	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1254	ND	H	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40
PCB-1260	**6200**	**H**	500	500	ug/Kg		03/30/14 08:37	04/01/14 14:30	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*211*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 14:30*	*40*

Client Sample ID: VOA-11 (6)

Lab Sample ID: HXC0079-51

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1221	ND	H	4900	4900	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200
PCB-1260	**24000**	**H B**	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:30	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 14:30*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-11 (7)

Lab Sample ID: HXC0079-52

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1221	ND	H	4900	4900	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1232	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1242	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1248	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1254	ND	H	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1260	**46000**	**H**	2400	2400	ug/Kg		03/30/14 08:37	04/01/14 14:50	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*271*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 14:50*	*200*

Client Sample ID: VOA-11 (8)

Lab Sample ID: HXC0079-53

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1221	ND	H	4900	4900	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200
PCB-1260	**45000**	**H B**	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 14:50	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 14:50*	*200*

Client Sample ID: VOA-11 (9)

Lab Sample ID: HXC0079-54

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1221	ND	H	4900	4900	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1260	**21000**	**H**	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*217*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 15:10*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-11 (10)

Lab Sample ID: HXC0079-55

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1221	ND	H	4900	4900	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200
PCB-1260	**24000**	**H B**	2500	2500	ug/Kg		03/30/14 08:37	04/01/14 15:10	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 15:10*	*200*

Client Sample ID: VOA-12 (6)

Lab Sample ID: HXC0079-56

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1221	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1232	ND	H	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1242	ND	H	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1248	ND	H	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1254	ND	H	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000
PCB-1260	**2600000**	**H B**	250000	250000	ug/Kg		03/30/14 08:37	04/01/14 21:42	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*3823*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 21:42*	*20000*

Client Sample ID: VOA-12 (7)

Lab Sample ID: HXC0079-57

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1221	ND	H	990000	990000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1232	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1242	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1248	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1254	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000
PCB-1260	**6700000**	**H B**	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:03	40000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 22:03*	*40000*

Client Sample ID: VOA-12 (8)

Lab Sample ID: HXC0079-58

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1221	ND	H	1000000	1000000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1232	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1242	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1248	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1254	ND	H	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1260	**11000000**	**H B**	500000	500000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*16758*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 22:23*	*40000*

Client Sample ID: VOA-12 (9)

Lab Sample ID: HXC0079-59

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1221	ND	H	990000	990000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1232	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1242	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1248	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1254	ND	H	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000
PCB-1260	**6800000**	**H B**	490000	490000	ug/Kg		03/30/14 08:37	04/01/14 22:23	40000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 22:23*	*40000*

Client Sample ID: VOA-12 (10)

Lab Sample ID: HXC0079-60

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1221	ND	H	25000	25000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1232	ND	H	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1242	ND	H	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1248	ND	H	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1254	ND	H	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000
PCB-1260	**270000**	**H**	12000	12000	ug/Kg		03/30/14 08:37	04/01/14 16:13	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*552*	*X*	*15 - 150*	*03/30/14 08:37*	*04/01/14 16:13*	*1000*

Client Sample ID: VOA-13 (6)

Lab Sample ID: HXC0079-61

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20
PCB-1260	**3900**	**H**	250	250	ug/Kg		03/30/14 08:43	04/01/14 16:13	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*133*		*15 - 150*	*03/30/14 08:43*	*04/01/14 16:13*	*20*

Client Sample ID: VOA-13 (7)

Lab Sample ID: HXC0079-62

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1260	**230**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*115*		*15 - 150*	*03/30/14 08:43*	*04/01/14 16:54*	*1*

Client Sample ID: VOA-13 (8)

Lab Sample ID: HXC0079-63

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1
PCB-1260	**210**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*15 - 150*	*03/30/14 08:43*	*04/01/14 16:54*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-13 (9)

Lab Sample ID: HXC0079-64
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1221	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1232	ND	H	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1242	ND	H	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1248	ND	H	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1254	ND	H	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10
PCB-1260	**1200**	**H**	120	120	ug/Kg		03/30/14 08:43	04/01/14 17:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*174*	*X*	*15 - 150*	*03/30/14 08:43*	*04/01/14 17:14*	*10*

Client Sample ID: VOA-13 (10)

Lab Sample ID: HXC0079-65
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1
PCB-1260	**150**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*	*03/30/14 08:43*	*04/01/14 17:14*	*1*

Client Sample ID: VOA-14 (6)

Lab Sample ID: HXC0079-66
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1260	**220**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*15 - 150*	*03/30/14 08:43*	*04/01/14 17:35*	*1*

Client Sample ID: VOA-14 (7)

Lab Sample ID: HXC0079-67

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1
PCB-1260	**160**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*	*03/30/14 08:43*	*04/01/14 17:35*	*1*

Client Sample ID: VOA-14 (8)

Lab Sample ID: HXC0079-68

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1221	ND	H	24	24	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1260	**220**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*15 - 150*	*03/30/14 08:43*	*04/01/14 17:55*	*1*

Client Sample ID: VOA-14 (9)

Lab Sample ID: HXC0079-69

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1
PCB-1260	**180**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*15 - 150*	*03/30/14 08:43*	*04/01/14 17:55*	*1*

Client Sample ID: VOA-14 (10)

Lab Sample ID: HXC0079-70

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1221	ND	H	25	25	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1232	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1242	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1248	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1254	ND	H	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1
PCB-1260	**170**	**H**	12	12	ug/Kg		03/30/14 08:43	04/01/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*15 - 150*	*03/30/14 08:43*	*04/01/14 18:15*	*1*

Client Sample ID: VOA-15 (6)

Lab Sample ID: HXC0079-71

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20
PCB-1260	**3900**	**H**	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*121*		*15 - 150*	*03/30/14 08:43*	*04/01/14 18:15*	*20*

Client Sample ID: VOA-15 (7)

Lab Sample ID: HXC0079-72

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1260	**3500**	**H**	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:36	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*202*	*X*	*15 - 150*	*03/30/14 08:43*	*04/01/14 18:36*	*20*

Client Sample ID: VOA-15 (8)

Lab Sample ID: HXC0079-73

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1221	ND	H	490	490	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1232	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1242	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1248	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1254	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20
PCB-1260	**2800**	**H**	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:36	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*135*		*15 - 150*	*03/30/14 08:43*	*04/01/14 18:36*	*20*

Client Sample ID: VOA-15 (9)

Lab Sample ID: HXC0079-74

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1221	ND	H	500	500	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1232	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1242	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1248	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1254	ND	H	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1260	**4300**	**H**	250	250	ug/Kg		03/30/14 08:43	04/01/14 18:56	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*178*	*X*	*15 - 150*	*03/30/14 08:43*	*04/01/14 18:56*	*20*

Client Sample ID: VOA-15 (10)

Lab Sample ID: HXC0079-75

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1221	ND	H	490	490	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1232	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1242	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1248	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1254	ND	H	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20
PCB-1260	**2800**	**H**	240	240	ug/Kg		03/30/14 08:43	04/01/14 18:56	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*122*		*15 - 150*	*03/30/14 08:43*	*04/01/14 18:56*	*20*

Client Sample ID: VOA-16 (6)

Lab Sample ID: HXC0079-76

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1221	ND	H	5000	5000	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1232	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1242	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1248	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1254	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200
PCB-1260	**21000**	**H**	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*219*	*X*	*15 - 150*	*03/30/14 08:43*	*04/01/14 19:17*	*200*

Client Sample ID: VOA-16 (7)

Lab Sample ID: HXC0079-77

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1221	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1232	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1242	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1248	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1254	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100
PCB-1260	**13000**	**H**	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 19:17	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*136*		*15 - 150*	*03/30/14 08:43*	*04/01/14 19:17*	*100*

Client Sample ID: VOA-16 (8)

Lab Sample ID: HXC0079-78

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1221	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1232	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1242	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1248	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1254	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1260	**8800**	**H**	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*145*		*15 - 150*	*03/30/14 08:43*	*04/01/14 21:22*	*100*

Client Sample ID: VOA-16 (9)

Lab Sample ID: HXC0079-79

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1221	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1232	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1242	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1248	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1254	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100
PCB-1260	**14000**	**H**	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*223*	*X*	*15 - 150*	*03/30/14 08:43*	*04/01/14 21:22*	*100*

Client Sample ID: VOA-16 (10)

Lab Sample ID: HXC0079-80

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1221	ND	H	2500	2500	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1232	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1242	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1248	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1254	ND	H	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100
PCB-1260	**14000**	**H**	1200	1200	ug/Kg		03/30/14 08:43	04/01/14 21:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*145*		*15 - 150*	*03/30/14 08:43*	*04/01/14 21:42*	*100*

Client Sample ID: VOA-17 (6)

Lab Sample ID: HXC0079-81

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1221	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1232	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1242	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1248	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1254	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100
PCB-1260	**10000**	**H B**	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 12:45	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*186*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 12:45*	*100*

Client Sample ID: VOA-17 (7)

Lab Sample ID: HXC0079-82

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1221	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1232	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1242	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1248	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1254	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100
PCB-1260	**5300**	**H B**	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*195*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 13:05*	*100*

Client Sample ID: VOA-17 (8)

Lab Sample ID: HXC0079-83

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1221	ND	H	490	490	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1232	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1242	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1248	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1254	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20
PCB-1260	**4100**	**H B**	250	250	ug/Kg		04/01/14 10:04	04/03/14 13:26	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*180*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 13:26*	*20*

Client Sample ID: VOA-17 (9)

Lab Sample ID: HXC0079-84

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1221	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1232	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1242	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1248	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1254	ND	H	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100
PCB-1260	**7700**	**H B**	1200	1200	ug/Kg		04/01/14 10:04	04/03/14 13:47	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*190*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 13:47*	*100*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-17 (10)

Lab Sample ID: HXC0079-85

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1221	ND	H	9900	9900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1232	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1242	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1248	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1254	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400
PCB-1260	**67000**	**H B**	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:07	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*332*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 14:07*	*400*

Client Sample ID: VOA-18 (6)

Lab Sample ID: HXC0079-86

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200
PCB-1260	**15000**	**H B**	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:27	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*240*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 14:27*	*200*

Client Sample ID: VOA-18 (7)

Lab Sample ID: HXC0079-87

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200
PCB-1260	**23000**	**H B**	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 14:48	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*241*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 14:48*	*200*

Client Sample ID: VOA-18 (8)

Lab Sample ID: HXC0079-88

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1232	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1242	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1248	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1254	ND	H	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200
PCB-1260	**15000**	**H B**	2400	2400	ug/Kg		04/01/14 10:04	04/03/14 15:08	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*230*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 15:08*	*200*

Client Sample ID: VOA-18 (9)

Lab Sample ID: HXC0079-89

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200
PCB-1260	**32000**	**H B**	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 15:49	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*418*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 15:49*	*200*

Client Sample ID: VOA-18 (10)

Lab Sample ID: HXC0079-90

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200
PCB-1260	**24000**	**H B**	2500	2500	ug/Kg		04/01/14 10:04	04/03/14 16:10	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*393*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 16:10*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-19 (6)

Lab Sample ID: HXC0079-91
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1221	ND	H	25	25	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1232	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1242	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1248	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1254	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5
PCB-1260	**76**	**H**	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*15 - 150*	*04/05/14 07:17*	*04/06/14 19:37*	*5*

Client Sample ID: VOA-19 (7)

Lab Sample ID: HXC0079-92
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1221	ND	H	25	25	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1232	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1242	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1248	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1254	ND	H	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5
PCB-1260	**54**	**H**	12	12	ug/Kg		04/05/14 07:17	04/06/14 19:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*15 - 150*	*04/05/14 07:17*	*04/06/14 19:58*	*5*

Client Sample ID: VOA-19 (8)

Lab Sample ID: HXC0079-93
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1221	ND	H	24	24	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1232	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1242	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1248	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1254	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5
PCB-1260	**36**	**H**	12	12	ug/Kg		04/05/14 07:17	04/07/14 15:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*15 - 150*	*04/05/14 07:17*	*04/07/14 15:50*	*5*

Client Sample ID: VOA-19 (9)

Lab Sample ID: HXC0079-94

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1221	ND	H	25	25	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1232	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1242	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1248	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1254	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5
PCB-1260	**22**	**H**	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*111*		*15 - 150*	*04/05/14 07:17*	*04/07/14 16:10*	*5*

Client Sample ID: VOA-19 (10)

Lab Sample ID: HXC0079-95

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1221	ND	H	25	25	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1232	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1242	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1248	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1254	ND	H	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5
PCB-1260	**70**	**H**	12	12	ug/Kg		04/05/14 07:17	04/07/14 16:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*15 - 150*	*04/05/14 07:17*	*04/07/14 16:31*	*5*

Client Sample ID: VOA-20 (6)

Lab Sample ID: HXC0079-96

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1
PCB-1260	**330**	**H B**	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*107*		*15 - 150*	*04/01/14 10:04*	*04/03/14 18:33*	*1*

Client Sample ID: VOA-20 (7)

Lab Sample ID: HXC0079-97

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1
PCB-1260	**480**	**H B**	12	12	ug/Kg		04/01/14 10:04	04/03/14 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*15 - 150*	*04/01/14 10:04*	*04/03/14 18:53*	*1*

Client Sample ID: VOA-20 (8)

Lab Sample ID: HXC0079-98

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1
PCB-1260	**260**	**H B**	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*135*		*15 - 150*	*04/01/14 10:04*	*04/03/14 19:34*	*1*

Client Sample ID: VOA-20 (9)

Lab Sample ID: HXC0079-99

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1
PCB-1260	**270**	**H B**	12	12	ug/Kg		04/01/14 10:04	04/03/14 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*136*		*15 - 150*	*04/01/14 10:04*	*04/03/14 19:54*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-20 (10)

Lab Sample ID: HXC0079-AA
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1221	ND	H	490	490	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1232	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1242	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1248	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1254	ND	H	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20
PCB-1260	**1800**	**H B**	250	250	ug/Kg		04/01/14 10:04	04/03/14 20:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*166*	*X*	*15 - 150*	*04/01/14 10:04*	*04/03/14 20:15*	*20*

Client Sample ID: VOA-21 (6)

Lab Sample ID: HXC0079-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200
PCB-1260	**47000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 12:45	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 12:45*	*200*

Client Sample ID: VOA-21 (7)

Lab Sample ID: HXC0079-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1221	ND	H	9800	9800	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1232	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1242	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1248	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1254	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400
PCB-1260	**58000**	**H**	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:05	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 13:05*	*400*

Client Sample ID: VOA-21 (8)

Lab Sample ID: HXC0079-AD

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200
PCB-1260	**45000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:26	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 13:26*	*200*

Client Sample ID: VOA-21 (9)

Lab Sample ID: HXC0079-AE

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200
PCB-1260	**36000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 13:47	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 13:47*	*200*

Client Sample ID: VOA-21 (10)

Lab Sample ID: HXC0079-AF

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200
PCB-1260	**32000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:07	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 14:07*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-22 (6)

Lab Sample ID: HXC0079-AG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200
PCB-1260	**15000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:27	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 14:27*	*200*

Client Sample ID: VOA-22 (7)

Lab Sample ID: HXC0079-AH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200
PCB-1260	**17000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 14:48	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 14:48*	*200*

Client Sample ID: VOA-22 (8)

Lab Sample ID: HXC0079-AI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1221	ND	H	4900	4900	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200
PCB-1260	**14000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:08	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 15:08*	*200*

Client Sample ID: VOA-22 (9)

Lab Sample ID: HXC0079-AJ

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200
PCB-1260	**18000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 15:49	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 15:49*	*200*

Client Sample ID: VOA-22 (10)

Lab Sample ID: HXC0079-AK

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1221	ND	H	5000	5000	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1232	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1242	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1248	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1254	ND	H	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200
PCB-1260	**14000**	**H**	2500	2500	ug/Kg		04/01/14 10:10	04/03/14 16:10	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*04/01/14 10:10*	*04/03/14 16:10*	*200*

Client Sample ID: VOA-23 (6)

Lab Sample ID: HXC0079-AL

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1
PCB-1260	**250**	**H**	12	12	ug/Kg		04/01/14 10:10	04/03/14 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*15 - 150*	*04/01/14 10:10*	*04/03/14 16:30*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-23 (7)

Lab Sample ID: HXC0079-AM
Matrix: Solid/Soil

Date Collected: 03/05/14 11:30
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1221	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1232	ND	H	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1242	ND	H	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1248	ND	H	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1254	ND	H	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5
PCB-1260	**540**	**H**	62	62	ug/Kg		04/01/14 10:10	04/03/14 16:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*15 - 150*	*04/01/14 10:10*	*04/03/14 16:51*	*5*

Client Sample ID: VOA-23 (8)

Lab Sample ID: HXC0079-AN
Matrix: Solid/Soil

Date Collected: 03/05/14 11:30
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1221	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1232	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1242	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1248	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1254	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10
PCB-1260	**1300**	**H**	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*15 - 150*	*04/01/14 10:10*	*04/03/14 17:31*	*10*

Client Sample ID: VOA-23 (9)

Lab Sample ID: HXC0079-AO
Matrix: Solid/Soil

Date Collected: 03/05/14 11:30
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1221	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1232	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1242	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1248	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1254	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10
PCB-1260	**1300**	**H**	120	120	ug/Kg		04/01/14 10:10	04/03/14 17:52	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*117*		*15 - 150*	*04/01/14 10:10*	*04/03/14 17:52*	*10*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-23 (10)

Lab Sample ID: HXC0079-AP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1221	ND	H	25	25	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1232	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1242	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1248	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1254	ND	H	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1
PCB-1260	**320**	**H**	12	12	ug/Kg		04/01/14 10:10	04/03/14 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*15 - 150*	*04/01/14 10:10*	*04/03/14 18:12*	*1*

Client Sample ID: VOA-24 (6)

Lab Sample ID: HXC0079-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1221	ND	H	490	490	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1232	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1242	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1248	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1254	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20
PCB-1260	**2600**	**H**	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:33	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*112*		*15 - 150*	*04/01/14 10:10*	*04/03/14 18:33*	*20*

Client Sample ID: VOA-24 (7)

Lab Sample ID: HXC0079-AR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1221	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1232	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1242	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1248	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1254	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10
PCB-1260	**910**	**H**	120	120	ug/Kg		04/01/14 10:10	04/03/14 18:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 150*	*04/01/14 10:10*	*04/03/14 18:53*	*10*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-24 (8)

Lab Sample ID: HXC0079-AS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1221	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1232	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1242	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1248	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1254	ND	H	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10
PCB-1260	**810**	**H**	120	120	ug/Kg		04/01/14 10:10	04/03/14 19:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*15 - 150*	*04/01/14 10:10*	*04/03/14 19:34*	*10*

Client Sample ID: VOA-24 (9)

Lab Sample ID: HXC0079-AT
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1221	ND	H	500	500	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1232	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1242	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1248	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1254	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20
PCB-1260	**2700**	**H**	250	250	ug/Kg		04/01/14 10:10	04/03/14 19:54	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*117*		*15 - 150*	*04/01/14 10:10*	*04/03/14 19:54*	*20*

Client Sample ID: VOA-24 (10)

Lab Sample ID: HXC0079-AU
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1221	ND	H	490	490	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1232	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1242	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1248	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1254	ND	H	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20
PCB-1260	**2700**	**H**	250	250	ug/Kg		04/01/14 10:10	04/03/14 20:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 150*	*04/01/14 10:10*	*04/03/14 20:15*	*20*

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
		DCB1						
Lab Sample ID	Client Sample ID	(15-150)						
250-18023-A-10-M MS	Matrix Spike	58						
250-18023-A-10-N MSD	Matrix Spike Duplicate	59						
LCS 250-25654/2-A	Lab Control Sample	119						
LCS 250-25655/2-A	Lab Control Sample	97						
LCS 250-25661/2-A	Lab Control Sample	101						
LCS 250-25662/2-A	Lab Control Sample	88						
LCS 250-25719/2-A	Lab Control Sample	123						
LCS 250-25723/2-A	Lab Control Sample	104						
LCS 250-25895/2-A	Lab Control Sample	80						
MB 250-25654/1-A	Method Blank	120						
MB 250-25655/1-A	Method Blank	96						
MB 250-25661/1-A	Method Blank	104						
MB 250-25662/1-A	Method Blank	114						
MB 250-25719/1-A	Method Blank	114						
MB 250-25723/1-A	Method Blank	99						
MB 250-25895/1-A	Method Blank	67						

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
		DCB1						
Lab Sample ID	Client Sample ID	(15-150)						
HXC0079-01	VOA-1 (6)	173 X						
HXC0079-02	VOA-1 (7)	113						
HXC0079-03	VOA-1 (8)	168 X						
HXC0079-04	VOA-1 (9)	106						
HXC0079-05	VOA-1 (10)	163 X						
HXC0079-06	VOA-2 (6)	84						
HXC0079-07	VOA-2 (7)	185 X						
HXC0079-08	VOA-2 (8)	131						
HXC0079-09	VOA-2 (9)	175 X						
HXC0079-10	VOA-2 (10)	118						
HXC0079-11	VOA-3 (6)	364 X						
HXC0079-12	VOA-3 (7)	0 X						
HXC0079-13	VOA-3 (8)	263 X						
HXC0079-14	VOA-3 (9)	0 X						
HXC0079-15	VOA-3 (10)	413 X						
HXC0079-16	VOA-4 (6)	0 X						
HXC0079-17	VOA-4 (7)	1152 X						
HXC0079-18	VOA-4 (8)	0 X						
HXC0079-19	VOA-4 (9)	1200 X						
HXC0079-20	VOA-4 (10)	0 X						
HXC0079-21	VOA-5 (6)	486 X						
HXC0079-22	VOA-5 (7)	0 X						
HXC0079-23	VOA-5 (8)	254 X						

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0079-24	VOA-5 (9)	0 X						
HXC0079-25	VOA-5 (10)	311 X						
HXC0079-26	VOA-6 (6)	0 X						
HXC0079-27	VOA-6 (7)	0 X						
HXC0079-28	VOA-6 (8)	0 X						
HXC0079-29	VOA-6 (9)	211 X						
HXC0079-30	VOA-6 (10)	0 X						
HXC0079-31	VOA-7 (6)	109						
HXC0079-32	VOA-7 (7)	90						
HXC0079-33	VOA-7 (8)	108						
HXC0079-34	VOA-7 (9)	94						
HXC0079-35	VOA-7 (10)	110						
HXC0079-36	VOA-8 (6)	96						
HXC0079-37	VOA-8 (7)	109						
HXC0079-38	VOA-8 (8)	98						
HXC0079-39	VOA-8 (9)	114						
HXC0079-40	VOA-8 (10)	89						
HXC0079-41	VOA-9 (6)	141						
HXC0079-42	VOA-9 (7)	193 X						
HXC0079-43	VOA-9 (8)	152 X						
HXC0079-44	VOA-9 (9)	166 X						
HXC0079-45	VOA-9 (10)	114						
HXC0079-46	VOA-10 (6)	204 X						
HXC0079-47	VOA-10 (7)	132						
HXC0079-48	VOA-10 (8)	247 X						
HXC0079-49	VOA-10 (9)	148						
HXC0079-50	VOA-10 (10)	211 X						
HXC0079-51	VOA-11 (6)	0 X						
HXC0079-52	VOA-11 (7)	271 X						
HXC0079-53	VOA-11 (8)	0 X						
HXC0079-54	VOA-11 (9)	217 X						
HXC0079-55	VOA-11 (10)	0 X						
HXC0079-56	VOA-12 (6)	3823 X						
HXC0079-57	VOA-12 (7)	0 X						
HXC0079-58	VOA-12 (8)	16758 X						
HXC0079-59	VOA-12 (9)	0 X						
HXC0079-60	VOA-12 (10)	552 X						
HXC0079-61	VOA-13 (6)	133						
HXC0079-62	VOA-13 (7)	115						
HXC0079-63	VOA-13 (8)	91						
HXC0079-64	VOA-13 (9)	174 X						
HXC0079-65	VOA-13 (10)	96						
HXC0079-66	VOA-14 (6)	84						
HXC0079-67	VOA-14 (7)	96						
HXC0079-68	VOA-14 (8)	106						
HXC0079-69	VOA-14 (9)	91						
HXC0079-70	VOA-14 (10)	110						
HXC0079-71	VOA-15 (6)	121						
HXC0079-72	VOA-15 (7)	202 X						

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0079-73	VOA-15 (8)	135						
HXC0079-74	VOA-15 (9)	178 X						
HXC0079-75	VOA-15 (10)	122						
HXC0079-76	VOA-16 (6)	219 X						
HXC0079-77	VOA-16 (7)	136						
HXC0079-78	VOA-16 (8)	145						
HXC0079-79	VOA-16 (9)	223 X						
HXC0079-80	VOA-16 (10)	145						
HXC0079-81	VOA-17 (6)	186 X						
HXC0079-82	VOA-17 (7)	195 X						
HXC0079-83	VOA-17 (8)	180 X						
HXC0079-84	VOA-17 (9)	190 X						
HXC0079-85	VOA-17 (10)	332 X						
HXC0079-86	VOA-18 (6)	240 X						
HXC0079-87	VOA-18 (7)	241 X						
HXC0079-88	VOA-18 (8)	230 X						
HXC0079-89	VOA-18 (9)	418 X						
HXC0079-90	VOA-18 (10)	393 X						
HXC0079-91	VOA-19 (6)	75						
HXC0079-92	VOA-19 (7)	74						
HXC0079-93	VOA-19 (8)	109						
HXC0079-94	VOA-19 (9)	111						
HXC0079-95	VOA-19 (10)	101						
HXC0079-96	VOA-20 (6)	107						
HXC0079-97	VOA-20 (7)	114						
HXC0079-98	VOA-20 (8)	135						
HXC0079-99	VOA-20 (9)	136						
HXC0079-AA	VOA-20 (10)	166 X						
HXC0079-AB	VOA-21 (6)	0 X						
HXC0079-AC	VOA-21 (7)	0 X						
HXC0079-AD	VOA-21 (8)	0 X						
HXC0079-AE	VOA-21 (9)	0 X						
HXC0079-AF	VOA-21 (10)	0 X						
HXC0079-AG	VOA-22 (6)	0 X						
HXC0079-AH	VOA-22 (7)	0 X						
HXC0079-AI	VOA-22 (8)	0 X						
HXC0079-AJ	VOA-22 (9)	0 X						
HXC0079-AK	VOA-22 (10)	0 X						
HXC0079-AL	VOA-23 (6)	81						
HXC0079-AM	VOA-23 (7)	110						
HXC0079-AN	VOA-23 (8)	110						
HXC0079-AO	VOA-23 (9)	117						
HXC0079-AP	VOA-23 (10)	81						
HXC0079-AQ	VOA-24 (6)	112						
HXC0079-AR	VOA-24 (7)	98						
HXC0079-AS	VOA-24 (8)	94						
HXC0079-AT	VOA-24 (9)	117						
HXC0079-AU	VOA-24 (10)	98						

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Lab Sample ID: MB 250-25654/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25698 — **Prep Batch: 25654**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1221	ND		25	25	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1232	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1242	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1248	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1254	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1
PCB-1260	ND		12	12	ug/Kg		03/29/14 12:46	03/31/14 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*120*		*15 - 150*	*03/29/14 12:46*	*03/31/14 22:36*	*1*

Lab Sample ID: LCS 250-25654/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25761 — **Prep Batch: 25654**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	99.4	99.6		ug/Kg		100	50 - 150
PCB-1260	99.4	134		ug/Kg		135	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*119*		*15 - 150*

Lab Sample ID: MB 250-25655/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25696 — **Prep Batch: 25655**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1221	ND		25	25	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1232	ND		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1242	ND		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1248	ND		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1254	ND		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1
PCB-1260	16.3		12	12	ug/Kg		03/29/14 13:02	03/31/14 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*	*03/29/14 13:02*	*03/31/14 22:36*	*1*

Lab Sample ID: LCS 250-25655/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25696 — **Prep Batch: 25655**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	100	94.3		ug/Kg		94	50 - 150
PCB-1260	100	102		ug/Kg		102	50 - 150

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

Lab Sample ID: LCS 250-25655/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25696 — **Prep Batch: 25655**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	97		15 - 150

Lab Sample ID: MB 250-25661/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25763 — **Prep Batch: 25661**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1221	ND		25	25	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1232	ND		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1242	ND		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1248	ND		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1254	ND		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1
PCB-1260	147		12	12	ug/Kg		03/30/14 08:37	04/01/14 19:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		15 - 150	03/30/14 08:37	04/01/14 19:37	1

Lab Sample ID: LCS 250-25661/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25763 — **Prep Batch: 25661**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	99.8	96.0		ug/Kg		96	50 - 150
PCB-1260	99.8	149		ug/Kg		149	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	101		15 - 150

Lab Sample ID: MB 250-25662/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25761 — **Prep Batch: 25662**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1221	ND		25	25	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1232	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1242	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1248	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1254	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1
PCB-1260	ND		12	12	ug/Kg		03/30/14 08:43	04/01/14 19:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	114		15 - 150	03/30/14 08:43	04/01/14 19:37	1

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

Lab Sample ID: LCS 250-25662/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25763 — **Prep Batch: 25662**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	98.5	79.1		ug/Kg		80	50 - 150
PCB-1260	98.5	117		ug/Kg		119	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*88*		*15 - 150*

Lab Sample ID: MB 250-25719/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25861 — **Prep Batch: 25719**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1221	ND		25	25	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1232	ND		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1242	ND		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1248	ND		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1254	ND		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1
PCB-1260	12.8		12	12	ug/Kg		04/01/14 10:04	04/03/14 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*15 - 150*	*04/01/14 10:04*	*04/03/14 12:06*	*1*

Lab Sample ID: LCS 250-25719/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25861 — **Prep Batch: 25719**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	98.7	99.2		ug/Kg		101	50 - 150
PCB-1260	98.7	109		ug/Kg		111	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*123*		*15 - 150*

Lab Sample ID: MB 250-25723/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25862 — **Prep Batch: 25723**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1221	ND		25	25	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1232	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1242	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1248	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1254	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1
PCB-1260	ND		12	12	ug/Kg		04/01/14 10:10	04/03/14 12:06	1

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

Lab Sample ID: MB 250-25723/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25862 — **Prep Batch: 25723**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	99		15 - 150	04/01/14 10:10	04/03/14 12:06	1

Lab Sample ID: LCS 250-25723/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25862 — **Prep Batch: 25723**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	99.9	100		ug/Kg		100	50 - 150
PCB-1260	99.9	109		ug/Kg		109	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	104		15 - 150

Lab Sample ID: MB 250-25895/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25925 — **Prep Batch: 25895**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1221	ND		5.0	5.0	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1232	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1242	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1248	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1254	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1
PCB-1260	ND		2.5	2.5	ug/Kg		04/05/14 07:17	04/06/14 17:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	67		15 - 150	04/05/14 07:17	04/06/14 17:55	1

Lab Sample ID: LCS 250-25895/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25948 — **Prep Batch: 25895**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	48.8	36.9		ug/Kg		76	50 - 150
PCB-1260	48.8	39.3		ug/Kg		81	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	80		15 - 150

Lab Sample ID: 250-18023-A-10-M MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25925 — **Prep Batch: 25895**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		49.3	27.2		ug/Kg		55	20 - 150
PCB-1260	ND		49.3	76.0	F1	ug/Kg		154	20 - 150

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

Lab Sample ID: 250-18023-A-10-M MS
Matrix: Solid
Analysis Batch: 25925

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 25895

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*58*		*15 - 150*

Lab Sample ID: 250-18023-A-10-N MSD
Matrix: Solid
Analysis Batch: 25925

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 25895

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		49.6	30.3		ug/Kg		61	20 - 150	11	40
PCB-1260	ND		49.6	79.6	F1	ug/Kg		160	20 - 150	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*59*		*15 - 150*

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

GC Semi VOA

Prep Batch: 25654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-01	VOA-1 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-02	VOA-1 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-03	VOA-1 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-04	VOA-1 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-05	VOA-1 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-06	VOA-2 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-07	VOA-2 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-08	VOA-2 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-09	VOA-2 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-10	VOA-2 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-11	VOA-3 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-12	VOA-3 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-13	VOA-3 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-14	VOA-3 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-15	VOA-3 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-16	VOA-4 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-17	VOA-4 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-18	VOA-4 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-19	VOA-4 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-20	VOA-4 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25654/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25654/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-21	VOA-5 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-22	VOA-5 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-23	VOA-5 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-24	VOA-5 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-25	VOA-5 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-26	VOA-6 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-27	VOA-6 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-28	VOA-6 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-29	VOA-6 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-30	VOA-6 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-31	VOA-7 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-32	VOA-7 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-33	VOA-7 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-34	VOA-7 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-35	VOA-7 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-36	VOA-8 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-37	VOA-8 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-38	VOA-8 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-39	VOA-8 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-40	VOA-8 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25655/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25655/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-41	VOA-9 (6)	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-42	VOA-9 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-43	VOA-9 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-44	VOA-9 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-45	VOA-9 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-46	VOA-10 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-47	VOA-10 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-48	VOA-10 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-49	VOA-10 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-50	VOA-10 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-51	VOA-11 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-52	VOA-11 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-53	VOA-11 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-54	VOA-11 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-55	VOA-11 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-56	VOA-12 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-57	VOA-12 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-58	VOA-12 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-59	VOA-12 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-60	VOA-12 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25661/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25661/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-61	VOA-13 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-62	VOA-13 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-63	VOA-13 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-64	VOA-13 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-65	VOA-13 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-66	VOA-14 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-67	VOA-14 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-68	VOA-14 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-69	VOA-14 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-70	VOA-14 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-71	VOA-15 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-72	VOA-15 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-73	VOA-15 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-74	VOA-15 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-75	VOA-15 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-76	VOA-16 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-77	VOA-16 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-78	VOA-16 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-79	VOA-16 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-80	VOA-16 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25662/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25662/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-02	VOA-1 (7)	Total/NA	Solid/Soil	8082	25654
HXC0079-04	VOA-1 (9)	Total/NA	Solid/Soil	8082	25654

GC Semi VOA (Continued)

Analysis Batch: 25696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-06	VOA-2 (6)	Total/NA	Solid/Soil	8082	25654
HXC0079-08	VOA-2 (8)	Total/NA	Solid/Soil	8082	25654
HXC0079-10	VOA-2 (10)	Total/NA	Solid/Soil	8082	25654
HXC0079-12	VOA-3 (7)	Total/NA	Solid/Soil	8082	25654
HXC0079-14	VOA-3 (9)	Total/NA	Solid/Soil	8082	25654
HXC0079-16	VOA-4 (6)	Total/NA	Solid/Soil	8082	25654
HXC0079-18	VOA-4 (8)	Total/NA	Solid/Soil	8082	25654
HXC0079-20	VOA-4 (10)	Total/NA	Solid/Soil	8082	25654
HXC0079-22	VOA-5 (7)	Total/NA	Solid/Soil	8082	25655
HXC0079-24	VOA-5 (9)	Total/NA	Solid/Soil	8082	25655
HXC0079-26	VOA-6 (6)	Total/NA	Solid/Soil	8082	25655
HXC0079-28	VOA-6 (8)	Total/NA	Solid/Soil	8082	25655
HXC0079-30	VOA-6 (10)	Total/NA	Solid/Soil	8082	25655
HXC0079-32	VOA-7 (7)	Total/NA	Solid/Soil	8082	25655
HXC0079-34	VOA-7 (9)	Total/NA	Solid/Soil	8082	25655
HXC0079-36	VOA-8 (6)	Total/NA	Solid/Soil	8082	25655
HXC0079-38	VOA-8 (8)	Total/NA	Solid/Soil	8082	25655
HXC0079-40	VOA-8 (10)	Total/NA	Solid/Soil	8082	25655
LCS 250-25655/2-A	Lab Control Sample	Total/NA	Solid	8082	25655
MB 250-25655/1-A	Method Blank	Total/NA	Solid	8082	25655

Analysis Batch: 25698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-01	VOA-1 (6)	Total/NA	Solid/Soil	8082	25654
HXC0079-03	VOA-1 (8)	Total/NA	Solid/Soil	8082	25654
HXC0079-05	VOA-1 (10)	Total/NA	Solid/Soil	8082	25654
HXC0079-07	VOA-2 (7)	Total/NA	Solid/Soil	8082	25654
HXC0079-09	VOA-2 (9)	Total/NA	Solid/Soil	8082	25654
HXC0079-11	VOA-3 (6)	Total/NA	Solid/Soil	8082	25654
HXC0079-13	VOA-3 (8)	Total/NA	Solid/Soil	8082	25654
HXC0079-15	VOA-3 (10)	Total/NA	Solid/Soil	8082	25654
HXC0079-17	VOA-4 (7)	Total/NA	Solid/Soil	8082	25654
HXC0079-19	VOA-4 (9)	Total/NA	Solid/Soil	8082	25654
HXC0079-21	VOA-5 (6)	Total/NA	Solid/Soil	8082	25655
HXC0079-23	VOA-5 (8)	Total/NA	Solid/Soil	8082	25655
HXC0079-25	VOA-5 (10)	Total/NA	Solid/Soil	8082	25655
HXC0079-29	VOA-6 (9)	Total/NA	Solid/Soil	8082	25655
HXC0079-31	VOA-7 (6)	Total/NA	Solid/Soil	8082	25655
HXC0079-33	VOA-7 (8)	Total/NA	Solid/Soil	8082	25655
HXC0079-35	VOA-7 (10)	Total/NA	Solid/Soil	8082	25655
HXC0079-37	VOA-8 (7)	Total/NA	Solid/Soil	8082	25655
HXC0079-39	VOA-8 (9)	Total/NA	Solid/Soil	8082	25655
MB 250-25654/1-A	Method Blank	Total/NA	Solid	8082	25654

Prep Batch: 25719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-81	VOA-17 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-82	VOA-17 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-83	VOA-17 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-84	VOA-17 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-85	VOA-17 (10)	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-86	VOA-18 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-87	VOA-18 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-88	VOA-18 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-89	VOA-18 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-90	VOA-18 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-96	VOA-20 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-97	VOA-20 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-98	VOA-20 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-99	VOA-20 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-AA	VOA-20 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25719/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25719/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-AB	VOA-21 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-AC	VOA-21 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-AD	VOA-21 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-AE	VOA-21 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-AF	VOA-21 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-AG	VOA-22 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-AH	VOA-22 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-AI	VOA-22 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-AJ	VOA-22 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-AK	VOA-22 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-AL	VOA-23 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-AM	VOA-23 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-AN	VOA-23 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-AO	VOA-23 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-AP	VOA-23 (10)	Total/NA	Solid/Soil	3550B	
HXC0079-AQ	VOA-24 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-AR	VOA-24 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-AS	VOA-24 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-AT	VOA-24 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-AU	VOA-24 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25723/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25723/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-42	VOA-9 (7)	Total/NA	Solid/Soil	8082	25661
HXC0079-44	VOA-9 (9)	Total/NA	Solid/Soil	8082	25661
HXC0079-46	VOA-10 (6)	Total/NA	Solid/Soil	8082	25661
HXC0079-48	VOA-10 (8)	Total/NA	Solid/Soil	8082	25661
HXC0079-50	VOA-10 (10)	Total/NA	Solid/Soil	8082	25661
HXC0079-52	VOA-11 (7)	Total/NA	Solid/Soil	8082	25661
HXC0079-54	VOA-11 (9)	Total/NA	Solid/Soil	8082	25661
HXC0079-56	VOA-12 (6)	Total/NA	Solid/Soil	8082	25661
HXC0079-58	VOA-12 (8)	Total/NA	Solid/Soil	8082	25661
HXC0079-60	VOA-12 (10)	Total/NA	Solid/Soil	8082	25661
HXC0079-62	VOA-13 (7)	Total/NA	Solid/Soil	8082	25662

GC Semi VOA (Continued)

Analysis Batch: 25761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-64	VOA-13 (9)	Total/NA	Solid/Soil	8082	25662
HXC0079-66	VOA-14 (6)	Total/NA	Solid/Soil	8082	25662
HXC0079-68	VOA-14 (8)	Total/NA	Solid/Soil	8082	25662
HXC0079-70	VOA-14 (10)	Total/NA	Solid/Soil	8082	25662
HXC0079-72	VOA-15 (7)	Total/NA	Solid/Soil	8082	25662
HXC0079-74	VOA-15 (9)	Total/NA	Solid/Soil	8082	25662
HXC0079-76	VOA-16 (6)	Total/NA	Solid/Soil	8082	25662
HXC0079-79	VOA-16 (9)	Total/NA	Solid/Soil	8082	25662
LCS 250-25654/2-A	Lab Control Sample	Total/NA	Solid	8082	25654
MB 250-25662/1-A	Method Blank	Total/NA	Solid	8082	25662

Analysis Batch: 25763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-27	VOA-6 (7)	Total/NA	Solid/Soil	8082	25655
HXC0079-41	VOA-9 (6)	Total/NA	Solid/Soil	8082	25661
HXC0079-43	VOA-9 (8)	Total/NA	Solid/Soil	8082	25661
HXC0079-45	VOA-9 (10)	Total/NA	Solid/Soil	8082	25661
HXC0079-47	VOA-10 (7)	Total/NA	Solid/Soil	8082	25661
HXC0079-49	VOA-10 (9)	Total/NA	Solid/Soil	8082	25661
HXC0079-51	VOA-11 (6)	Total/NA	Solid/Soil	8082	25661
HXC0079-53	VOA-11 (8)	Total/NA	Solid/Soil	8082	25661
HXC0079-55	VOA-11 (10)	Total/NA	Solid/Soil	8082	25661
HXC0079-57	VOA-12 (7)	Total/NA	Solid/Soil	8082	25661
HXC0079-59	VOA-12 (9)	Total/NA	Solid/Soil	8082	25661
HXC0079-61	VOA-13 (6)	Total/NA	Solid/Soil	8082	25662
HXC0079-63	VOA-13 (8)	Total/NA	Solid/Soil	8082	25662
HXC0079-65	VOA-13 (10)	Total/NA	Solid/Soil	8082	25662
HXC0079-67	VOA-14 (7)	Total/NA	Solid/Soil	8082	25662
HXC0079-69	VOA-14 (9)	Total/NA	Solid/Soil	8082	25662
HXC0079-71	VOA-15 (6)	Total/NA	Solid/Soil	8082	25662
HXC0079-73	VOA-15 (8)	Total/NA	Solid/Soil	8082	25662
HXC0079-75	VOA-15 (10)	Total/NA	Solid/Soil	8082	25662
HXC0079-77	VOA-16 (7)	Total/NA	Solid/Soil	8082	25662
HXC0079-78	VOA-16 (8)	Total/NA	Solid/Soil	8082	25662
HXC0079-80	VOA-16 (10)	Total/NA	Solid/Soil	8082	25662
LCS 250-25661/2-A	Lab Control Sample	Total/NA	Solid	8082	25661
LCS 250-25662/2-A	Lab Control Sample	Total/NA	Solid	8082	25662
MB 250-25661/1-A	Method Blank	Total/NA	Solid	8082	25661

Analysis Batch: 25861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-81	VOA-17 (6)	Total/NA	Solid/Soil	8082	25719
HXC0079-82	VOA-17 (7)	Total/NA	Solid/Soil	8082	25719
HXC0079-83	VOA-17 (8)	Total/NA	Solid/Soil	8082	25719
HXC0079-84	VOA-17 (9)	Total/NA	Solid/Soil	8082	25719
HXC0079-85	VOA-17 (10)	Total/NA	Solid/Soil	8082	25719
HXC0079-86	VOA-18 (6)	Total/NA	Solid/Soil	8082	25719
HXC0079-87	VOA-18 (7)	Total/NA	Solid/Soil	8082	25719
HXC0079-88	VOA-18 (8)	Total/NA	Solid/Soil	8082	25719
HXC0079-89	VOA-18 (9)	Total/NA	Solid/Soil	8082	25719
HXC0079-90	VOA-18 (10)	Total/NA	Solid/Soil	8082	25719

GC Semi VOA (Continued)

Analysis Batch: 25861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-96	VOA-20 (6)	Total/NA	Solid/Soil	8082	25719
HXC0079-97	VOA-20 (7)	Total/NA	Solid/Soil	8082	25719
HXC0079-98	VOA-20 (8)	Total/NA	Solid/Soil	8082	25719
HXC0079-99	VOA-20 (9)	Total/NA	Solid/Soil	8082	25719
HXC0079-AA	VOA-20 (10)	Total/NA	Solid/Soil	8082	25719
LCS 250-25719/2-A	Lab Control Sample	Total/NA	Solid	8082	25719
MB 250-25719/1-A	Method Blank	Total/NA	Solid	8082	25719

Analysis Batch: 25862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-AB	VOA-21 (6)	Total/NA	Solid/Soil	8082	25723
HXC0079-AC	VOA-21 (7)	Total/NA	Solid/Soil	8082	25723
HXC0079-AD	VOA-21 (8)	Total/NA	Solid/Soil	8082	25723
HXC0079-AE	VOA-21 (9)	Total/NA	Solid/Soil	8082	25723
HXC0079-AF	VOA-21 (10)	Total/NA	Solid/Soil	8082	25723
HXC0079-AG	VOA-22 (6)	Total/NA	Solid/Soil	8082	25723
HXC0079-AH	VOA-22 (7)	Total/NA	Solid/Soil	8082	25723
HXC0079-AI	VOA-22 (8)	Total/NA	Solid/Soil	8082	25723
HXC0079-AJ	VOA-22 (9)	Total/NA	Solid/Soil	8082	25723
HXC0079-AK	VOA-22 (10)	Total/NA	Solid/Soil	8082	25723
HXC0079-AL	VOA-23 (6)	Total/NA	Solid/Soil	8082	25723
HXC0079-AM	VOA-23 (7)	Total/NA	Solid/Soil	8082	25723
HXC0079-AN	VOA-23 (8)	Total/NA	Solid/Soil	8082	25723
HXC0079-AO	VOA-23 (9)	Total/NA	Solid/Soil	8082	25723
HXC0079-AP	VOA-23 (10)	Total/NA	Solid/Soil	8082	25723
HXC0079-AQ	VOA-24 (6)	Total/NA	Solid/Soil	8082	25723
HXC0079-AR	VOA-24 (7)	Total/NA	Solid/Soil	8082	25723
HXC0079-AS	VOA-24 (8)	Total/NA	Solid/Soil	8082	25723
HXC0079-AT	VOA-24 (9)	Total/NA	Solid/Soil	8082	25723
HXC0079-AU	VOA-24 (10)	Total/NA	Solid/Soil	8082	25723
LCS 250-25723/2-A	Lab Control Sample	Total/NA	Solid	8082	25723
MB 250-25723/1-A	Method Blank	Total/NA	Solid	8082	25723

Prep Batch: 25895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18023-A-10-M MS	Matrix Spike	Total/NA	Solid	3550B	
250-18023-A-10-N MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
HXC0079-91	VOA-19 (6)	Total/NA	Solid/Soil	3550B	
HXC0079-92	VOA-19 (7)	Total/NA	Solid/Soil	3550B	
HXC0079-93	VOA-19 (8)	Total/NA	Solid/Soil	3550B	
HXC0079-94	VOA-19 (9)	Total/NA	Solid/Soil	3550B	
HXC0079-95	VOA-19 (10)	Total/NA	Solid/Soil	3550B	
LCS 250-25895/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25895/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18023-A-10-M MS	Matrix Spike	Total/NA	Solid	8082	25895
250-18023-A-10-N MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	25895
HXC0079-91	VOA-19 (6)	Total/NA	Solid/Soil	8082	25895
HXC0079-92	VOA-19 (7)	Total/NA	Solid/Soil	8082	25895

GC Semi VOA (Continued)

Analysis Batch: 25925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 250-25895/1-A	Method Blank	Total/NA	Solid	8082	25895

Analysis Batch: 25948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-93	VOA-19 (8)	Total/NA	Solid/Soil	8082	25895
HXC0079-94	VOA-19 (9)	Total/NA	Solid/Soil	8082	25895
HXC0079-95	VOA-19 (10)	Total/NA	Solid/Soil	8082	25895
LCS 250-25895/2-A	Lab Control Sample	Total/NA	Solid	8082	25895

General Chemistry

Analysis Batch: 25664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18066-A-2 DU	Duplicate	Total/NA	Solid	D2216-80	
HXC0079-01	VOA-1 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-02	VOA-1 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-03	VOA-1 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-04	VOA-1 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-05	VOA-1 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-06	VOA-2 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-07	VOA-2 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-08	VOA-2 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-09	VOA-2 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-10	VOA-2 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-11	VOA-3 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-12	VOA-3 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-13	VOA-3 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-14	VOA-3 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-15	VOA-3 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-16	VOA-4 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-17	VOA-4 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-18	VOA-4 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-19	VOA-4 (9)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18027-20 DU	HXC0079-20	Total/NA	Solid	D2216-80	
HXC0079-20	VOA-4 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-22	VOA-5 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-23	VOA-5 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-24	VOA-5 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-25	VOA-5 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-26	VOA-6 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-27	VOA-6 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-28	VOA-6 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-29	VOA-6 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-30	VOA-6 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-31	VOA-7 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-32	VOA-7 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-33	VOA-7 (8)	Total/NA	Solid/Soil	D2216-80	

General Chemistry (Continued)

Analysis Batch: 25665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-34	VOA-7 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-35	VOA-7 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-36	VOA-8 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-37	VOA-8 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-38	VOA-8 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-39	VOA-8 (9)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18023-A-8 DU	Duplicate	Total/NA	Solid	D2216-80	
HXC0079-40	VOA-8 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-41	VOA-9 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-42	VOA-9 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-43	VOA-9 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-44	VOA-9 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-45	VOA-9 (10)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18027-46 DU	HXC0079-46	Total/NA	Solid	D2216-80	
HXC0079-46	VOA-10 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-47	VOA-10 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-48	VOA-10 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-49	VOA-10 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-50	VOA-10 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-51	VOA-11 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-52	VOA-11 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-53	VOA-11 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-54	VOA-11 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-55	VOA-11 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-56	VOA-12 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-57	VOA-12 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-58	VOA-12 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-59	VOA-12 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-60	VOA-12 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-61	VOA-13 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-62	VOA-13 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-63	VOA-13 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-65	VOA-13 (10)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18027-66 DU	HXC0079-66	Total/NA	Solid	D2216-80	
HXC0079-66	VOA-14 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-67	VOA-14 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-68	VOA-14 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-69	VOA-14 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-70	VOA-14 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-71	VOA-15 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-72	VOA-15 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-73	VOA-15 (8)	Total/NA	Solid/Soil	D2216-80	

General Chemistry (Continued)

Analysis Batch: 25689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-74	VOA-15 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-75	VOA-15 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-76	VOA-16 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-77	VOA-16 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-78	VOA-16 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-79	VOA-16 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-80	VOA-16 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-81	VOA-17 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-82	VOA-17 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-83	VOA-17 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-84	VOA-17 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-85	VOA-17 (10)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18027-86 DU	HXC0079-86	Total/NA	Solid	D2216-80	
HXC0079-86	VOA-18 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-87	VOA-18 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-88	VOA-18 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-89	VOA-18 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-90	VOA-18 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-91	VOA-19 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-92	VOA-19 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-93	VOA-19 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-94	VOA-19 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-95	VOA-19 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-96	VOA-20 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-97	VOA-20 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-98	VOA-20 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-99	VOA-20 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AA	VOA-20 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AB	VOA-21 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AC	VOA-21 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AD	VOA-21 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AE	VOA-21 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AF	VOA-21 (10)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18027-106 DU	HXC0079-AG	Total/NA	Solid	D2216-80	
HXC0079-AG	VOA-22 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AH	VOA-22 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AI	VOA-22 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AJ	VOA-22 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AK	VOA-22 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AL	VOA-23 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AM	VOA-23 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AN	VOA-23 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AO	VOA-23 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AP	VOA-23 (10)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AQ	VOA-24 (6)	Total/NA	Solid/Soil	D2216-80	

General Chemistry (Continued)

Analysis Batch: 25732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0079-AR	VOA-24 (7)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AS	VOA-24 (8)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AT	VOA-24 (9)	Total/NA	Solid/Soil	D2216-80	
HXC0079-AU	VOA-24 (10)	Total/NA	Solid/Soil	D2216-80	

Analysis Batch: 25975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
250-18292-A-1 DU	Duplicate	Total/NA	Solid	D2216-80	
HXC0079-21	VOA-5 (6)	Total/NA	Solid/Soil	D2216-80	
HXC0079-64	VOA-13 (9)	Total/NA	Solid/Soil	D2216-80	

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-1 (6)

Lab Sample ID: HXC0079-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25698	03/31/14 16:07	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-1 (7)

Lab Sample ID: HXC0079-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25696	03/31/14 16:07	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-1 (8)

Lab Sample ID: HXC0079-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25698	03/31/14 16:27	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-1 (9)

Lab Sample ID: HXC0079-04
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5	25696	03/31/14 16:27	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-1 (10)

Lab Sample ID: HXC0079-05
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25698	03/31/14 16:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-2 (6)

Lab Sample ID: HXC0079-06
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25696	03/31/14 16:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-2 (7)

Lab Sample ID: HXC0079-07
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25698	03/31/14 17:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-2 (8)

Lab Sample ID: HXC0079-08
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25696	03/31/14 17:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-2 (9)

Lab Sample ID: HXC0079-09
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25698	03/31/14 17:29	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-2 (10)

Lab Sample ID: HXC0079-10
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		50	25696	03/31/14 17:29	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-3 (6)

Lab Sample ID: HXC0079-11
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25698	03/31/14 17:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-3 (7)

Lab Sample ID: HXC0079-12
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25696	03/31/14 17:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-3 (8)

Lab Sample ID: HXC0079-13
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		500	25698	03/31/14 18:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-3 (9)

Lab Sample ID: HXC0079-14
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25696	03/31/14 18:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-3 (10)

Lab Sample ID: HXC0079-15
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25698	03/31/14 18:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-4 (6)

Lab Sample ID: HXC0079-16

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25696	03/31/14 18:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-4 (7)

Lab Sample ID: HXC0079-17

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25698	03/31/14 18:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-4 (8)

Lab Sample ID: HXC0079-18

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25696	03/31/14 18:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-4 (9)

Lab Sample ID: HXC0079-19

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25698	03/31/14 19:11	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25664	03/30/14 09:23	BJ1	TAL PRT

Client Sample ID: VOA-4 (10)

Lab Sample ID: HXC0079-20

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25654	03/29/14 12:46	CAD	TAL PRT
Total/NA	Analysis	8082		5000	25696	03/31/14 19:11	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-5 (6)

Lab Sample ID: HXC0079-21

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25698	03/31/14 19:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25975	04/08/14 19:11	LQN	TAL PRT

Client Sample ID: VOA-5 (7)

Lab Sample ID: HXC0079-22

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25696	03/31/14 19:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-5 (8)

Lab Sample ID: HXC0079-23

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25698	03/31/14 20:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-5 (9)

Lab Sample ID: HXC0079-24

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		400	25696	03/31/14 20:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-5 (10)

Lab Sample ID: HXC0079-25

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25698	03/31/14 20:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-6 (6)

Lab Sample ID: HXC0079-26
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25696	03/31/14 20:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-6 (7)

Lab Sample ID: HXC0079-27
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		200	25763	04/01/14 11:18	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-6 (8)

Lab Sample ID: HXC0079-28
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25696	03/31/14 20:53	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-6 (9)

Lab Sample ID: HXC0079-29
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		400	25698	03/31/14 21:14	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-6 (10)

Lab Sample ID: HXC0079-30
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25696	03/31/14 21:14	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-7 (6)

Lab Sample ID: HXC0079-31
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25698	03/31/14 21:34	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-7 (7)

Lab Sample ID: HXC0079-32
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25696	03/31/14 21:34	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-7 (8)

Lab Sample ID: HXC0079-33
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25698	03/31/14 21:55	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-7 (9)

Lab Sample ID: HXC0079-34
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25696	03/31/14 21:55	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-7 (10)

Lab Sample ID: HXC0079-35
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25698	03/31/14 22:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-8 (6)

Lab Sample ID: HXC0079-36
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25696	03/31/14 22:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-8 (7)

Lab Sample ID: HXC0079-37
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25698	03/31/14 23:37	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-8 (8)

Lab Sample ID: HXC0079-38
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25696	03/31/14 23:37	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-8 (9)

Lab Sample ID: HXC0079-39
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25698	03/31/14 23:58	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25665	03/30/14 09:25	BJ1	TAL PRT

Client Sample ID: VOA-8 (10)

Lab Sample ID: HXC0079-40
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25655	03/29/14 13:02	CAD	TAL PRT
Total/NA	Analysis	8082		1	25696	03/31/14 23:58	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-9 (6)

Lab Sample ID: HXC0079-41

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 12:20	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Client Sample ID: VOA-9 (7)

Lab Sample ID: HXC0079-42

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20	25761	04/01/14 13:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Client Sample ID: VOA-9 (8)

Lab Sample ID: HXC0079-43

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		100	25763	04/01/14 13:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Client Sample ID: VOA-9 (9)

Lab Sample ID: HXC0079-44

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20	25761	04/01/14 13:28	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Client Sample ID: VOA-9 (10)

Lab Sample ID: HXC0079-45

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		10	25763	04/01/14 13:28	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25679	03/31/14 11:08	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-10 (6)

Lab Sample ID: HXC0079-46
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20	25761	04/01/14 13:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-10 (7)

Lab Sample ID: HXC0079-47
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 13:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-10 (8)

Lab Sample ID: HXC0079-48
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40	25761	04/01/14 14:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-10 (9)

Lab Sample ID: HXC0079-49
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40	25763	04/01/14 14:09	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-10 (10)

Lab Sample ID: HXC0079-50
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40	25761	04/01/14 14:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-11 (6)

Lab Sample ID: HXC0079-51
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		200	25763	04/01/14 14:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-11 (7)

Lab Sample ID: HXC0079-52
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		200	25761	04/01/14 14:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-11 (8)

Lab Sample ID: HXC0079-53
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		200	25763	04/01/14 14:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-11 (9)

Lab Sample ID: HXC0079-54
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		200	25761	04/01/14 15:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-11 (10)

Lab Sample ID: HXC0079-55
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		200	25763	04/01/14 15:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-12 (6)

Lab Sample ID: HXC0079-56

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		20000	25761	04/01/14 21:42	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-12 (7)

Lab Sample ID: HXC0079-57

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40000	25763	04/01/14 22:03	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-12 (8)

Lab Sample ID: HXC0079-58

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40000	25761	04/01/14 22:23	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-12 (9)

Lab Sample ID: HXC0079-59

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		40000	25763	04/01/14 22:23	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-12 (10)

Lab Sample ID: HXC0079-60

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25661	03/30/14 08:37	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25761	04/01/14 16:13	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-13 (6)

Lab Sample ID: HXC0079-61
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 16:13	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-13 (7)

Lab Sample ID: HXC0079-62
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25761	04/01/14 16:54	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-13 (8)

Lab Sample ID: HXC0079-63
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25763	04/01/14 16:54	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Client Sample ID: VOA-13 (9)

Lab Sample ID: HXC0079-64
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		10	25761	04/01/14 17:14	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25975	04/08/14 19:11	LQN	TAL PRT

Client Sample ID: VOA-13 (10)

Lab Sample ID: HXC0079-65
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25763	04/01/14 17:14	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25680	03/31/14 11:20	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-14 (6)

Lab Sample ID: HXC0079-66

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25761	04/01/14 17:35	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-14 (7)

Lab Sample ID: HXC0079-67

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25763	04/01/14 17:35	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-14 (8)

Lab Sample ID: HXC0079-68

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25761	04/01/14 17:55	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-14 (9)

Lab Sample ID: HXC0079-69

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25763	04/01/14 17:55	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-14 (10)

Lab Sample ID: HXC0079-70

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		1	25761	04/01/14 18:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-15 (6)

Lab Sample ID: HXC0079-71
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 18:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-15 (7)

Lab Sample ID: HXC0079-72
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25761	04/01/14 18:36	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-15 (8)

Lab Sample ID: HXC0079-73
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 18:36	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-15 (9)

Lab Sample ID: HXC0079-74
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25761	04/01/14 18:56	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-15 (10)

Lab Sample ID: HXC0079-75
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		20	25763	04/01/14 18:56	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-16 (6)

Lab Sample ID: HXC0079-76
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		200	25761	04/01/14 19:17	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-16 (7)

Lab Sample ID: HXC0079-77
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		100	25763	04/01/14 19:17	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-16 (8)

Lab Sample ID: HXC0079-78
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		100	25763	04/01/14 21:22	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-16 (9)

Lab Sample ID: HXC0079-79
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		100	25761	04/01/14 21:22	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-16 (10)

Lab Sample ID: HXC0079-80
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25662	03/30/14 08:43	CAD	TAL PRT
Total/NA	Analysis	8082		100	25763	04/01/14 21:42	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-17 (6)

Lab Sample ID: HXC0079-81
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		100	25861	04/03/14 12:45	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-17 (7)

Lab Sample ID: HXC0079-82
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		100	25861	04/03/14 13:05	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-17 (8)

Lab Sample ID: HXC0079-83
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		20	25861	04/03/14 13:26	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-17 (9)

Lab Sample ID: HXC0079-84
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		100	25861	04/03/14 13:47	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Client Sample ID: VOA-17 (10)

Lab Sample ID: HXC0079-85
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		400	25861	04/03/14 14:07	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25689	03/31/14 13:58	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-18 (6)

Lab Sample ID: HXC0079-86

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		200	25861	04/03/14 14:27	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-18 (7)

Lab Sample ID: HXC0079-87

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		200	25861	04/03/14 14:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-18 (8)

Lab Sample ID: HXC0079-88

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		200	25861	04/03/14 15:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-18 (9)

Lab Sample ID: HXC0079-89

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		200	25861	04/03/14 15:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-18 (10)

Lab Sample ID: HXC0079-90

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		200	25861	04/03/14 16:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-19 (6)

Lab Sample ID: HXC0079-91

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25895	04/05/14 07:17	CAD	TAL PRT
Total/NA	Analysis	8082		5	25925	04/06/14 19:37	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-19 (7)

Lab Sample ID: HXC0079-92

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25895	04/05/14 07:17	CAD	TAL PRT
Total/NA	Analysis	8082		5	25925	04/06/14 19:58	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-19 (8)

Lab Sample ID: HXC0079-93

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25895	04/05/14 07:17	CAD	TAL PRT
Total/NA	Analysis	8082		5	25948	04/07/14 15:50	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-19 (9)

Lab Sample ID: HXC0079-94

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25895	04/05/14 07:17	CAD	TAL PRT
Total/NA	Analysis	8082		5	25948	04/07/14 16:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-19 (10)

Lab Sample ID: HXC0079-95

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25895	04/05/14 07:17	CAD	TAL PRT
Total/NA	Analysis	8082		5	25948	04/07/14 16:31	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-20 (6)

Lab Sample ID: HXC0079-96
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		1	25861	04/03/14 18:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-20 (7)

Lab Sample ID: HXC0079-97
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		1	25861	04/03/14 18:53	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-20 (8)

Lab Sample ID: HXC0079-98
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		1	25861	04/03/14 19:34	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-20 (9)

Lab Sample ID: HXC0079-99
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		1	25861	04/03/14 19:54	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-20 (10)

Lab Sample ID: HXC0079-AA
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25719	04/01/14 10:04	CAD	TAL PRT
Total/NA	Analysis	8082		20	25861	04/03/14 20:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-21 (6)

Lab Sample ID: HXC0079-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 12:45	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-21 (7)

Lab Sample ID: HXC0079-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		400	25862	04/03/14 13:05	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-21 (8)

Lab Sample ID: HXC0079-AD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 13:26	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-21 (9)

Lab Sample ID: HXC0079-AE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 13:47	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Client Sample ID: VOA-21 (10)

Lab Sample ID: HXC0079-AF
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 14:07	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25731	04/01/14 12:12	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-22 (6)

Lab Sample ID: HXC0079-AG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 14:27	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-22 (7)

Lab Sample ID: HXC0079-AH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 14:48	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-22 (8)

Lab Sample ID: HXC0079-AI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 15:08	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-22 (9)

Lab Sample ID: HXC0079-AJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 15:49	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-22 (10)

Lab Sample ID: HXC0079-AK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25862	04/03/14 16:10	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-23 (6)

Lab Sample ID: HXC0079-AL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		1	25862	04/03/14 16:30	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-23 (7)

Lab Sample ID: HXC0079-AM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		5	25862	04/03/14 16:51	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-23 (8)

Lab Sample ID: HXC0079-AN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25862	04/03/14 17:31	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-23 (9)

Lab Sample ID: HXC0079-AO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25862	04/03/14 17:52	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-23 (10)

Lab Sample ID: HXC0079-AP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		1	25862	04/03/14 18:12	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Client Sample ID: VOA-24 (6)

Lab Sample ID: HXC0079-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25862	04/03/14 18:33	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-24 (7)

Lab Sample ID: HXC0079-AR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25862	04/03/14 18:53	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-24 (8)

Lab Sample ID: HXC0079-AS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25862	04/03/14 19:34	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-24 (9)

Lab Sample ID: HXC0079-AT
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25862	04/03/14 19:54	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Client Sample ID: VOA-24 (10)

Lab Sample ID: HXC0079-AU
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/25/14 12:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25723	04/01/14 10:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25862	04/03/14 20:15	NMI	TAL PRT
Total/NA	Analysis	D2216-80		1	25732	04/01/14 12:14	BJ1	TAL PRT

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

Certification Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Portland

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Oregon	NELAP	10	OR100021	01-09-15

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0079

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PRT
D2216-80	Percent Dry Weight (Solids) per ASTM D2216-80	ASTM	TAL PRT

Protocol References:

ASTM = ASTM International

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

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

HXC0079

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total PCBs (8082)	Sample Specific Notes:
VOA-1 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079 -01
VOA-1 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-02
VOA-1 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-03
VOA-1 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-04
VOA-1 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-05
VOA-2 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-06
VOA-2 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-07
VOA-2 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-08
VOA-2 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-09
VOA-2 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-10

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HOUH	12p 3/25/14	[signature]	TA Hou	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by: Ruth Nu Rue 23?	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0079

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	2 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-3 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079- 11
VOA-3 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-12
VOA-3 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-13
VOA-3 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-14
VOA-3 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-15
VOA-4 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-16
VOA-4 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-17
VOA-4 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-18
VOA-4 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-19
VOA-4 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-20

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	12p 3/25/14	[signature]	TA Rom	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Rec 272		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0079

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	3 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-5 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-21
VOA-5 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-22
VOA-5 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-23
VOA-5 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-24
VOA-5 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-25
VOA-6 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-26
VOA-6 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-27
VOA-6 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-28
VOA-6 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-29
VOA-6 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-30

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TTOIT	3/24/14	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Rec	232	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0079

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	4 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-7 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-31
VOA-7 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-32
VOA-7 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-33
VOA-7 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-34
VOA-7 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-35
VOA-8 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-36
VOA-8 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-37
VOA-8 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-38
VOA-8 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-39
VOA-8 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-40

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HOUH	3/25/14 12:1	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Date 232		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HYC0079

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	5 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-9 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HYC0079 – 41
VOA-9 (7)	3/5/2014	11:30am	G	Soil	1		N	X	– 42
VOA-9 (8)	3/5/2014	11:30am	G	Soil	1		N	X	– 43
VOA-9 (9)	3/5/2014	11:30am	G	Soil	1		N	X	– 44
VOA-9 (10)	3/5/2014	11:30am	G	Soil	1		N	X	– 45
VOA-10 (6)	3/5/2014	11:30am	G	Soil	1		N	X	– 46
VOA-10 (7)	3/5/2014	11:30am	G	Soil	1		N	X	– 47
VOA-10 (8)	3/5/2014	11:30am	G	Soil	1		N	X	– 48
VOA-10 (9)	3/5/2014	11:30am	G	Soil	1		N	X	– 49
VOA-10 (10)	3/5/2014	11:30am	G	Soil	1		N	X	– 50

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	1200 3/25/14	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Rec 232		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0079

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	6 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-11 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079 -51
VOA-11 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-52
VOA-11 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-53
VOA-11 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-54
VOA-11 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-55
VOA-12 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-56
VOA-12 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-57
VOA-12 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-58
VOA-12 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-59
VOA-12 10)	3/5/2014	11:30am	G	Soil	1		N	X	-60
									-

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/25/14 12p	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Bue 23°2		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC 0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-13 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-61
VOA-13 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-62
VOA-13 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-63
VOA-13 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-64
VOA-13 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-65
VOA-14 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-66
VOA-14 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-67
VOA-14 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-68
VOA-14 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-69
VOA-14 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-70

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/25/14 12pm	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature]	232	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-15 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079 -71
VOA-15 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-72
VOA-15 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-73
VOA-15 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-74
VOA-15 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-75
VOA-16 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-76
VOA-16 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-77
VOA-16 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-78
VOA-16 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-79
VOA-16 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-80

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/25/14 12pm	[signature]	TA	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by: Rm 232 No Rec	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-17 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-81
VOA-17 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-82
VOA-17 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-83
VOA-17 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-84
VOA-17 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-85
VOA-18 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-86
VOA-18 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-87
VOA-18 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-88
VOA-18 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-89
VOA-18 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-90

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/25/14 [illegible]	[signature]	TA Hon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature]	232	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total PCBs (8082)	Sample Specific Notes:
VOA-19 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-91
VOA-19 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-92
VOA-19 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-93
VOA-19 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-94
VOA-19 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-95
VOA-20 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-96
VOA-20 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-97
VOA-20 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-98
VOA-20 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-99
VOA-20 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-AA

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H2O	3/25/14	[signature] Simon	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Bee	232	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-21 (6)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-AB
VOA-21 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-AC
VOA-21 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-AD
VOA-21 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-AE
VOA-21 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-AF
VOA-22 (6)	3/5/2014	11:30am	G	Soil	1		N	X	-AG
VOA-22 (7)	3/5/2014	11:30am	G	Soil	1		N	X	-AH
VOA-22 (8)	3/5/2014	11:30am	G	Soil	1		N	X	-AI
VOA-22 (9)	3/5/2014	11:30am	G	Soil	1		N	X	-AJ
VOA-22 (10)	3/5/2014	11:30am	G	Soil	1		N	X	-AK

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/25/14 12:[illegible]	[signature]	TA Mon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] NS Dec 23'2		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

HXC0079

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 12 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-23 (1)	3/5/2014	11:30am	G	Soil	1		N	X	HXC0079-AL
VOA-23 (2)	3/5/2014	11:30am	G	Soil	1		N	X	AM
VOA-23 (3)	3/5/2014	11:30am	G	Soil	1		N	X	AN
VOA-23 (4)	3/5/2014	11:30am	G	Soil	1		N	X	AO
VOA-23 (5)	3/5/2014	11:30am	G	Soil	1		N	X	AP
VOA-24 (1)	3/5/2014	11:30am	G	Soil	1		N	X	AQ
VOA-24 (2)	3/5/2014	11:30am	G	Soil	1		N	X	AR
VOA-24 (3)	3/5/2014	11:30am	G	Soil	1		N	X	AS
VOA-24 (4)	3/5/2014	11:30am	G	Soil	1		N	X	AT
VOA-24 (5)	3/5/2014	11:30am	G	Soil	1		N	X	AU

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*DO NOT MIS PROCESS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HPU H	3/25/14	[signature] Simson Carr	TA Hon	3/25/14 1255
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[signature] No Pres 232		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A

#N/A

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#N/A

Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

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Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-23 (6)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-23 (7)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-23 (8)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-23 (9)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-23 (10)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-24 (6)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-24 (7)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-24 (8)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-24 (9)	3/5/2014	11:30am	G	Soil	1		N	X	
VOA-24 (10)	3/5/2014	11:30am	G	Soil	1		N	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***DO NOT MIS PROCESS**

- revised COC from client.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: DOH HEER **Date/ Time Received:** 3/25/14 1255

Received By: n

Matrices: Soil **Carrier:** Client **Airbill# :**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Chain of Custody present?	Yes ☑	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☑	No ☐	
Chain of Custody agrees with sample labels?	~~Yes ☑~~ 3/26/14	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sample containers on ice?	Yes ☐	No ☑	Type: NA
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☑
pH Adjusted?	Yes ☐	No ☑	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☑	Location:
Sample Filtration Needed?	Yes ☐	No ☑	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☑	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☑	Type:

Temperature Blank Present? Yes ☐ No ☑

Sample Container Temperature: 23 °C

Comments/ Sampling Handling Notes:

COC & labels conflict for samples "AQ", "AR", "AS", "AT", & "AU". label IDs used for login. JL 3/26/14.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXC0030
Client Project/Site: [none]
Client Project Description: PCB in soil Maili VOA

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
4/4/2014 8:29:33 AM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times 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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Job ID: HXC0030

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 24 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 3/12/2014 10:20 AM. The temperatures of the 2 coolers at receipt time were 20.2º C and 21.0º C.

GC Semi VOA - Method(s) 8082
The following samples required a dilution due to the nature of the sample matrix: HCXC0030-01 (580-42693-1), HCXC0030-04 (580-42693-4), HCXC0030-05 (580-42693-5), HCXC0030-06 (580-42693-6), HCXC0030-07 (580-42693-7), HCXC0030-08 (580-42693-8), HCXC0030-09 (580-42693-9), HCXC0030-10 (580-42693-10), HCXC0030-11 (580-42693-11), HCXC0030-13 (580-42693-13), HCXC0030-15 (580-42693-15), HCXC0030-16 (580-42693-16), HCXC0030-22 (580-42693-22), HCXC0030-23 (580-42693-23), HCXC0030-24 (580-42693-24), HCXC0030-25 (580-42693-25), HCXC0030-12 (580-42693-12), HCXC0030-14 (580-42693-14), HCXC0030-17 (580-42693-17), HCXC0030-19 (580-42693-19), HCXC0030-20 (580-42693-20), HCXC0030-21 (580-42693-21), HCXC0030-26 (580-42693-26), HCXC0030-27 (580-42693-27), HCXC0030-28 (580-42693-28), HCXC0030-29 (580-42693-29), HCXC0030-30 (580-42693-30), HCXC0030-18 (580-42693-18), HCXC0030-41 (580-42693-41), HCXC0030-42 (580-42693-42), HCXC0030-43 (580-42693-43), HCXC0030-44 (580-42693-44), HCXC0030-45 (580-42693-45), HCXC0030-46 (580-42693-46), HCXC0030-47 (580-42693-47), HCXC0030-48 (580-42693-48), HCXC0030-49 (580-42693-49), HCXC0030-50 (580-42693-50), HCXC0030-51 (580-42693-51), HCXC0030-52 (580-42693-52), HCXC0030-53 (580-42693-53), HCXC0030-54 (580-42693-54), HCXC0030-55 (580-42693-55), HCXC0030-56 (580-42693-56), HCXC0030-57 (580-42693-57), HCXC0030-58 (580-42693-58), HCXC0030-59 (580-42693-59), HCXC0030-61 (580-42693-61), HCXC0030-63 (580-42693-63), HCXC0030-72 (580-42693-72), HCXC0030-73 (580-42693-73), HCXC0030-74 (580-42693-74), HCXC0030-76 (580-42693-76), HCXC0030-60 (580-42693-60), HCXC0030-71 (580-42693-71), HCXC0030-75 (580-42693-75), HCXC0030-77 (580-42693-77), HCXC0030-83 (580-42693-83), HCXC0030-86 (580-42693-86), HCXC0030-90 (580-42693-90). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Surrogate recovery for sample HCXC0030-38 (580-42693-38) was outside control limits. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. The data has been reported.

Job ID: HXC0030 (Continued)

Laboratory: TestAmerica Seattle (Continued)

The method blank MB 250-25554/1A for analysis batch 250-25571 contained PCB-1260 above the reporting limit (RL). Associated samples were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank. The sample results have been "B" qualified reported.

The batch native sample was diluted due to high target analytes. The dilution is sufficient that the spike/surrogate recoveries in the MS/MSD would not provide useful information. Batch QC validation is based on acceptable spike/surrogate recoveries in the LCS.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0030-01	VOA-1A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-02	VOA-1B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-03	VOA-1C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-04	VOA-1D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-05	VOA-1E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-06	VOA-2A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-07	VOA-2B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-08	VOA-2C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-09	VOA-2D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-10	VOA-2E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-11	VOA-3A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-12	VOA-3B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-13	VOA-3C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-14	VOA-3D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-15	VOA-3E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-16	VOA-4A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-17	VOA-4B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-18	VOA-4C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-19	VOA-4D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-20	VOA-4E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-21	VOA-5A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-22	VOA-5B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-23	VOA-5C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-24	VOA-5D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-25	VOA-5E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-26	VOA-6A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-27	VOA-6B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-28	VOA-6C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-29	VOA-6D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-30	VOA-6E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-31	VOA-7A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-32	VOA-7B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-33	VOA-7C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-34	VOA-7D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-35	VOA-7E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-36	VOA-8A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-37	VOA-8B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-38	VOA-8C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-39	VOA-8D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-40	VOA-8E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-41	VOA-9A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-42	VOA-9B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-43	VOA-9C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-44	VOA-9D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-45	VOA-9E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-46	VOA-10A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-47	VOA-10B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-48	VOA-10C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-49	VOA-10D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-50	VOA-10E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-51	VOA-11A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-52	VOA-11B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-53	VOA-11C	Solid/Soil	03/05/14 11:30	03/10/14 10:10

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0030-54	VOA-11D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-55	VOA-11E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-56	VOA-12A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-57	VOA-12B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-58	VOA-12C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-59	VOA-12D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-60	VOA-12E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-61	VOA-13A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-62	VOA-13B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-63	VOA-13C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-64	VOA-13D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-65	VOA-13E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-66	VOA-14A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-67	VOA-14B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-68	VOA-14C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-69	VOA-14D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-70	VOA-14E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-71	VOA-15A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-72	VOA-15B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-73	VOA-15C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-74	VOA-15D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-75	VOA-15E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-76	VOA-16A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-77	VOA-16B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-78	VOA-16C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-79	VOA-16D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-80	VOA-16E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-81	VOA-17A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-82	VOA-17B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-83	VOA-17C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-84	VOA-17D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-85	VOA-17E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-86	VOA-18A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-87	VOA-18B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-88	VOA-18C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-89	VOA-18D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-90	VOA-18E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-91	VOA-19A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-92	VOA-19B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-93	VOA-19C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-94	VOA-19D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-95	VOA-19E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-96	VOA-20A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-97	VOA-20B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-98	VOA-20C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-99	VOA-20D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AA	VOA-20E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AB	VOA-21A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AC	VOA-21B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AD	VOA-21C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AE	VOA-21D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AF	VOA-21E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AG	VOA-22A	Solid/Soil	03/05/14 11:30	03/10/14 10:10

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0030-AH	VOA-22B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AI	VOA-22C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AJ	VOA-22D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AK	VOA-22E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AL	VOA-23A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AM	VOA-23B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AN	VOA-23C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AO	VOA-23D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AP	VOA-23E	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AQ	VOA-24A	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AR	VOA-24B	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AS	VOA-24C	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AT	VOA-24D	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0030-AU	VOA-24E	Solid/Soil	03/05/14 11:30	03/10/14 10:10

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-1A — Lab Sample ID: HXC0030-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.8		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-1B — Lab Sample ID: HXC0030-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.71		0.081		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-1C — Lab Sample ID: HXC0030-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.94		0.081		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-1D — Lab Sample ID: HXC0030-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2.4		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-1E — Lab Sample ID: HXC0030-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.5		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-2A — Lab Sample ID: HXC0030-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-2B — Lab Sample ID: HXC0030-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	15		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-2C — Lab Sample ID: HXC0030-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6.3		0.81		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-2D — Lab Sample ID: HXC0030-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-2E — Lab Sample ID: HXC0030-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-3A — Lab Sample ID: HXC0030-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-3A (Continued) — Lab Sample ID: HXC0030-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	630		33		mg/Kg	4000		8082	Total/NA

Client Sample ID: VOA-3B — Lab Sample ID: HXC0030-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	63		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-3C — Lab Sample ID: HXC0030-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	480		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-3D — Lab Sample ID: HXC0030-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	62		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-3E — Lab Sample ID: HXC0030-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	210		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-4A — Lab Sample ID: HXC0030-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2300		82		mg/Kg	10000		8082	Total/NA

Client Sample ID: VOA-4B — Lab Sample ID: HXC0030-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	310		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-4C — Lab Sample ID: HXC0030-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	420		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-4D — Lab Sample ID: HXC0030-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2000		77		mg/Kg	10000		8082	Total/NA

Client Sample ID: VOA-4E — Lab Sample ID: HXC0030-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	8400		810		mg/Kg	100000		8082	Total/NA

Client Sample ID: VOA-5A — Lab Sample ID: HXC0030-21

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-5A (Continued) — Lab Sample ID: HXC0030-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	87		3.3		mg/Kg	400		8082	Total/NA

Client Sample ID: VOA-5B — Lab Sample ID: HXC0030-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	110		8.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5C — Lab Sample ID: HXC0030-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	93		8.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5D — Lab Sample ID: HXC0030-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	210		8.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-5E — Lab Sample ID: HXC0030-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	96		8.1		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6A — Lab Sample ID: HXC0030-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	37		8.1		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6B — Lab Sample ID: HXC0030-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	45		8.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6C — Lab Sample ID: HXC0030-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	50		8.0		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6D — Lab Sample ID: HXC0030-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	41		8.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-6E — Lab Sample ID: HXC0030-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	34		8.1		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-7A — Lab Sample ID: HXC0030-31

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-7A (Continued) — Lab Sample ID: HXC0030-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.18		0.0080		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-7B — Lab Sample ID: HXC0030-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.15		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-7C — Lab Sample ID: HXC0030-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.18		0.0082		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-7D — Lab Sample ID: HXC0030-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.32		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-7E — Lab Sample ID: HXC0030-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.047		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-8A — Lab Sample ID: HXC0030-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.24		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-8B — Lab Sample ID: HXC0030-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.16		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-8C — Lab Sample ID: HXC0030-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.73	B	0.041		mg/Kg	5		8082	Total/NA

Client Sample ID: VOA-8D — Lab Sample ID: HXC0030-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.46		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-8E — Lab Sample ID: HXC0030-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.32		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-9A — Lab Sample ID: HXC0030-41

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-9A (Continued) — Lab Sample ID: HXC0030-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	7.4	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-9B — Lab Sample ID: HXC0030-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	9.4	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-9C — Lab Sample ID: HXC0030-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.5	B	0.32		mg/Kg	40		8082	Total/NA

Client Sample ID: VOA-9D — Lab Sample ID: HXC0030-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-9E — Lab Sample ID: HXC0030-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-10A — Lab Sample ID: HXC0030-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	26	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-10B — Lab Sample ID: HXC0030-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	59	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-10C — Lab Sample ID: HXC0030-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	12	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-10D — Lab Sample ID: HXC0030-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-10E — Lab Sample ID: HXC0030-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	37	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-11A — Lab Sample ID: HXC0030-51

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-11A (Continued) — Lab Sample ID: HXC0030-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	9.9	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-11B — Lab Sample ID: HXC0030-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4.8	B	0.81		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-11C — Lab Sample ID: HXC0030-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-11D — Lab Sample ID: HXC0030-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	42	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-11E — Lab Sample ID: HXC0030-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	200	B	8.1		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-12A — Lab Sample ID: HXC0030-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	980	B	80		mg/Kg	10000		8082	Total/NA

Client Sample ID: VOA-12B — Lab Sample ID: HXC0030-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	600	B	81		mg/Kg	10000		8082	Total/NA

Client Sample ID: VOA-12C — Lab Sample ID: HXC0030-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1100		160		mg/Kg	20000		8082	Total/NA

Client Sample ID: VOA-12D — Lab Sample ID: HXC0030-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	6100		160		mg/Kg	20000		8082	Total/NA

Client Sample ID: VOA-12E — Lab Sample ID: HXC0030-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	370		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-13A — Lab Sample ID: HXC0030-61

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-13A (Continued) — Lab Sample ID: HXC0030-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.37		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-13B — Lab Sample ID: HXC0030-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.60		0.079		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-13C — Lab Sample ID: HXC0030-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.9		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-13D — Lab Sample ID: HXC0030-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.24		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-13E — Lab Sample ID: HXC0030-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.093		0.0081		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-14A — Lab Sample ID: HXC0030-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.14		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-14B — Lab Sample ID: HXC0030-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.18		0.0080		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-14C — Lab Sample ID: HXC0030-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.20		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-14D — Lab Sample ID: HXC0030-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.26		0.016		mg/Kg	2		8082	Total/NA

Client Sample ID: VOA-14E — Lab Sample ID: HXC0030-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.34		0.040		mg/Kg	5		8082	Total/NA

Client Sample ID: VOA-15A — Lab Sample ID: HXC0030-71

This Detection Summary does not include radiochemical test results.

Client Sample ID: VOA-15A (Continued) — Lab Sample ID: HXC0030-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.6		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-15B — Lab Sample ID: HXC0030-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.4		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-15C — Lab Sample ID: HXC0030-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.7		0.16		mg/Kg	20		8082	Total/NA

Client Sample ID: VOA-15D — Lab Sample ID: HXC0030-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	4.6		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-15E — Lab Sample ID: HXC0030-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.6		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-16A — Lab Sample ID: HXC0030-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	14		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-16B — Lab Sample ID: HXC0030-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18		1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-16C — Lab Sample ID: HXC0030-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	16		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-16D — Lab Sample ID: HXC0030-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	12		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-16E — Lab Sample ID: HXC0030-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	22		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-17A — Lab Sample ID: HXC0030-81

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-17A (Continued) — Lab Sample ID: HXC0030-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-17B — Lab Sample ID: HXC0030-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.9		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-17C — Lab Sample ID: HXC0030-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	40		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-17D — Lab Sample ID: HXC0030-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	16		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-17E — Lab Sample ID: HXC0030-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	47		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-18A — Lab Sample ID: HXC0030-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	36		0.31		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-18B — Lab Sample ID: HXC0030-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	26		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-18C — Lab Sample ID: HXC0030-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	33		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-18D — Lab Sample ID: HXC0030-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	29		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-18E — Lab Sample ID: HXC0030-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	36		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-19A — Lab Sample ID: HXC0030-91

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-19A (Continued) — Lab Sample ID: HXC0030-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.050		0.0032		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-19B — Lab Sample ID: HXC0030-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.11		0.0032		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-19C — Lab Sample ID: HXC0030-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.054		0.0032		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-19D — Lab Sample ID: HXC0030-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.036		0.0032		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-19E — Lab Sample ID: HXC0030-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.061		0.0032		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-20A — Lab Sample ID: HXC0030-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.2		0.032		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-20B — Lab Sample ID: HXC0030-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.43		0.032		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-20C — Lab Sample ID: HXC0030-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	1.0		0.032		mg/Kg	10		8082	Total/NA

Client Sample ID: VOA-20D — Lab Sample ID: HXC0030-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	8.1		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-20E — Lab Sample ID: HXC0030-AA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.33		0.0031		mg/Kg	1		8082	Total/NA

Client Sample ID: VOA-21A — Lab Sample ID: HXC0030-AB

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-21A (Continued) — Lab Sample ID: HXC0030-AB

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	32		3.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-21B — Lab Sample ID: HXC0030-AC

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	26		3.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-21C — Lab Sample ID: HXC0030-AD

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	5.5		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-21D — Lab Sample ID: HXC0030-AE

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	160		16		mg/Kg	5000		8082	Total/NA

Client Sample ID: VOA-21E — Lab Sample ID: HXC0030-AF

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	19		1.6		mg/Kg	500		8082	Total/NA

Client Sample ID: VOA-22A — Lab Sample ID: HXC0030-AG

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	27		1.6		mg/Kg	500		8082	Total/NA

Client Sample ID: VOA-22B — Lab Sample ID: HXC0030-AH

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	15		1.6		mg/Kg	500		8082	Total/NA

Client Sample ID: VOA-22C — Lab Sample ID: HXC0030-AI

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	40		3.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-22D — Lab Sample ID: HXC0030-AJ

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	39		3.2		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-22E — Lab Sample ID: HXC0030-AK

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	52		3.3		mg/Kg	1000		8082	Total/NA

Client Sample ID: VOA-23A — Lab Sample ID: HXC0030-AL

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-23A (Continued) — Lab Sample ID: HXC0030-AL

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	5.2		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-23B — Lab Sample ID: HXC0030-AM

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	8.2		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-23C — Lab Sample ID: HXC0030-AN

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	7.5		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-23D — Lab Sample ID: HXC0030-AO

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	1.5		0.33		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-23E — Lab Sample ID: HXC0030-AP

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	1.8		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-24A — Lab Sample ID: HXC0030-AQ

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	7.7		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-24B — Lab Sample ID: HXC0030-AR

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	6.0		0.32		mg/Kg	100		8082	Total/NA

Client Sample ID: VOA-24C — Lab Sample ID: HXC0030-AS

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	91		16		mg/Kg	5000		8082	Total/NA

Client Sample ID: VOA-24D — Lab Sample ID: HXC0030-AT

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	14		1.6		mg/Kg	500		8082	Total/NA

Client Sample ID: VOA-24E — Lab Sample ID: HXC0030-AU

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260 - DL	4.9		0.30		mg/Kg	100		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-1A

Lab Sample ID: HXC0030-01

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1221	ND		0.33		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1232	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1242	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1248	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1254	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20
PCB-1260	**1.8**		0.16		mg/Kg		03/25/14 11:10	03/26/14 12:39	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*164*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 12:39*	*20*

Client Sample ID: VOA-1B

Lab Sample ID: HXC0030-02

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1221	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1232	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1242	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1248	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1254	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10
PCB-1260	**0.71**		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*145*		*15 - 150*	*03/25/14 11:10*	*03/26/14 13:00*	*10*

Client Sample ID: VOA-1C

Lab Sample ID: HXC0030-03

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1221	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1232	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1242	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1248	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1254	ND		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10
PCB-1260	**0.94**		0.081		mg/Kg		03/25/14 11:10	03/26/14 13:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*149*		*15 - 150*	*03/25/14 11:10*	*03/26/14 13:20*	*10*

Client Sample ID: VOA-1D

Lab Sample ID: HXC0030-04

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1221	ND		0.33		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1232	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1242	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1248	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1254	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20
PCB-1260	**2.4**		0.16		mg/Kg		03/25/14 11:10	03/26/14 13:41	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*157*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 13:41*	*20*

Client Sample ID: VOA-1E

Lab Sample ID: HXC0030-05

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1221	ND		0.33		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1232	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1242	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1248	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1254	ND		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20
PCB-1260	**1.5**		0.16		mg/Kg		03/25/14 11:10	03/26/14 14:02	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*128*		*15 - 150*	*03/25/14 11:10*	*03/26/14 14:02*	*20*

Client Sample ID: VOA-2A

Lab Sample ID: HXC0030-06

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1221	ND		3.2		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200
PCB-1260	**15**		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:22	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*226*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 14:22*	*200*

Client Sample ID: VOA-2B

Lab Sample ID: HXC0030-07

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1221	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200
PCB-1260	**15**		1.6		mg/Kg		03/25/14 11:10	03/26/14 14:43	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*231*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 14:43*	*200*

Client Sample ID: VOA-2C

Lab Sample ID: HXC0030-08

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1221	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1232	ND		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1242	ND		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1248	ND		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1254	ND		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100
PCB-1260	**6.3**		0.81		mg/Kg		03/25/14 11:10	03/26/14 15:03	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*167*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 15:03*	*100*

Client Sample ID: VOA-2D

Lab Sample ID: HXC0030-09

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1221	ND		3.2		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200
PCB-1260	**16**		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:24	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*163*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 15:24*	*200*

Client Sample ID: VOA-2E

Lab Sample ID: HXC0030-10

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1221	ND		3.2		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200
PCB-1260	**14**		1.6		mg/Kg		03/25/14 11:10	03/26/14 15:45	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*208*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 15:45*	*200*

Client Sample ID: VOA-3A

Lab Sample ID: HXC0030-11

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1221	ND		66		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1232	ND		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1242	ND		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1248	ND		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1254	ND		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000
PCB-1260	**630**		33		mg/Kg		03/25/14 11:10	03/26/14 19:03	4000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*2084*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 19:03*	*4000*

Client Sample ID: VOA-3B

Lab Sample ID: HXC0030-12

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1221	ND		3.2		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200
PCB-1260	**63**		1.6		mg/Kg		03/25/14 11:10	03/26/14 12:39	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*187*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 12:39*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-3C

Lab Sample ID: HXC0030-13

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1221	ND		33		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1232	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1242	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1248	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1254	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1260	**480**		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1384*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:12*	*2000*

Client Sample ID: VOA-3D

Lab Sample ID: HXC0030-14

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1221	ND		3.2		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1232	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1242	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1248	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1254	ND		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200
PCB-1260	**62**		1.6		mg/Kg		03/25/14 11:10	03/26/14 13:20	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*230*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 13:20*	*200*

Client Sample ID: VOA-3E

Lab Sample ID: HXC0030-15

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1221	ND		33		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1232	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1242	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1248	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1254	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000
PCB-1260	**210**		16		mg/Kg		03/25/14 11:10	03/26/14 17:32	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*821*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:32*	*2000*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-4A

Lab Sample ID: HXC0030-16
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1221	ND		160		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1232	ND		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1242	ND		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1248	ND		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1254	ND		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1260	**2300**		82		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*4050*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:53*	*10000*

Client Sample ID: VOA-4B

Lab Sample ID: HXC0030-17
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1221	ND		32		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1232	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1242	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1248	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1254	ND		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000
PCB-1260	**310**		16		mg/Kg		03/25/14 11:10	03/26/14 17:12	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:12*	*2000*

Client Sample ID: VOA-4C

Lab Sample ID: HXC0030-18
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1221	ND		32		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1232	ND		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1242	ND		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1248	ND		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1254	ND		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000
PCB-1260	**420**		16		mg/Kg		03/25/14 11:52	03/27/14 11:55	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/27/14 11:55*	*2000*

Client Sample ID: VOA-4D

Lab Sample ID: HXC0030-19

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1221	ND		150		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1232	ND		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1242	ND		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1248	ND		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1254	ND		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000
PCB-1260	**2000**		77		mg/Kg		03/25/14 11:10	03/26/14 17:53	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:53*	*10000*

Client Sample ID: VOA-4E

Lab Sample ID: HXC0030-20

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1221	ND		1600		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1232	ND		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1242	ND		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1248	ND		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1254	ND		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000
PCB-1260	**8400**		810		mg/Kg		03/25/14 11:10	03/26/14 19:03	100000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 19:03*	*100000*

Client Sample ID: VOA-5A

Lab Sample ID: HXC0030-21

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1221	ND		6.6		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1232	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1242	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1248	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1254	ND		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400
PCB-1260	**87**		3.3		mg/Kg		03/25/14 11:10	03/26/14 17:32	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:10*	*03/26/14 17:32*	*400*

Client Sample ID: VOA-5B

Lab Sample ID: HXC0030-22

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1232	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1242	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1248	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1254	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1260	**110**		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*336*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 19:44*	*1000*

Client Sample ID: VOA-5C

Lab Sample ID: HXC0030-23

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1232	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1242	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1248	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1254	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1260	**93**		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*387*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:04*	*1000*

Client Sample ID: VOA-5D

Lab Sample ID: HXC0030-24

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1232	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1242	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1248	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1254	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1260	**210**		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*621*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:25*	*1000*

Client Sample ID: VOA-5E

Lab Sample ID: HXC0030-25

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1232	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1242	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1248	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1254	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1260	**96**		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*717*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:46*	*1000*

Client Sample ID: VOA-6A

Lab Sample ID: HXC0030-26

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1232	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1242	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1248	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1254	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000
PCB-1260	**37**		8.1		mg/Kg		03/25/14 11:52	03/26/14 19:23	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 19:23*	*1000*

Client Sample ID: VOA-6B

Lab Sample ID: HXC0030-27

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1232	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1242	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1248	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1254	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000
PCB-1260	**45**		8.2		mg/Kg		03/25/14 11:52	03/26/14 19:44	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 19:44*	*1000*

Client Sample ID: VOA-6C

Lab Sample ID: HXC0030-28

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1232	ND		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1242	ND		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1248	ND		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1254	ND		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000
PCB-1260	**50**		8.0		mg/Kg		03/25/14 11:52	03/26/14 20:04	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:04*	*1000*

Client Sample ID: VOA-6D

Lab Sample ID: HXC0030-29

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1232	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1242	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1248	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1254	ND		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000
PCB-1260	**41**		8.2		mg/Kg		03/25/14 11:52	03/26/14 20:25	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:25*	*1000*

Client Sample ID: VOA-6E

Lab Sample ID: HXC0030-30

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1221	ND		16		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1232	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1242	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1248	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1254	ND		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000
PCB-1260	**34**		8.1		mg/Kg		03/25/14 11:52	03/26/14 20:46	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/25/14 11:52*	*03/26/14 20:46*	*1000*

Client Sample ID: VOA-7A

Lab Sample ID: HXC0030-31

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1232	ND		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1242	ND		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1248	ND		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1254	ND		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1260	**0.18**		0.0080		mg/Kg		03/25/14 11:52	03/26/14 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*15 - 150*	*03/25/14 11:52*	*03/26/14 21:27*	*1*

Client Sample ID: VOA-7B

Lab Sample ID: HXC0030-32

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1232	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1242	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1248	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1254	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1
PCB-1260	**0.15**		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*15 - 150*	*03/25/14 11:52*	*03/26/14 21:48*	*1*

Client Sample ID: VOA-7C

Lab Sample ID: HXC0030-33

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1232	ND		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1242	ND		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1248	ND		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1254	ND		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1
PCB-1260	**0.18**		0.0082		mg/Kg		03/25/14 11:52	03/26/14 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*15 - 150*	*03/25/14 11:52*	*03/26/14 22:08*	*1*

Client Sample ID: VOA-7D

Lab Sample ID: HXC0030-34

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1232	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1242	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1248	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1254	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1260	**0.32**		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*15 - 150*	*03/25/14 11:52*	*03/26/14 21:06*	*1*

Client Sample ID: VOA-7E

Lab Sample ID: HXC0030-35

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1232	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1242	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1248	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1254	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1
PCB-1260	**0.047**		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*92*		*15 - 150*	*03/25/14 11:52*	*03/26/14 21:06*	*1*

Client Sample ID: VOA-8A

Lab Sample ID: HXC0030-36

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1232	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1242	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1248	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1254	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1
PCB-1260	**0.24**		0.0081		mg/Kg		03/25/14 11:52	03/26/14 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*15 - 150*	*03/25/14 11:52*	*03/26/14 21:27*	*1*

Client Sample ID: VOA-8B

Lab Sample ID: HXC0030-37

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1221	ND		0.016		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1232	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1242	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1248	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1254	ND		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1
PCB-1260	**0.16**		0.0081		mg/Kg		03/25/14 11:52	03/26/14 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*15 - 150*	*03/25/14 11:52*	*03/26/14 22:49*	*1*

Client Sample ID: VOA-8C

Lab Sample ID: HXC0030-38

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1221	ND		0.081		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1232	ND		0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1242	ND		0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1248	ND		0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1254	ND		0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5
PCB-1260	**0.73**	**B**	0.041		mg/Kg		03/26/14 10:14	03/27/14 14:40	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*300*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 14:40*	*5*

Client Sample ID: VOA-8D

Lab Sample ID: HXC0030-39

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1221	ND		0.032		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1232	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1242	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1248	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1254	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2
PCB-1260	**0.46**		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:16	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*15 - 150*	*03/25/14 11:52*	*03/27/14 12:16*	*2*

Client Sample ID: VOA-8E

Lab Sample ID: HXC0030-40

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1221	ND		0.032		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1232	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1242	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1248	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1254	ND		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2
PCB-1260	**0.32**		0.016		mg/Kg		03/25/14 11:52	03/27/14 12:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*15 - 150*	*03/25/14 11:52*	*03/27/14 12:36*	*2*

Client Sample ID: VOA-9A

Lab Sample ID: HXC0030-41

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1260	**7.4**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 12:57*	*200*

Client Sample ID: VOA-9B

Lab Sample ID: HXC0030-42

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1260	**9.4**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 13:18*	*200*

Client Sample ID: VOA-9C

Lab Sample ID: HXC0030-43

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1221	ND		0.65		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1232	ND		0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1242	ND		0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1248	ND		0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1254	ND		0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40
PCB-1260	**3.5**	**B**	0.32		mg/Kg		03/26/14 10:14	03/27/14 13:38	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*133*		*15 - 150*	*03/26/14 10:14*	*03/27/14 13:38*	*40*

Client Sample ID: VOA-9D

Lab Sample ID: HXC0030-44

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1260	**16**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 13:59*	*200*

Client Sample ID: VOA-9E

Lab Sample ID: HXC0030-45

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1260	**16**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 14:19*	*200*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-10A

Lab Sample ID: HXC0030-46
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200
PCB-1260	**26**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 14:40	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 14:40*	*200*

Client Sample ID: VOA-10B

Lab Sample ID: HXC0030-47
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200
PCB-1260	**59**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 11:55	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*334*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 11:55*	*200*

Client Sample ID: VOA-10C

Lab Sample ID: HXC0030-48
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1221	ND		3.3		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200
PCB-1260	**12**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 12:16	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*677*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 12:16*	*200*

Client Sample ID: VOA-10D

Lab Sample ID: HXC0030-49

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200
PCB-1260	**24**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 12:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*838*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 12:36*	*200*

Client Sample ID: VOA-10E

Lab Sample ID: HXC0030-50

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200
PCB-1260	**37**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 12:57	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*426*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 12:57*	*200*

Client Sample ID: VOA-11A

Lab Sample ID: HXC0030-51

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1221	ND		3.3		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200
PCB-1260	**9.9**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 13:18	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*252*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 13:18*	*200*

Client Sample ID: VOA-11B

Lab Sample ID: HXC0030-52

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1221	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1232	ND		0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1242	ND		0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1248	ND		0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1254	ND		0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100
PCB-1260	**4.8**	**B**	0.81		mg/Kg		03/26/14 10:14	03/27/14 13:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*210*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 13:38*	*100*

Client Sample ID: VOA-11C

Lab Sample ID: HXC0030-53

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1221	ND		3.3		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200
PCB-1260	**18**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 13:59	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*217*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 13:59*	*200*

Client Sample ID: VOA-11D

Lab Sample ID: HXC0030-54

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200
PCB-1260	**42**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 14:19	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*297*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 14:19*	*200*

Client Sample ID: VOA-11E

Lab Sample ID: HXC0030-55

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1221	ND		16		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1232	ND		8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1242	ND		8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1248	ND		8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1254	ND		8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000
PCB-1260	**200**	**B**	8.1		mg/Kg		03/26/14 10:14	03/27/14 15:00	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 15:00*	*1000*

Client Sample ID: VOA-12A

Lab Sample ID: HXC0030-56

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1221	ND		160		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1232	ND		80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1242	ND		80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1248	ND		80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1254	ND		80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000
PCB-1260	**980**	**B**	80		mg/Kg		03/26/14 10:14	03/28/14 08:47	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*4608*	*X*	*15 - 150*	*03/26/14 10:14*	*03/28/14 08:47*	*10000*

Client Sample ID: VOA-12B

Lab Sample ID: HXC0030-57

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1221	ND		160		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1232	ND		81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1242	ND		81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1248	ND		81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1254	ND		81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000
PCB-1260	**600**	**B**	81		mg/Kg		03/26/14 10:14	03/28/14 09:12	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1351*	*X*	*15 - 150*	*03/26/14 10:14*	*03/28/14 09:12*	*10000*

Client Sample ID: VOA-12C

Lab Sample ID: HXC0030-58

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1221	ND		320		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1232	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1242	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1248	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1254	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000
PCB-1260	**1100**		160		mg/Kg		03/28/14 11:22	03/28/14 20:06	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*3289*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 20:06*	*20000*

Client Sample ID: VOA-12D

Lab Sample ID: HXC0030-59

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1221	ND		320		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1232	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1242	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1248	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1254	ND		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000
PCB-1260	**6100**		160		mg/Kg		03/28/14 11:22	03/28/14 20:27	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*15316*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 20:27*	*20000*

Client Sample ID: VOA-12E

Lab Sample ID: HXC0030-60

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1221	ND		32		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1232	ND		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1242	ND		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1248	ND		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1254	ND		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000
PCB-1260	**370**		16		mg/Kg		03/28/14 11:22	03/28/14 20:06	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 20:06*	*2000*

Client Sample ID: VOA-13A

Lab Sample ID: HXC0030-61

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1221	ND		0.32		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1232	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1242	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1248	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1254	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20
PCB-1260	**0.37**		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:47	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*171*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 20:47*	*20*

Client Sample ID: VOA-13B

Lab Sample ID: HXC0030-62

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1221	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1232	ND		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1242	ND		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1248	ND		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1254	ND		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10
PCB-1260	**0.60**		0.079		mg/Kg		03/28/14 11:22	03/28/14 20:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*127*		*15 - 150*	*03/28/14 11:22*	*03/28/14 20:27*	*10*

Client Sample ID: VOA-13C

Lab Sample ID: HXC0030-63

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1221	ND		0.32		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1232	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1242	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1248	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1254	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20
PCB-1260	**1.9**		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*172*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 21:08*	*20*

Client Sample ID: VOA-13D

Lab Sample ID: HXC0030-64

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1221	ND		0.032		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1232	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1242	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1248	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1254	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2
PCB-1260	**0.24**		0.016		mg/Kg		03/28/14 11:22	03/28/14 20:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*15 - 150*	*03/28/14 11:22*	*03/28/14 20:47*	*2*

Client Sample ID: VOA-13E

Lab Sample ID: HXC0030-65

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1221	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1232	ND		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1242	ND		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1248	ND		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1254	ND		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1260	**0.093**		0.0081		mg/Kg		03/28/14 11:22	03/28/14 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*15 - 150*	*03/28/14 11:22*	*03/28/14 19:25*	*1*

Client Sample ID: VOA-14A

Lab Sample ID: HXC0030-66

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1221	ND		0.032		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1232	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1242	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1248	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1254	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2
PCB-1260	**0.14**		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*15 - 150*	*03/28/14 11:22*	*03/28/14 21:08*	*2*

Client Sample ID: VOA-14B

Lab Sample ID: HXC0030-67

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1221	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1232	ND		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1242	ND		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1248	ND		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1254	ND		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1
PCB-1260	**0.18**		0.0080		mg/Kg		03/28/14 11:22	03/28/14 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 150*	*03/28/14 11:22*	*03/28/14 19:46*	*1*

Client Sample ID: VOA-14C

Lab Sample ID: HXC0030-68

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1221	ND		0.032		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1232	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1242	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1248	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1254	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1260	**0.20**		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*15 - 150*	*03/28/14 11:22*	*03/28/14 21:28*	*2*

Client Sample ID: VOA-14D

Lab Sample ID: HXC0030-69

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1221	ND		0.032		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1232	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1242	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1248	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1254	ND		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2
PCB-1260	**0.26**		0.016		mg/Kg		03/28/14 11:22	03/28/14 21:28	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*15 - 150*	*03/28/14 11:22*	*03/28/14 21:28*	*2*

Client Sample ID: VOA-14E

Lab Sample ID: HXC0030-70

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1221	ND		0.081		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1232	ND		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1242	ND		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1248	ND		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1254	ND		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5
PCB-1260	**0.34**		0.040		mg/Kg		03/28/14 11:22	03/28/14 21:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*15 - 150*	*03/28/14 11:22*	*03/28/14 21:49*	*5*

Client Sample ID: VOA-15A

Lab Sample ID: HXC0030-71

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1221	ND		3.2		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200
PCB-1260	**3.6**		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:15	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 17:15*	*200*

Client Sample ID: VOA-15B

Lab Sample ID: HXC0030-72

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1221	ND		3.3		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200
PCB-1260	**3.4**		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:35	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*160*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 17:35*	*200*

Client Sample ID: VOA-15C

Lab Sample ID: HXC0030-73

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1221	ND		0.33		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1232	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1242	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1248	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1254	ND		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20
PCB-1260	**1.7**		0.16		mg/Kg		03/28/14 11:22	03/28/14 21:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*182*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 21:49*	*20*

Client Sample ID: VOA-15D

Lab Sample ID: HXC0030-74

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1221	ND		3.2		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1260	**4.6**		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*176*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 17:55*	*200*

Client Sample ID: VOA-15E

Lab Sample ID: HXC0030-75

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1221	ND		3.2		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200
PCB-1260	**3.6**		1.6		mg/Kg		03/28/14 11:22	03/28/14 17:55	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 17:55*	*200*

Client Sample ID: VOA-16A

Lab Sample ID: HXC0030-76

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1221	ND		3.2		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1260	**14**		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*234*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 18:16*	*200*

Client Sample ID: VOA-16B

Lab Sample ID: HXC0030-77

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1221	ND		3.2		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1232	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1242	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1248	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1254	ND		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200
PCB-1260	**18**		1.6		mg/Kg		03/28/14 11:22	03/28/14 18:16	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*0*	*X*	*15 - 150*	*03/28/14 11:22*	*03/28/14 18:16*	*200*

Client Sample ID: VOA-16C

Lab Sample ID: HXC0030-78

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 14:21	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 14:21	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 14:21	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 14:21	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 14:21	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 135*	*03/31/14 07:30*	*03/31/14 14:21*	*1*
DCB Decachlorobiphenyl	*75*		*50 - 140*	*03/31/14 07:30*	*03/31/14 14:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**16**		0.33		mg/Kg		03/31/14 07:30	03/31/14 21:58	100

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-16D

Lab Sample ID: HXC0030-79

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:01	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 15:01	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 15:01	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:01	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:01	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*45 - 135*	*03/31/14 07:30*	*03/31/14 15:01*	*1*
DCB Decachlorobiphenyl	*77*		*50 - 140*	*03/31/14 07:30*	*03/31/14 15:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**12**		0.33		mg/Kg		03/31/14 07:30	03/31/14 20:38	100

Client Sample ID: VOA-16E

Lab Sample ID: HXC0030-80

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:14	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 15:14	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 15:14	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:14	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:14	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 135*	*03/31/14 07:30*	*03/31/14 15:14*	*1*
DCB Decachlorobiphenyl	*85*		*50 - 140*	*03/31/14 07:30*	*03/31/14 15:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**22**		0.33		mg/Kg		03/31/14 07:30	03/31/14 20:51	100

Client Sample ID: VOA-17A

Lab Sample ID: HXC0030-81

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1242	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1248	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1254	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 15:27	100
PCB-1260	**16**		0.33		mg/Kg		03/31/14 07:30	03/31/14 15:27	100

Client Sample ID: VOA-17A

Lab Sample ID: HXC0030-81
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	103		45 - 135	03/31/14 07:30	03/31/14 15:27	100
DCB Decachlorobiphenyl	108		50 - 140	03/31/14 07:30	03/31/14 15:27	100

Client Sample ID: VOA-17B

Lab Sample ID: HXC0030-82
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1221	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1232	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1242	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1248	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1254	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 15:41	100
PCB-1260	**1.9**		0.32		mg/Kg		03/31/14 07:30	03/31/14 15:41	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		45 - 135	03/31/14 07:30	03/31/14 15:41	100
DCB Decachlorobiphenyl	82		50 - 140	03/31/14 07:30	03/31/14 15:41	100

Client Sample ID: VOA-17C

Lab Sample ID: HXC0030-83
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1221	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1232	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1242	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1248	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1254	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 16:51	100
PCB-1260	**40**		0.32		mg/Kg		03/31/14 07:30	03/31/14 16:51	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		45 - 135	03/31/14 07:30	03/31/14 16:51	100
DCB Decachlorobiphenyl	151	X	50 - 140	03/31/14 07:30	03/31/14 16:51	100

Client Sample ID: VOA-17D

Lab Sample ID: HXC0030-84
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:04	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:04	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:04	100
PCB-1242	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:04	100
PCB-1248	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:04	100
PCB-1254	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:04	100

Client Sample ID: VOA-17D

Lab Sample ID: HXC0030-84

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	16		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:04	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*45 - 135*	*03/31/14 07:30*	*03/31/14 17:04*	*100*
DCB Decachlorobiphenyl	*112*		*50 - 140*	*03/31/14 07:30*	*03/31/14 17:04*	*100*

Client Sample ID: VOA-17E

Lab Sample ID: HXC0030-85

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1242	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1248	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1254	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:18	100
PCB-1260	47		0.33		mg/Kg		03/31/14 07:30	03/31/14 17:18	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*45 - 135*	*03/31/14 07:30*	*03/31/14 17:18*	*100*
DCB Decachlorobiphenyl	*135*		*50 - 140*	*03/31/14 07:30*	*03/31/14 17:18*	*100*

Client Sample ID: VOA-18A

Lab Sample ID: HXC0030-86

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.31		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1221	ND		0.34		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1232	ND		0.34		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1242	ND		0.31		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1248	ND		0.31		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1254	ND		0.31		mg/Kg		03/31/14 07:30	03/31/14 17:31	100
PCB-1260	36		0.31		mg/Kg		03/31/14 07:30	03/31/14 17:31	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*45 - 135*	*03/31/14 07:30*	*03/31/14 17:31*	*100*
DCB Decachlorobiphenyl	*156*	*X*	*50 - 140*	*03/31/14 07:30*	*03/31/14 17:31*	*100*

Client Sample ID: VOA-18B

Lab Sample ID: HXC0030-87

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:44	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:44	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:44	100

Client Sample ID: VOA-18B

Lab Sample ID: HXC0030-87

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:44	100
PCB-1248	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:44	100
PCB-1254	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:44	100
PCB-1260	**26**		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*45 - 135*	*03/31/14 07:30*	*03/31/14 17:44*	*100*
DCB Decachlorobiphenyl	*124*		*50 - 140*	*03/31/14 07:30*	*03/31/14 17:44*	*100*

Client Sample ID: VOA-18C

Lab Sample ID: HXC0030-88

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1242	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1248	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1254	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:58	100
PCB-1260	**33**		0.32		mg/Kg		03/31/14 07:30	03/31/14 17:58	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*45 - 135*	*03/31/14 07:30*	*03/31/14 17:58*	*100*
DCB Decachlorobiphenyl	*123*		*50 - 140*	*03/31/14 07:30*	*03/31/14 17:58*	*100*

Client Sample ID: VOA-18D

Lab Sample ID: HXC0030-89

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1221	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1232	ND		0.35		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1242	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1248	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1254	ND		0.32		mg/Kg		03/31/14 07:30	03/31/14 18:11	100
PCB-1260	**29**		0.32		mg/Kg		03/31/14 07:30	03/31/14 18:11	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*45 - 135*	*03/31/14 07:30*	*03/31/14 18:11*	*100*
DCB Decachlorobiphenyl	*134*		*50 - 140*	*03/31/14 07:30*	*03/31/14 18:11*	*100*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-18E

Lab Sample ID: HXC0030-90

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1221	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1232	ND		0.36		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1242	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1248	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1254	ND		0.33		mg/Kg		03/31/14 07:30	03/31/14 18:51	100
PCB-1260	**36**		0.33		mg/Kg		03/31/14 07:30	03/31/14 18:51	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*45 - 135*	*03/31/14 07:30*	*03/31/14 18:51*	*100*
DCB Decachlorobiphenyl	*156*	*X*	*50 - 140*	*03/31/14 07:30*	*03/31/14 18:51*	*100*

Client Sample ID: VOA-19A

Lab Sample ID: HXC0030-91

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 09:53	1
PCB-1260	**0.050**		0.0032		mg/Kg		03/31/14 07:30	04/01/14 09:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*45 - 135*	*03/31/14 07:30*	*04/01/14 09:53*	*1*
DCB Decachlorobiphenyl	*82*		*50 - 140*	*03/31/14 07:30*	*04/01/14 09:53*	*1*

Client Sample ID: VOA-19B

Lab Sample ID: HXC0030-92

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:06	1
PCB-1260	**0.11**		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*59*		*45 - 135*	*03/31/14 07:30*	*04/01/14 10:06*	*1*
DCB Decachlorobiphenyl	*72*		*50 - 140*	*03/31/14 07:30*	*04/01/14 10:06*	*1*

Client Sample ID: VOA-19C

Lab Sample ID: HXC0030-93

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:20	1
PCB-1260	**0.054**		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*45 - 135*	*03/31/14 07:30*	*04/01/14 10:20*	*1*
DCB Decachlorobiphenyl	*86*		*50 - 140*	*03/31/14 07:30*	*04/01/14 10:20*	*1*

Client Sample ID: VOA-19D

Lab Sample ID: HXC0030-94

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:33	1
PCB-1260	**0.036**		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 135*	*03/31/14 07:30*	*04/01/14 10:33*	*1*
DCB Decachlorobiphenyl	*85*		*50 - 140*	*03/31/14 07:30*	*04/01/14 10:33*	*1*

Client Sample ID: VOA-19E

Lab Sample ID: HXC0030-95

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:46	1
PCB-1260	**0.061**		0.0032		mg/Kg		03/31/14 07:30	04/01/14 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*45 - 135*	*03/31/14 07:30*	*04/01/14 10:46*	*1*
DCB Decachlorobiphenyl	*80*		*50 - 140*	*03/31/14 07:30*	*04/01/14 10:46*	*1*

Client Sample ID: VOA-20A

Lab Sample ID: HXC0030-96

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1221	ND		0.035		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1232	ND		0.035		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1242	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1248	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1254	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:00	10
PCB-1260	**1.2**		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*45 - 135*	*03/31/14 07:30*	*04/01/14 11:00*	*10*
DCB Decachlorobiphenyl	*127*		*50 - 140*	*03/31/14 07:30*	*04/01/14 11:00*	*10*

Client Sample ID: VOA-20B

Lab Sample ID: HXC0030-97

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1221	ND		0.036		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1232	ND		0.036		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1242	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1248	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1254	ND		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:13	10
PCB-1260	**0.43**		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 135*	*03/31/14 07:30*	*04/01/14 11:13*	*10*
DCB Decachlorobiphenyl	*116*		*50 - 140*	*03/31/14 07:30*	*04/01/14 11:13*	*10*

Client Sample ID: VOA-20C

Lab Sample ID: HXC0030-98

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 22:38	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	03/31/14 22:38	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	03/31/14 22:38	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 22:38	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 22:38	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*45 - 135*	*03/31/14 07:30*	*03/31/14 22:38*	*1*
DCB Decachlorobiphenyl	*110*		*50 - 140*	*03/31/14 07:30*	*03/31/14 22:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**1.0**		0.032		mg/Kg		03/31/14 07:30	04/01/14 11:26	10

Client Sample ID: VOA-20D

Lab Sample ID: HXC0030-99

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 23:18	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 23:18	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	03/31/14 23:18	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 23:18	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 23:18	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	03/31/14 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*45 - 135*	*03/31/14 07:30*	*03/31/14 23:18*	*1*
DCB Decachlorobiphenyl	*79*		*50 - 140*	*03/31/14 07:30*	*03/31/14 23:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**8.1**		0.32		mg/Kg		03/31/14 07:30	04/01/14 12:33	100

Client Sample ID: VOA-20E

Lab Sample ID: HXC0030-AA

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0031		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1242	ND		0.0031		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1248	ND		0.0031		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1254	ND		0.0031		mg/Kg		03/31/14 07:30	03/31/14 23:58	1
PCB-1260	**0.33**		0.0031		mg/Kg		03/31/14 07:30	03/31/14 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*45 - 135*	*03/31/14 07:30*	*03/31/14 23:58*	*1*
DCB Decachlorobiphenyl	*80*		*50 - 140*	*03/31/14 07:30*	*03/31/14 23:58*	*1*

Client Sample ID: VOA-21A

Lab Sample ID: HXC0030-AB

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:12	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:12	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:12	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:12	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:12	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*45 - 135*	*03/31/14 07:30*	*04/01/14 00:12*	*1*
DCB Decachlorobiphenyl	*80*		*50 - 140*	*03/31/14 07:30*	*04/01/14 00:12*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-21A

Lab Sample ID: HXC0030-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	32		3.2		mg/Kg		03/31/14 07:30	04/01/14 12:47	1000

Client Sample ID: VOA-21B

Lab Sample ID: HXC0030-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:25	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 00:25	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 00:25	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:25	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:25	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*45 - 135*	*03/31/14 07:30*	*04/01/14 00:25*	*1*
DCB Decachlorobiphenyl	*68*		*50 - 140*	*03/31/14 07:30*	*04/01/14 00:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	26		3.2		mg/Kg		03/31/14 07:30	04/01/14 13:00	1000

Client Sample ID: VOA-21C

Lab Sample ID: HXC0030-AD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:38	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:38	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:38	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:38	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:38	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 135*	*03/31/14 07:30*	*04/01/14 00:38*	*1*
DCB Decachlorobiphenyl	*72*		*50 - 140*	*03/31/14 07:30*	*04/01/14 00:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	5.5		0.32		mg/Kg		03/31/14 07:30	04/01/14 13:13	100

Client Sample ID: VOA-21D

Lab Sample ID: HXC0030-AE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 00:52	1

Client Sample ID: VOA-21D

Lab Sample ID: HXC0030-AE

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:52	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 00:52	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 00:52	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 00:52	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 135*	*03/31/14 07:30*	*04/01/14 00:52*	*1*
DCB Decachlorobiphenyl	*96*		*50 - 140*	*03/31/14 07:30*	*04/01/14 00:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**160**		16		mg/Kg		03/31/14 07:30	04/01/14 13:27	5000

Client Sample ID: VOA-21E

Lab Sample ID: HXC0030-AF

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:05	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 01:05	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 01:05	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:05	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:05	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 135*	*03/31/14 07:30*	*04/01/14 01:05*	*1*
DCB Decachlorobiphenyl	*79*		*50 - 140*	*03/31/14 07:30*	*04/01/14 01:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**19**		1.6		mg/Kg		03/31/14 07:30	04/01/14 13:40	500

Client Sample ID: VOA-22A

Lab Sample ID: HXC0030-AG

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 01:18	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:18	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:18	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 01:18	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 01:18	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*45 - 135*	*03/31/14 07:30*	*04/01/14 01:18*	*1*
DCB Decachlorobiphenyl	*83*		*50 - 140*	*03/31/14 07:30*	*04/01/14 01:18*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-22A

Lab Sample ID: HXC0030-AG
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	27		1.6		mg/Kg		03/31/14 07:30	04/01/14 13:53	500

Client Sample ID: VOA-22B

Lab Sample ID: HXC0030-AH
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:32	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:32	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:32	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:32	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:32	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 135*	*03/31/14 07:30*	*04/01/14 01:32*	*1*
DCB Decachlorobiphenyl	*78*		*50 - 140*	*03/31/14 07:30*	*04/01/14 01:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	15		1.6		mg/Kg		03/31/14 07:30	04/01/14 14:07	500

Client Sample ID: VOA-22C

Lab Sample ID: HXC0030-AI
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:45	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:45	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:45	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:45	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:45	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*45 - 135*	*03/31/14 07:30*	*04/01/14 01:45*	*1*
DCB Decachlorobiphenyl	*73*		*50 - 140*	*03/31/14 07:30*	*04/01/14 01:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	40		3.2		mg/Kg		03/31/14 07:30	04/01/14 14:20	1000

Client Sample ID: VOA-22D

Lab Sample ID: HXC0030-AJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:58	1

Client Sample ID: VOA-22D

Lab Sample ID: HXC0030-AJ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:58	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 01:58	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:58	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:58	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*45 - 135*	*03/31/14 07:30*	*04/01/14 01:58*	*1*
DCB Decachlorobiphenyl	*87*		*50 - 140*	*03/31/14 07:30*	*04/01/14 01:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**39**		3.2		mg/Kg		03/31/14 07:30	04/01/14 14:33	1000

Client Sample ID: VOA-22E

Lab Sample ID: HXC0030-AK
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:39	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 02:39	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 02:39	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:39	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:39	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*45 - 135*	*03/31/14 07:30*	*04/01/14 02:39*	*1*
DCB Decachlorobiphenyl	*77*		*50 - 140*	*03/31/14 07:30*	*04/01/14 02:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**52**		3.3		mg/Kg		03/31/14 07:30	04/01/14 15:14	1000

Client Sample ID: VOA-23A

Lab Sample ID: HXC0030-AL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:52	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 02:52	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 02:52	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:52	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:52	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*45 - 135*	*03/31/14 07:30*	*04/01/14 02:52*	*1*
DCB Decachlorobiphenyl	*77*		*50 - 140*	*03/31/14 07:30*	*04/01/14 02:52*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-23A

Lab Sample ID: HXC0030-AL
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	5.2		0.33		mg/Kg		03/31/14 07:30	04/01/14 15:27	100

Client Sample ID: VOA-23B

Lab Sample ID: HXC0030-AM
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:05	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:05	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:05	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:05	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:05	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*45 - 135*	*03/31/14 07:30*	*04/01/14 03:05*	*1*
DCB Decachlorobiphenyl	*77*		*50 - 140*	*03/31/14 07:30*	*04/01/14 03:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	8.2		0.32		mg/Kg		03/31/14 07:30	04/01/14 15:40	100

Client Sample ID: VOA-23C

Lab Sample ID: HXC0030-AN
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:19	1
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 03:19	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 03:19	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:19	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:19	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 135*	*03/31/14 07:30*	*04/01/14 03:19*	*1*
DCB Decachlorobiphenyl	*66*		*50 - 140*	*03/31/14 07:30*	*04/01/14 03:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	7.5		0.32		mg/Kg		03/31/14 07:30	04/01/14 15:54	100

Client Sample ID: VOA-23D

Lab Sample ID: HXC0030-AO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 03:32	1

Client Sample ID: VOA-23D

Lab Sample ID: HXC0030-AO
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 03:32	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 03:32	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 03:32	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 03:32	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*45 - 135*	*03/31/14 07:30*	*04/01/14 03:32*	*1*
DCB Decachlorobiphenyl	*81*		*50 - 140*	*03/31/14 07:30*	*04/01/14 03:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**1.5**		0.33		mg/Kg		03/31/14 07:30	04/01/14 16:09	100

Client Sample ID: VOA-23E

Lab Sample ID: HXC0030-AP
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:45	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:45	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:45	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:45	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:45	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*45 - 135*	*03/31/14 07:30*	*04/01/14 03:45*	*1*
DCB Decachlorobiphenyl	*82*		*50 - 140*	*03/31/14 07:30*	*04/01/14 03:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**1.8**		0.32		mg/Kg		03/31/14 07:30	04/01/14 16:22	100

Client Sample ID: VOA-24A

Lab Sample ID: HXC0030-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:59	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:59	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 03:59	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:59	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:59	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*45 - 135*	*03/31/14 07:30*	*04/01/14 03:59*	*1*
DCB Decachlorobiphenyl	*65*		*50 - 140*	*03/31/14 07:30*	*04/01/14 03:59*	*1*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-24A

Lab Sample ID: HXC0030-AQ
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	7.7		0.32		mg/Kg		03/31/14 07:30	04/01/14 16:35	100

Client Sample ID: VOA-24B

Lab Sample ID: HXC0030-AR
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:12	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 04:12	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 04:12	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:12	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:12	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 135*	*03/31/14 07:30*	*04/01/14 04:12*	*1*
DCB Decachlorobiphenyl	*65*		*50 - 140*	*03/31/14 07:30*	*04/01/14 04:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	6.0		0.32		mg/Kg		03/31/14 07:30	04/01/14 16:49	100

Client Sample ID: VOA-24C

Lab Sample ID: HXC0030-AS
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 05:19	1
PCB-1221	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 05:19	1
PCB-1232	ND		0.0035		mg/Kg		03/31/14 07:30	04/01/14 05:19	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 05:19	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 05:19	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*45 - 135*	*03/31/14 07:30*	*04/01/14 05:19*	*1*
DCB Decachlorobiphenyl	*67*		*50 - 140*	*03/31/14 07:30*	*04/01/14 05:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	91		16		mg/Kg		03/31/14 07:30	04/01/14 17:55	5000

Client Sample ID: VOA-24D

Lab Sample ID: HXC0030-AT
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:25	1

Client Sample ID: VOA-24D

Lab Sample ID: HXC0030-AT

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 04:25	1
PCB-1232	ND		0.0036		mg/Kg		03/31/14 07:30	04/01/14 04:25	1
PCB-1242	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:25	1
PCB-1248	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:25	1
PCB-1254	ND		0.0032		mg/Kg		03/31/14 07:30	04/01/14 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*45 - 135*	*03/31/14 07:30*	*04/01/14 04:25*	*1*
DCB Decachlorobiphenyl	*66*		*50 - 140*	*03/31/14 07:30*	*04/01/14 04:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**14**		1.6		mg/Kg		03/31/14 07:30	04/01/14 17:02	500

Client Sample ID: VOA-24E

Lab Sample ID: HXC0030-AU

Date Collected: 03/05/14 11:30

Matrix: Solid/Soil

Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0030		mg/Kg		03/31/14 07:30	04/01/14 04:39	1
PCB-1221	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 04:39	1
PCB-1232	ND		0.0033		mg/Kg		03/31/14 07:30	04/01/14 04:39	1
PCB-1242	ND		0.0030		mg/Kg		03/31/14 07:30	04/01/14 04:39	1
PCB-1248	ND		0.0030		mg/Kg		03/31/14 07:30	04/01/14 04:39	1
PCB-1254	ND		0.0030		mg/Kg		03/31/14 07:30	04/01/14 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*45 - 135*	*03/31/14 07:30*	*04/01/14 04:39*	*1*
DCB Decachlorobiphenyl	*65*		*50 - 140*	*03/31/14 07:30*	*04/01/14 04:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	**4.9**		0.30		mg/Kg		03/31/14 07:30	04/01/14 17:15	100

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(45-135)	(50-140)
580-42693-78 MS	HXC0030-78	74	74
580-42693-78 MSD	HXC0030-78	77	77
580-42693-98 MS	HXC0030-98	76	98
580-42693-98 MSD	HXC0030-98	72	107
580-42693-118 MS	HXC0030-AS	92	83
580-42693-118 MSD	HXC0030-AS	90	74
LCS 580-156047/2-A	Lab Control Sample	75	89
LCS 580-156077/2-A	Lab Control Sample	78	95
LCS 580-156082/2-A	Lab Control Sample	80	100
LCSD 580-156047/3-A	Lab Control Sample Dup	83	99
LCSD 580-156077/3-A	Lab Control Sample Dup	73	90
LCSD 580-156082/3-A	Lab Control Sample Dup	91	108
MB 580-156047/1-A	Method Blank	81	87
MB 580-156077/1-A	Method Blank	74	87
MB 580-156082/1-A	Method Blank	91	112

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCB1
Lab Sample ID	Client Sample ID	(15-150)
LCS 250-25524/2-A	Lab Control Sample	101
LCS 250-25527/2-A	Lab Control Sample	96
LCS 250-25554/2-A	Lab Control Sample	94
LCS 250-25632/2-A	Lab Control Sample	106
MB 250-25524/1-A	Method Blank	97
MB 250-25527/1-A	Method Blank	93
MB 250-25554/1-A	Method Blank	94
MB 250-25632/1-A	Method Blank	103

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCB1
Lab Sample ID	Client Sample ID	(15-150)
HXC0030-01	VOA-1A	164 X
HXC0030-02	VOA-1B	145
HXC0030-03	VOA-1C	149
HXC0030-04	VOA-1D	157 X
HXC0030-05	VOA-1E	128
HXC0030-06	VOA-2A	226 X

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCB1 (15-150)						
HXC0030-07	VOA-2B	231 X						
HXC0030-08	VOA-2C	167 X						
HXC0030-09	VOA-2D	163 X						
HXC0030-10	VOA-2E	208 X						
HXC0030-11	VOA-3A	2084 X						
HXC0030-12	VOA-3B	187 X						
HXC0030-13	VOA-3C	1384 X						
HXC0030-14	VOA-3D	230 X						
HXC0030-15	VOA-3E	821 X						
HXC0030-16	VOA-4A	4050 X						
HXC0030-17	VOA-4B	0 X						
HXC0030-18	VOA-4C	0 X						
HXC0030-19	VOA-4D	0 X						
HXC0030-20	VOA-4E	0 X						
HXC0030-21	VOA-5A	0 X						
HXC0030-22	VOA-5B	336 X						
HXC0030-23	VOA-5C	387 X						
HXC0030-24	VOA-5D	621 X						
HXC0030-25	VOA-5E	717 X						
HXC0030-26	VOA-6A	0 X						
HXC0030-27	VOA-6B	0 X						
HXC0030-28	VOA-6C	0 X						
HXC0030-29	VOA-6D	0 X						
HXC0030-30	VOA-6E	0 X						
HXC0030-31	VOA-7A	97						
HXC0030-32	VOA-7B	94						
HXC0030-33	VOA-7C	100						
HXC0030-34	VOA-7D	100						
HXC0030-35	VOA-7E	92						
HXC0030-36	VOA-8A	90						
HXC0030-37	VOA-8B	100						
HXC0030-38	VOA-8C	300 X						
HXC0030-39	VOA-8D	97						
HXC0030-40	VOA-8E	100						
HXC0030-41	VOA-9A	0 X						
HXC0030-42	VOA-9B	0 X						
HXC0030-43	VOA-9C	133						
HXC0030-44	VOA-9D	0 X						
HXC0030-45	VOA-9E	0 X						
HXC0030-46	VOA-10A	0 X						
HXC0030-47	VOA-10B	334 X						
HXC0030-48	VOA-10C	677 X						
HXC0030-49	VOA-10D	838 X						
HXC0030-50	VOA-10E	426 X						
HXC0030-51	VOA-11A	252 X						
HXC0030-52	VOA-11B	210 X						
HXC0030-53	VOA-11C	217 X						
HXC0030-54	VOA-11D	297 X						
HXC0030-55	VOA-11E	0 X						

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

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

Matrix: Solid/Soil **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	DCB1 (15-150)
HXC0030-56	VOA-12A	4608 X
HXC0030-57	VOA-12B	1351 X
HXC0030-58	VOA-12C	3289 X
HXC0030-59	VOA-12D	15316 X
HXC0030-60	VOA-12E	0 X
HXC0030-61	VOA-13A	171 X
HXC0030-62	VOA-13B	127
HXC0030-63	VOA-13C	172 X
HXC0030-64	VOA-13D	88
HXC0030-65	VOA-13E	102
HXC0030-66	VOA-14A	98
HXC0030-67	VOA-14B	108
HXC0030-68	VOA-14C	93
HXC0030-69	VOA-14D	108
HXC0030-70	VOA-14E	110
HXC0030-71	VOA-15A	0 X
HXC0030-72	VOA-15B	160 X
HXC0030-73	VOA-15C	182 X
HXC0030-74	VOA-15D	176 X
HXC0030-75	VOA-15E	0 X
HXC0030-76	VOA-16A	234 X
HXC0030-77	VOA-16B	0 X

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX1 (45-135)	DCB1 (50-140)
HXC0030-78	VOA-16C	77	75
HXC0030-79	VOA-16D	78	77
HXC0030-80	VOA-16E	77	85
HXC0030-81	VOA-17A	103	108
HXC0030-82	VOA-17B	72	82
HXC0030-83	VOA-17C	86	151 X
HXC0030-84	VOA-17D	86	112
HXC0030-85	VOA-17E	96	135
HXC0030-86	VOA-18A	93	156 X
HXC0030-87	VOA-18B	102	124
HXC0030-88	VOA-18C	99	123
HXC0030-89	VOA-18D	95	134
HXC0030-90	VOA-18E	112	156 X
HXC0030-91	VOA-19A	72	82
HXC0030-92	VOA-19B	59	72
HXC0030-93	VOA-19C	76	86
HXC0030-94	VOA-19D	80	85

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX1 (45-135)	DCB1 (50-140)								
HXC0030-95	VOA-19E	73	80								
HXC0030-96	VOA-20A	86	127								
HXC0030-97	VOA-20B	80	116								
HXC0030-98	VOA-20C	72	110								
HXC0030-99	VOA-20D	79	79								
HXC0030-AA	VOA-20E	69	80								
HXC0030-AB	VOA-21A	76	80								
HXC0030-AC	VOA-21B	60	68								
HXC0030-AD	VOA-21C	77	72								
HXC0030-AE	VOA-21D	80	96								
HXC0030-AF	VOA-21E	80	79								
HXC0030-AG	VOA-22A	81	83								
HXC0030-AH	VOA-22B	77	78								
HXC0030-AI	VOA-22C	74	73								
HXC0030-AJ	VOA-22D	83	87								
HXC0030-AK	VOA-22E	71	77								
HXC0030-AL	VOA-23A	71	77								
HXC0030-AM	VOA-23B	75	77								
HXC0030-AN	VOA-23C	77	66								
HXC0030-AO	VOA-23D	72	81								
HXC0030-AP	VOA-23E	72	82								
HXC0030-AQ	VOA-24A	92	65								
HXC0030-AR	VOA-24B	80	65								
HXC0030-AS	VOA-24C	87	67								
HXC0030-AT	VOA-24D	76	66								
HXC0030-AU	VOA-24E	95	65								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 580-156047/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156047**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1221	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1232	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 13:41	1
PCB-1260	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*45 - 135*	*03/31/14 07:30*	*03/31/14 13:41*	*1*
DCB Decachlorobiphenyl	*87*		*50 - 140*	*03/31/14 07:30*	*03/31/14 13:41*	*1*

Lab Sample ID: LCS 580-156047/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156047**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0333	0.0282		mg/Kg		84	40 - 140
PCB-1260	0.0333	0.0301		mg/Kg		90	60 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*45 - 135*
DCB Decachlorobiphenyl	*89*		*50 - 140*

Lab Sample ID: LCSD 580-156047/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156047**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	0.0333	0.0287		mg/Kg		86	40 - 140	2	20
PCB-1260	0.0333	0.0326		mg/Kg		98	60 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*45 - 135*
DCB Decachlorobiphenyl	*99*		*50 - 140*

Lab Sample ID: 580-42693-78 MS — **Client Sample ID: HXC0030-78**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156047**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		0.0323	0.0399		mg/Kg		123	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*45 - 135*
DCB Decachlorobiphenyl	*74*		*50 - 140*

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

Lab Sample ID: 580-42693-78 MSD — **Client Sample ID: HXC0030-78**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156047**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		0.0321	0.0366		mg/Kg		114	40 - 140	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*77*		*45 - 135*
DCB Decachlorobiphenyl	*77*		*50 - 140*

Lab Sample ID: MB 580-156077/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156077**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1221	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1232	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 16:11	1
PCB-1260	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 16:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*45 - 135*	*03/31/14 07:30*	*03/31/14 16:11*	*1*
DCB Decachlorobiphenyl	*87*		*50 - 140*	*03/31/14 07:30*	*03/31/14 16:11*	*1*

Lab Sample ID: LCS 580-156077/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156077**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0333	0.0266		mg/Kg		80	40 - 140
PCB-1260	0.0333	0.0317		mg/Kg		95	60 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*78*		*45 - 135*
DCB Decachlorobiphenyl	*95*		*50 - 140*

Lab Sample ID: LCSD 580-156077/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156077**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	0.0333	0.0259		mg/Kg		78	40 - 140	3	20
PCB-1260	0.0333	0.0302		mg/Kg		91	60 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*45 - 135*
DCB Decachlorobiphenyl	*90*		*50 - 140*

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

Lab Sample ID: 580-42693-98 MS — **Client Sample ID: HXC0030-98**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156077**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		0.0322	0.0307		mg/Kg		95	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*76*		*45 - 135*
DCB Decachlorobiphenyl	*98*		*50 - 140*

Lab Sample ID: 580-42693-98 MSD — **Client Sample ID: HXC0030-98**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156077**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		0.0316	0.0284		mg/Kg		90	40 - 140	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*45 - 135*
DCB Decachlorobiphenyl	*107*		*50 - 140*

Lab Sample ID: MB 580-156082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156082**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1221	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1232	ND		0.0037		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1242	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1248	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1254	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 21:18	1
PCB-1260	ND		0.0033		mg/Kg		03/31/14 07:30	03/31/14 21:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*45 - 135*	*03/31/14 07:30*	*03/31/14 21:18*	*1*
DCB Decachlorobiphenyl	*112*		*50 - 140*	*03/31/14 07:30*	*03/31/14 21:18*	*1*

Lab Sample ID: LCS 580-156082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156082**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0333	0.0286		mg/Kg		86	40 - 140
PCB-1260	0.0333	0.0336		mg/Kg		101	60 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*45 - 135*
DCB Decachlorobiphenyl	*100*		*50 - 140*

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

Lab Sample ID: LCSD 580-156082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156082**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.0333	0.0326		mg/Kg		98	40 - 140	13	20
PCB-1260			0.0333	0.0379		mg/Kg		114	60 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*45 - 135*
DCB Decachlorobiphenyl	*108*		*50 - 140*

Lab Sample ID: 580-42693-118 MS — **Client Sample ID: HXC0030-AS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156082**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		0.0321	0.0695	F1	mg/Kg		217	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*92*		*45 - 135*
DCB Decachlorobiphenyl	*83*		*50 - 140*

Lab Sample ID: 580-42693-118 MSD — **Client Sample ID: HXC0030-AS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156153 — **Prep Batch: 156082**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		0.0320	0.0720	F1	mg/Kg		225	40 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*45 - 135*
DCB Decachlorobiphenyl	*74*		*50 - 140*

Lab Sample ID: MB 250-25524/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25524**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1221	ND		0.017		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1232	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1242	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1248	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1254	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1
PCB-1260	ND		0.0083		mg/Kg		03/25/14 11:10	03/26/14 15:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*15 - 150*	*03/25/14 11:10*	*03/26/14 15:24*	*1*

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

Lab Sample ID: LCS 250-25524/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25524**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0663	0.0646		mg/Kg		97	50 - 150
PCB-1260	0.0663	0.0656		mg/Kg		99	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*101*		*15 - 150*

Lab Sample ID: MB 250-25527/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25527**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1221	ND		0.017		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1232	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1242	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1248	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1254	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1260	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*15 - 150*	*03/25/14 11:52*	*03/27/14 01:33*	*1*

Lab Sample ID: LCS 250-25527/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25527**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0656	0.0630		mg/Kg		96	50 - 150
PCB-1260	0.0656	0.0747		mg/Kg		114	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*

Lab Sample ID: MB 250-25554/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25554**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1221	ND		0.017		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1232	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1242	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1248	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1254	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1260	0.0129		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1

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

Lab Sample ID: MB 250-25554/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25554**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		15 - 150	03/26/14 10:14	03/26/14 21:48	1

Lab Sample ID: LCS 250-25554/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25554**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0661	0.0593		mg/Kg		90	50 - 150
PCB-1260	0.0661	0.0604		mg/Kg		91	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	94		15 - 150

Lab Sample ID: MB 250-25632/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25647 — **Prep Batch: 25632**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1221	ND		0.017		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1232	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1242	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1248	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1254	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1
PCB-1260	ND		0.0083		mg/Kg		03/28/14 11:22	03/28/14 19:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	103		15 - 150	03/28/14 11:22	03/28/14 19:25	1

Lab Sample ID: LCS 250-25632/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25647 — **Prep Batch: 25632**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0661	0.0664		mg/Kg		100	50 - 150
PCB-1260	0.0661	0.0740		mg/Kg		112	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	106		15 - 150

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

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

Lab Sample ID: 580-42693-118 MS — **Client Sample ID: HXC0030-AS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156210 — **Prep Batch: 156082**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1260 - DL	91		0.0321	108	4	mg/Kg		53399	60 - 130		

Lab Sample ID: 580-42693-118 MSD — **Client Sample ID: HXC0030-AS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 156210 — **Prep Batch: 156082**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260 - DL	91		0.0320	103	4	mg/Kg		38912	60 - 130	4	20

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

GC Semi VOA

Prep Batch: 25524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-01	VOA-1A	Total/NA	Solid/Soil	3550B	
HXC0030-02	VOA-1B	Total/NA	Solid/Soil	3550B	
HXC0030-03	VOA-1C	Total/NA	Solid/Soil	3550B	
HXC0030-04	VOA-1D	Total/NA	Solid/Soil	3550B	
HXC0030-05	VOA-1E	Total/NA	Solid/Soil	3550B	
HXC0030-06	VOA-2A	Total/NA	Solid/Soil	3550B	
HXC0030-07	VOA-2B	Total/NA	Solid/Soil	3550B	
HXC0030-08	VOA-2C	Total/NA	Solid/Soil	3550B	
HXC0030-09	VOA-2D	Total/NA	Solid/Soil	3550B	
HXC0030-10	VOA-2E	Total/NA	Solid/Soil	3550B	
HXC0030-11	VOA-3A	Total/NA	Solid/Soil	3550B	
HXC0030-12	VOA-3B	Total/NA	Solid/Soil	3550B	
HXC0030-13	VOA-3C	Total/NA	Solid/Soil	3550B	
HXC0030-14	VOA-3D	Total/NA	Solid/Soil	3550B	
HXC0030-15	VOA-3E	Total/NA	Solid/Soil	3550B	
HXC0030-16	VOA-4A	Total/NA	Solid/Soil	3550B	
HXC0030-17	VOA-4B	Total/NA	Solid/Soil	3550B	
HXC0030-19	VOA-4D	Total/NA	Solid/Soil	3550B	
HXC0030-20	VOA-4E	Total/NA	Solid/Soil	3550B	
HXC0030-21	VOA-5A	Total/NA	Solid/Soil	3550B	
LCS 250-25524/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25524/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-18	VOA-4C	Total/NA	Solid/Soil	3550B	
HXC0030-22	VOA-5B	Total/NA	Solid/Soil	3550B	
HXC0030-23	VOA-5C	Total/NA	Solid/Soil	3550B	
HXC0030-24	VOA-5D	Total/NA	Solid/Soil	3550B	
HXC0030-25	VOA-5E	Total/NA	Solid/Soil	3550B	
HXC0030-26	VOA-6A	Total/NA	Solid/Soil	3550B	
HXC0030-27	VOA-6B	Total/NA	Solid/Soil	3550B	
HXC0030-28	VOA-6C	Total/NA	Solid/Soil	3550B	
HXC0030-29	VOA-6D	Total/NA	Solid/Soil	3550B	
HXC0030-30	VOA-6E	Total/NA	Solid/Soil	3550B	
HXC0030-31	VOA-7A	Total/NA	Solid/Soil	3550B	
HXC0030-32	VOA-7B	Total/NA	Solid/Soil	3550B	
HXC0030-33	VOA-7C	Total/NA	Solid/Soil	3550B	
HXC0030-34	VOA-7D	Total/NA	Solid/Soil	3550B	
HXC0030-35	VOA-7E	Total/NA	Solid/Soil	3550B	
HXC0030-36	VOA-8A	Total/NA	Solid/Soil	3550B	
HXC0030-37	VOA-8B	Total/NA	Solid/Soil	3550B	
HXC0030-39	VOA-8D	Total/NA	Solid/Soil	3550B	
HXC0030-40	VOA-8E	Total/NA	Solid/Soil	3550B	
LCS 250-25527/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25527/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-38	VOA-8C	Total/NA	Solid/Soil	3550B	
HXC0030-41	VOA-9A	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-42	VOA-9B	Total/NA	Solid/Soil	3550B	
HXC0030-43	VOA-9C	Total/NA	Solid/Soil	3550B	
HXC0030-44	VOA-9D	Total/NA	Solid/Soil	3550B	
HXC0030-45	VOA-9E	Total/NA	Solid/Soil	3550B	
HXC0030-46	VOA-10A	Total/NA	Solid/Soil	3550B	
HXC0030-47	VOA-10B	Total/NA	Solid/Soil	3550B	
HXC0030-48	VOA-10C	Total/NA	Solid/Soil	3550B	
HXC0030-49	VOA-10D	Total/NA	Solid/Soil	3550B	
HXC0030-50	VOA-10E	Total/NA	Solid/Soil	3550B	
HXC0030-51	VOA-11A	Total/NA	Solid/Soil	3550B	
HXC0030-52	VOA-11B	Total/NA	Solid/Soil	3550B	
HXC0030-53	VOA-11C	Total/NA	Solid/Soil	3550B	
HXC0030-54	VOA-11D	Total/NA	Solid/Soil	3550B	
HXC0030-55	VOA-11E	Total/NA	Solid/Soil	3550B	
HXC0030-56	VOA-12A	Total/NA	Solid/Soil	3550B	
HXC0030-57	VOA-12B	Total/NA	Solid/Soil	3550B	
LCS 250-25554/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25554/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-12	VOA-3B	Total/NA	Solid/Soil	8082	25524
HXC0030-14	VOA-3D	Total/NA	Solid/Soil	8082	25524
HXC0030-17	VOA-4B	Total/NA	Solid/Soil	8082	25524
HXC0030-19	VOA-4D	Total/NA	Solid/Soil	8082	25524
HXC0030-20	VOA-4E	Total/NA	Solid/Soil	8082	25524
HXC0030-21	VOA-5A	Total/NA	Solid/Soil	8082	25524
HXC0030-26	VOA-6A	Total/NA	Solid/Soil	8082	25527
HXC0030-27	VOA-6B	Total/NA	Solid/Soil	8082	25527
HXC0030-28	VOA-6C	Total/NA	Solid/Soil	8082	25527
HXC0030-29	VOA-6D	Total/NA	Solid/Soil	8082	25527
HXC0030-30	VOA-6E	Total/NA	Solid/Soil	8082	25527
HXC0030-35	VOA-7E	Total/NA	Solid/Soil	8082	25527
HXC0030-36	VOA-8A	Total/NA	Solid/Soil	8082	25527
LCS 250-25524/2-A	Lab Control Sample	Total/NA	Solid	8082	25524
LCS 250-25527/2-A	Lab Control Sample	Total/NA	Solid	8082	25527
LCS 250-25554/2-A	Lab Control Sample	Total/NA	Solid	8082	25554
MB 250-25524/1-A	Method Blank	Total/NA	Solid	8082	25524
MB 250-25527/1-A	Method Blank	Total/NA	Solid	8082	25527
MB 250-25554/1-A	Method Blank	Total/NA	Solid	8082	25554

Analysis Batch: 25575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-01	VOA-1A	Total/NA	Solid/Soil	8082	25524
HXC0030-02	VOA-1B	Total/NA	Solid/Soil	8082	25524
HXC0030-03	VOA-1C	Total/NA	Solid/Soil	8082	25524
HXC0030-04	VOA-1D	Total/NA	Solid/Soil	8082	25524
HXC0030-05	VOA-1E	Total/NA	Solid/Soil	8082	25524
HXC0030-06	VOA-2A	Total/NA	Solid/Soil	8082	25524
HXC0030-07	VOA-2B	Total/NA	Solid/Soil	8082	25524
HXC0030-08	VOA-2C	Total/NA	Solid/Soil	8082	25524

GC Semi VOA (Continued)

Analysis Batch: 25575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-09	VOA-2D	Total/NA	Solid/Soil	8082	25524
HXC0030-10	VOA-2E	Total/NA	Solid/Soil	8082	25524
HXC0030-11	VOA-3A	Total/NA	Solid/Soil	8082	25524
HXC0030-13	VOA-3C	Total/NA	Solid/Soil	8082	25524
HXC0030-15	VOA-3E	Total/NA	Solid/Soil	8082	25524
HXC0030-16	VOA-4A	Total/NA	Solid/Soil	8082	25524
HXC0030-22	VOA-5B	Total/NA	Solid/Soil	8082	25527
HXC0030-23	VOA-5C	Total/NA	Solid/Soil	8082	25527
HXC0030-24	VOA-5D	Total/NA	Solid/Soil	8082	25527
HXC0030-25	VOA-5E	Total/NA	Solid/Soil	8082	25527
HXC0030-31	VOA-7A	Total/NA	Solid/Soil	8082	25527
HXC0030-32	VOA-7B	Total/NA	Solid/Soil	8082	25527
HXC0030-33	VOA-7C	Total/NA	Solid/Soil	8082	25527
HXC0030-34	VOA-7D	Total/NA	Solid/Soil	8082	25527
HXC0030-37	VOA-8B	Total/NA	Solid/Soil	8082	25527

Analysis Batch: 25603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-18	VOA-4C	Total/NA	Solid/Soil	8082	25527
HXC0030-39	VOA-8D	Total/NA	Solid/Soil	8082	25527
HXC0030-40	VOA-8E	Total/NA	Solid/Soil	8082	25527
HXC0030-41	VOA-9A	Total/NA	Solid/Soil	8082	25554
HXC0030-42	VOA-9B	Total/NA	Solid/Soil	8082	25554
HXC0030-43	VOA-9C	Total/NA	Solid/Soil	8082	25554
HXC0030-44	VOA-9D	Total/NA	Solid/Soil	8082	25554
HXC0030-45	VOA-9E	Total/NA	Solid/Soil	8082	25554
HXC0030-46	VOA-10A	Total/NA	Solid/Soil	8082	25554
HXC0030-55	VOA-11E	Total/NA	Solid/Soil	8082	25554

Analysis Batch: 25609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-38	VOA-8C	Total/NA	Solid/Soil	8082	25554
HXC0030-47	VOA-10B	Total/NA	Solid/Soil	8082	25554
HXC0030-48	VOA-10C	Total/NA	Solid/Soil	8082	25554
HXC0030-49	VOA-10D	Total/NA	Solid/Soil	8082	25554
HXC0030-50	VOA-10E	Total/NA	Solid/Soil	8082	25554
HXC0030-51	VOA-11A	Total/NA	Solid/Soil	8082	25554
HXC0030-52	VOA-11B	Total/NA	Solid/Soil	8082	25554
HXC0030-53	VOA-11C	Total/NA	Solid/Soil	8082	25554
HXC0030-54	VOA-11D	Total/NA	Solid/Soil	8082	25554
HXC0030-56	VOA-12A	Total/NA	Solid/Soil	8082	25554
HXC0030-57	VOA-12B	Total/NA	Solid/Soil	8082	25554

Prep Batch: 25632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-58	VOA-12C	Total/NA	Solid/Soil	3550B	
HXC0030-59	VOA-12D	Total/NA	Solid/Soil	3550B	
HXC0030-60	VOA-12E	Total/NA	Solid/Soil	3550B	
HXC0030-61	VOA-13A	Total/NA	Solid/Soil	3550B	
HXC0030-62	VOA-13B	Total/NA	Solid/Soil	3550B	
HXC0030-63	VOA-13C	Total/NA	Solid/Soil	3550B	

GC Semi VOA (Continued)

Prep Batch: 25632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-64	VOA-13D	Total/NA	Solid/Soil	3550B	
HXC0030-65	VOA-13E	Total/NA	Solid/Soil	3550B	
HXC0030-66	VOA-14A	Total/NA	Solid/Soil	3550B	
HXC0030-67	VOA-14B	Total/NA	Solid/Soil	3550B	
HXC0030-68	VOA-14C	Total/NA	Solid/Soil	3550B	
HXC0030-69	VOA-14D	Total/NA	Solid/Soil	3550B	
HXC0030-70	VOA-14E	Total/NA	Solid/Soil	3550B	
HXC0030-71	VOA-15A	Total/NA	Solid/Soil	3550B	
HXC0030-72	VOA-15B	Total/NA	Solid/Soil	3550B	
HXC0030-73	VOA-15C	Total/NA	Solid/Soil	3550B	
HXC0030-74	VOA-15D	Total/NA	Solid/Soil	3550B	
HXC0030-75	VOA-15E	Total/NA	Solid/Soil	3550B	
HXC0030-76	VOA-16A	Total/NA	Solid/Soil	3550B	
HXC0030-77	VOA-16B	Total/NA	Solid/Soil	3550B	
LCS 250-25632/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25632/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-60	VOA-12E	Total/NA	Solid/Soil	8082	25632
HXC0030-62	VOA-13B	Total/NA	Solid/Soil	8082	25632
HXC0030-64	VOA-13D	Total/NA	Solid/Soil	8082	25632
HXC0030-66	VOA-14A	Total/NA	Solid/Soil	8082	25632
HXC0030-68	VOA-14C	Total/NA	Solid/Soil	8082	25632
HXC0030-70	VOA-14E	Total/NA	Solid/Soil	8082	25632
HXC0030-71	VOA-15A	Total/NA	Solid/Soil	8082	25632
HXC0030-75	VOA-15E	Total/NA	Solid/Soil	8082	25632
HXC0030-77	VOA-16B	Total/NA	Solid/Soil	8082	25632
LCS 250-25632/2-A	Lab Control Sample	Total/NA	Solid	8082	25632
MB 250-25632/1-A	Method Blank	Total/NA	Solid	8082	25632

Analysis Batch: 25651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-58	VOA-12C	Total/NA	Solid/Soil	8082	25632
HXC0030-59	VOA-12D	Total/NA	Solid/Soil	8082	25632
HXC0030-61	VOA-13A	Total/NA	Solid/Soil	8082	25632
HXC0030-63	VOA-13C	Total/NA	Solid/Soil	8082	25632
HXC0030-65	VOA-13E	Total/NA	Solid/Soil	8082	25632
HXC0030-67	VOA-14B	Total/NA	Solid/Soil	8082	25632
HXC0030-69	VOA-14D	Total/NA	Solid/Soil	8082	25632
HXC0030-72	VOA-15B	Total/NA	Solid/Soil	8082	25632
HXC0030-73	VOA-15C	Total/NA	Solid/Soil	8082	25632
HXC0030-74	VOA-15D	Total/NA	Solid/Soil	8082	25632
HXC0030-76	VOA-16A	Total/NA	Solid/Soil	8082	25632

ISM Prep Batch: 155259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-78 MS - DL	HXC0030-78	Total/NA	Solid	Increment, prep	
580-42693-78 MS	HXC0030-78	Total/NA	Solid	Increment, prep	
580-42693-78 MSD	HXC0030-78	Total/NA	Solid	Increment, prep	
580-42693-78 MSD - DL	HXC0030-78	Total/NA	Solid	Increment, prep	

GC Semi VOA (Continued)

ISM Prep Batch: 155259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-98 MS - DL	HXC0030-98	Total/NA	Solid	Increment, prep	
580-42693-98 MS	HXC0030-98	Total/NA	Solid	Increment, prep	
580-42693-98 MSD	HXC0030-98	Total/NA	Solid	Increment, prep	
580-42693-98 MSD - DL	HXC0030-98	Total/NA	Solid	Increment, prep	
580-42693-118 MS	HXC0030-AS	Total/NA	Solid	Increment, prep	
580-42693-118 MS - DL	HXC0030-AS	Total/NA	Solid	Increment, prep	
580-42693-118 MSD	HXC0030-AS	Total/NA	Solid	Increment, prep	
580-42693-118 MSD - DL	HXC0030-AS	Total/NA	Solid	Increment, prep	
HXC0030-78 - DL	VOA-16C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-78	VOA-16C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-79	VOA-16D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-79 - DL	VOA-16D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-80	VOA-16E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-80 - DL	VOA-16E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-81	VOA-17A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-82	VOA-17B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-83	VOA-17C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-84	VOA-17D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-85	VOA-17E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-86	VOA-18A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-87	VOA-18B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-88	VOA-18C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-89	VOA-18D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-90	VOA-18E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-91	VOA-19A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-92	VOA-19B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-93	VOA-19C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-94	VOA-19D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-95	VOA-19E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-96	VOA-20A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-97	VOA-20B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-98	VOA-20C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-98 - DL	VOA-20C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-99	VOA-20D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-99 - DL	VOA-20D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AA	VOA-20E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AB - DL	VOA-21A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AB	VOA-21A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AC	VOA-21B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AC - DL	VOA-21B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AD	VOA-21C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AD - DL	VOA-21C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AE - DL	VOA-21D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AE	VOA-21D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AF - DL	VOA-21E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AF	VOA-21E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AG	VOA-22A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AG - DL	VOA-22A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AH - DL	VOA-22B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AH	VOA-22B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AI - DL	VOA-22C	Total/NA	Solid/Soil	Increment, prep	

GC Semi VOA (Continued)

ISM Prep Batch: 155259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-AI	VOA-22C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AJ	VOA-22D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AJ - DL	VOA-22D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AK	VOA-22E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AK - DL	VOA-22E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AL - DL	VOA-23A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AL	VOA-23A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AM - DL	VOA-23B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AM	VOA-23B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AN - DL	VOA-23C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AN	VOA-23C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AO	VOA-23D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AO - DL	VOA-23D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AP - DL	VOA-23E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AP	VOA-23E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AQ - DL	VOA-24A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AQ	VOA-24A	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AR	VOA-24B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AR - DL	VOA-24B	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AS	VOA-24C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AS - DL	VOA-24C	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AT - DL	VOA-24D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AT	VOA-24D	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AU - DL	VOA-24E	Total/NA	Solid/Soil	Increment, prep	
HXC0030-AU	VOA-24E	Total/NA	Solid/Soil	Increment, prep	

Prep Batch: 156047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-78 MS	HXC0030-78	Total/NA	Solid	3550B	155259
580-42693-78 MSD	HXC0030-78	Total/NA	Solid	3550B	155259
HXC0030-78 - DL	VOA-16C	Total/NA	Solid/Soil	3550B	155259
HXC0030-78	VOA-16C	Total/NA	Solid/Soil	3550B	155259
HXC0030-79	VOA-16D	Total/NA	Solid/Soil	3550B	155259
HXC0030-79 - DL	VOA-16D	Total/NA	Solid/Soil	3550B	155259
HXC0030-80 - DL	VOA-16E	Total/NA	Solid/Soil	3550B	155259
HXC0030-80	VOA-16E	Total/NA	Solid/Soil	3550B	155259
HXC0030-81	VOA-17A	Total/NA	Solid/Soil	3550B	155259
HXC0030-82	VOA-17B	Total/NA	Solid/Soil	3550B	155259
HXC0030-83	VOA-17C	Total/NA	Solid/Soil	3550B	155259
HXC0030-84	VOA-17D	Total/NA	Solid/Soil	3550B	155259
HXC0030-85	VOA-17E	Total/NA	Solid/Soil	3550B	155259
HXC0030-86	VOA-18A	Total/NA	Solid/Soil	3550B	155259
HXC0030-87	VOA-18B	Total/NA	Solid/Soil	3550B	155259
HXC0030-88	VOA-18C	Total/NA	Solid/Soil	3550B	155259
HXC0030-89	VOA-18D	Total/NA	Solid/Soil	3550B	155259
HXC0030-90	VOA-18E	Total/NA	Solid/Soil	3550B	155259
HXC0030-91	VOA-19A	Total/NA	Solid/Soil	3550B	155259
HXC0030-92	VOA-19B	Total/NA	Solid/Soil	3550B	155259
HXC0030-93	VOA-19C	Total/NA	Solid/Soil	3550B	155259
HXC0030-94	VOA-19D	Total/NA	Solid/Soil	3550B	155259
HXC0030-95	VOA-19E	Total/NA	Solid/Soil	3550B	155259

GC Semi VOA (Continued)

Prep Batch: 156047 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-96	VOA-20A	Total/NA	Solid/Soil	3550B	155259
HXC0030-97	VOA-20B	Total/NA	Solid/Soil	3550B	155259
LCS 580-156047/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 580-156047/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 580-156047/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 156077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-98 MS	HXC0030-98	Total/NA	Solid	3550B	155259
580-42693-98 MSD	HXC0030-98	Total/NA	Solid	3550B	155259
HXC0030-98	VOA-20C	Total/NA	Solid/Soil	3550B	155259
HXC0030-98 - DL	VOA-20C	Total/NA	Solid/Soil	3550B	155259
HXC0030-99 - DL	VOA-20D	Total/NA	Solid/Soil	3550B	155259
HXC0030-99	VOA-20D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AA	VOA-20E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AB	VOA-21A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AB - DL	VOA-21A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AC - DL	VOA-21B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AC	VOA-21B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AD	VOA-21C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AD - DL	VOA-21C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AE - DL	VOA-21D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AE	VOA-21D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AF - DL	VOA-21E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AF	VOA-21E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AG - DL	VOA-22A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AG	VOA-22A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AH	VOA-22B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AH - DL	VOA-22B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AI - DL	VOA-22C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AI	VOA-22C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AJ - DL	VOA-22D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AJ	VOA-22D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AK	VOA-22E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AK - DL	VOA-22E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AL	VOA-23A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AL - DL	VOA-23A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AM	VOA-23B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AM - DL	VOA-23B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AN - DL	VOA-23C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AN	VOA-23C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AO	VOA-23D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AO - DL	VOA-23D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AP - DL	VOA-23E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AP	VOA-23E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AQ - DL	VOA-24A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AQ	VOA-24A	Total/NA	Solid/Soil	3550B	155259
HXC0030-AR - DL	VOA-24B	Total/NA	Solid/Soil	3550B	155259
HXC0030-AR	VOA-24B	Total/NA	Solid/Soil	3550B	155259
LCS 580-156077/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 580-156077/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 156077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 580-156077/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 156082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-118 MS	HXC0030-AS	Total/NA	Solid	3550B	155259
580-42693-118 MS - DL	HXC0030-AS	Total/NA	Solid	3550B	155259
580-42693-118 MSD - DL	HXC0030-AS	Total/NA	Solid	3550B	155259
580-42693-118 MSD	HXC0030-AS	Total/NA	Solid	3550B	155259
HXC0030-AS - DL	VOA-24C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AS	VOA-24C	Total/NA	Solid/Soil	3550B	155259
HXC0030-AT	VOA-24D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AT - DL	VOA-24D	Total/NA	Solid/Soil	3550B	155259
HXC0030-AU - DL	VOA-24E	Total/NA	Solid/Soil	3550B	155259
HXC0030-AU	VOA-24E	Total/NA	Solid/Soil	3550B	155259
LCS 580-156082/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 580-156082/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 580-156082/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 156153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-78 MS	HXC0030-78	Total/NA	Solid	8082	156047
580-42693-78 MS - DL	HXC0030-78	Total/NA	Solid	8082	155259
580-42693-78 MSD	HXC0030-78	Total/NA	Solid	8082	156047
580-42693-78 MSD - DL	HXC0030-78	Total/NA	Solid	8082	155259
580-42693-98 MS	HXC0030-98	Total/NA	Solid	8082	156077
580-42693-98 MSD	HXC0030-98	Total/NA	Solid	8082	156077
580-42693-118 MS	HXC0030-AS	Total/NA	Solid	8082	156082
580-42693-118 MSD	HXC0030-AS	Total/NA	Solid	8082	156082
HXC0030-78	VOA-16C	Total/NA	Solid/Soil	8082	156047
HXC0030-78 - DL	VOA-16C	Total/NA	Solid/Soil	8082	156047
HXC0030-79	VOA-16D	Total/NA	Solid/Soil	8082	156047
HXC0030-79 - DL	VOA-16D	Total/NA	Solid/Soil	8082	156047
HXC0030-80	VOA-16E	Total/NA	Solid/Soil	8082	156047
HXC0030-80 - DL	VOA-16E	Total/NA	Solid/Soil	8082	156047
HXC0030-81	VOA-17A	Total/NA	Solid/Soil	8082	156047
HXC0030-82	VOA-17B	Total/NA	Solid/Soil	8082	156047
HXC0030-83	VOA-17C	Total/NA	Solid/Soil	8082	156047
HXC0030-84	VOA-17D	Total/NA	Solid/Soil	8082	156047
HXC0030-85	VOA-17E	Total/NA	Solid/Soil	8082	156047
HXC0030-86	VOA-18A	Total/NA	Solid/Soil	8082	156047
HXC0030-87	VOA-18B	Total/NA	Solid/Soil	8082	156047
HXC0030-88	VOA-18C	Total/NA	Solid/Soil	8082	156047
HXC0030-89	VOA-18D	Total/NA	Solid/Soil	8082	156047
HXC0030-90	VOA-18E	Total/NA	Solid/Soil	8082	156047
HXC0030-98	VOA-20C	Total/NA	Solid/Soil	8082	156077
HXC0030-99	VOA-20D	Total/NA	Solid/Soil	8082	156077
HXC0030-AA	VOA-20E	Total/NA	Solid/Soil	8082	156077
HXC0030-AB	VOA-21A	Total/NA	Solid/Soil	8082	156077
HXC0030-AC	VOA-21B	Total/NA	Solid/Soil	8082	156077
HXC0030-AD	VOA-21C	Total/NA	Solid/Soil	8082	156077
HXC0030-AE	VOA-21D	Total/NA	Solid/Soil	8082	156077

GC Semi VOA (Continued)

Analysis Batch: 156153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-AF	VOA-21E	Total/NA	Solid/Soil	8082	156077
HXC0030-AG	VOA-22A	Total/NA	Solid/Soil	8082	156077
HXC0030-AH	VOA-22B	Total/NA	Solid/Soil	8082	156077
HXC0030-AI	VOA-22C	Total/NA	Solid/Soil	8082	156077
HXC0030-AJ	VOA-22D	Total/NA	Solid/Soil	8082	156077
HXC0030-AK	VOA-22E	Total/NA	Solid/Soil	8082	156077
HXC0030-AL	VOA-23A	Total/NA	Solid/Soil	8082	156077
HXC0030-AM	VOA-23B	Total/NA	Solid/Soil	8082	156077
HXC0030-AN	VOA-23C	Total/NA	Solid/Soil	8082	156077
HXC0030-AO	VOA-23D	Total/NA	Solid/Soil	8082	156077
HXC0030-AP	VOA-23E	Total/NA	Solid/Soil	8082	156077
HXC0030-AQ	VOA-24A	Total/NA	Solid/Soil	8082	156077
HXC0030-AR	VOA-24B	Total/NA	Solid/Soil	8082	156077
HXC0030-AS	VOA-24C	Total/NA	Solid/Soil	8082	156082
HXC0030-AT	VOA-24D	Total/NA	Solid/Soil	8082	156082
HXC0030-AU	VOA-24E	Total/NA	Solid/Soil	8082	156082
LCS 580-156047/2-A	Lab Control Sample	Total/NA	Solid	8082	156047
LCS 580-156077/2-A	Lab Control Sample	Total/NA	Solid	8082	156077
LCS 580-156082/2-A	Lab Control Sample	Total/NA	Solid	8082	156082
LCSD 580-156047/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	156047
LCSD 580-156077/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	156077
LCSD 580-156082/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	156082
MB 580-156047/1-A	Method Blank	Total/NA	Solid	8082	156047
MB 580-156077/1-A	Method Blank	Total/NA	Solid	8082	156077
MB 580-156082/1-A	Method Blank	Total/NA	Solid	8082	156082

Analysis Batch: 156210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-42693-98 MS - DL	HXC0030-98	Total/NA	Solid	8082	155259
580-42693-98 MSD - DL	HXC0030-98	Total/NA	Solid	8082	155259
580-42693-118 MS - DL	HXC0030-AS	Total/NA	Solid	8082	156082
580-42693-118 MSD - DL	HXC0030-AS	Total/NA	Solid	8082	156082
HXC0030-91	VOA-19A	Total/NA	Solid/Soil	8082	156047
HXC0030-92	VOA-19B	Total/NA	Solid/Soil	8082	156047
HXC0030-93	VOA-19C	Total/NA	Solid/Soil	8082	156047
HXC0030-94	VOA-19D	Total/NA	Solid/Soil	8082	156047
HXC0030-95	VOA-19E	Total/NA	Solid/Soil	8082	156047
HXC0030-96	VOA-20A	Total/NA	Solid/Soil	8082	156047
HXC0030-97	VOA-20B	Total/NA	Solid/Soil	8082	156047
HXC0030-98 - DL	VOA-20C	Total/NA	Solid/Soil	8082	156077
HXC0030-99 - DL	VOA-20D	Total/NA	Solid/Soil	8082	156077
HXC0030-AB - DL	VOA-21A	Total/NA	Solid/Soil	8082	156077
HXC0030-AC - DL	VOA-21B	Total/NA	Solid/Soil	8082	156077
HXC0030-AD - DL	VOA-21C	Total/NA	Solid/Soil	8082	156077
HXC0030-AE - DL	VOA-21D	Total/NA	Solid/Soil	8082	156077
HXC0030-AF - DL	VOA-21E	Total/NA	Solid/Soil	8082	156077
HXC0030-AG - DL	VOA-22A	Total/NA	Solid/Soil	8082	156077
HXC0030-AH - DL	VOA-22B	Total/NA	Solid/Soil	8082	156077
HXC0030-AI - DL	VOA-22C	Total/NA	Solid/Soil	8082	156077
HXC0030-AJ - DL	VOA-22D	Total/NA	Solid/Soil	8082	156077
HXC0030-AK - DL	VOA-22E	Total/NA	Solid/Soil	8082	156077

GC Semi VOA (Continued)

Analysis Batch: 156210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0030-AL - DL	VOA-23A	Total/NA	Solid/Soil	8082	156077
HXC0030-AM - DL	VOA-23B	Total/NA	Solid/Soil	8082	156077
HXC0030-AN - DL	VOA-23C	Total/NA	Solid/Soil	8082	156077
HXC0030-AO - DL	VOA-23D	Total/NA	Solid/Soil	8082	156077
HXC0030-AP - DL	VOA-23E	Total/NA	Solid/Soil	8082	156077
HXC0030-AQ - DL	VOA-24A	Total/NA	Solid/Soil	8082	156077
HXC0030-AR - DL	VOA-24B	Total/NA	Solid/Soil	8082	156077
HXC0030-AS - DL	VOA-24C	Total/NA	Solid/Soil	8082	156082
HXC0030-AT - DL	VOA-24D	Total/NA	Solid/Soil	8082	156082
HXC0030-AU - DL	VOA-24E	Total/NA	Solid/Soil	8082	156082

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-1A — Lab Sample ID: HXC0030-01

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25575	03/26/14 12:39	NMI	TAL PRT

Client Sample ID: VOA-1B — Lab Sample ID: HXC0030-02

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25575	03/26/14 13:00	NMI	TAL PRT

Client Sample ID: VOA-1C — Lab Sample ID: HXC0030-03

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		10	25575	03/26/14 13:20	NMI	TAL PRT

Client Sample ID: VOA-1D — Lab Sample ID: HXC0030-04

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25575	03/26/14 13:41	NMI	TAL PRT

Client Sample ID: VOA-1E — Lab Sample ID: HXC0030-05

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		20	25575	03/26/14 14:02	NMI	TAL PRT

Client Sample ID: VOA-2A — Lab Sample ID: HXC0030-06

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25575	03/26/14 14:22	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-2B — Lab Sample ID: HXC0030-07

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25575	03/26/14 14:43	NMI	TAL PRT

Client Sample ID: VOA-2C — Lab Sample ID: HXC0030-08

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		100	25575	03/26/14 15:03	NMI	TAL PRT

Client Sample ID: VOA-2D — Lab Sample ID: HXC0030-09

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25575	03/26/14 15:24	NMI	TAL PRT

Client Sample ID: VOA-2E — Lab Sample ID: HXC0030-10

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25575	03/26/14 15:45	NMI	TAL PRT

Client Sample ID: VOA-3A — Lab Sample ID: HXC0030-11

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		4000	25575	03/26/14 19:03	NMI	TAL PRT

Client Sample ID: VOA-3B — Lab Sample ID: HXC0030-12

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25571	03/26/14 12:39	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-3C — Lab Sample ID: HXC0030-13

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25575	03/26/14 17:12	NMI	TAL PRT

Client Sample ID: VOA-3D — Lab Sample ID: HXC0030-14

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		200	25571	03/26/14 13:20	NMI	TAL PRT

Client Sample ID: VOA-3E — Lab Sample ID: HXC0030-15

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25575	03/26/14 17:32	NMI	TAL PRT

Client Sample ID: VOA-4A — Lab Sample ID: HXC0030-16

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		10000	25575	03/26/14 17:53	NMI	TAL PRT

Client Sample ID: VOA-4B — Lab Sample ID: HXC0030-17

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25571	03/26/14 17:12	NMI	TAL PRT

Client Sample ID: VOA-4C — Lab Sample ID: HXC0030-18

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25603	03/27/14 11:55	NMI	TAL PRT

Client Sample ID: VOA-4D — Lab Sample ID: HXC0030-19

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		10000	25571	03/26/14 17:53	NMI	TAL PRT

Client Sample ID: VOA-4E — Lab Sample ID: HXC0030-20

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		100000	25571	03/26/14 19:03	NMI	TAL PRT

Client Sample ID: VOA-5A — Lab Sample ID: HXC0030-21

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25524	03/25/14 11:10	CAD	TAL PRT
Total/NA	Analysis	8082		400	25571	03/26/14 17:32	NMI	TAL PRT

Client Sample ID: VOA-5B — Lab Sample ID: HXC0030-22

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25575	03/26/14 19:44	NMI	TAL PRT

Client Sample ID: VOA-5C — Lab Sample ID: HXC0030-23

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25575	03/26/14 20:04	NMI	TAL PRT

Client Sample ID: VOA-5D — Lab Sample ID: HXC0030-24

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25575	03/26/14 20:25	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-5E — Lab Sample ID: HXC0030-25

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25575	03/26/14 20:46	NMI	TAL PRT

Client Sample ID: VOA-6A — Lab Sample ID: HXC0030-26

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25571	03/26/14 19:23	NMI	TAL PRT

Client Sample ID: VOA-6B — Lab Sample ID: HXC0030-27

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25571	03/26/14 19:44	NMI	TAL PRT

Client Sample ID: VOA-6C — Lab Sample ID: HXC0030-28

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25571	03/26/14 20:04	NMI	TAL PRT

Client Sample ID: VOA-6D — Lab Sample ID: HXC0030-29

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25571	03/26/14 20:25	NMI	TAL PRT

Client Sample ID: VOA-6E — Lab Sample ID: HXC0030-30

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25571	03/26/14 20:46	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-7A — Lab Sample ID: HXC0030-31

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25575	03/26/14 21:27	NMI	TAL PRT

Client Sample ID: VOA-7B — Lab Sample ID: HXC0030-32

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25575	03/26/14 21:48	NMI	TAL PRT

Client Sample ID: VOA-7C — Lab Sample ID: HXC0030-33

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25575	03/26/14 22:08	NMI	TAL PRT

Client Sample ID: VOA-7D — Lab Sample ID: HXC0030-34

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25575	03/26/14 21:06	NMI	TAL PRT

Client Sample ID: VOA-7E — Lab Sample ID: HXC0030-35

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25571	03/26/14 21:06	NMI	TAL PRT

Client Sample ID: VOA-8A — Lab Sample ID: HXC0030-36

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25571	03/26/14 21:27	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-8B — Lab Sample ID: HXC0030-37

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		1	25575	03/26/14 22:49	NMI	TAL PRT

Client Sample ID: VOA-8C — Lab Sample ID: HXC0030-38

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		5	25609	03/27/14 14:40	NMI	TAL PRT

Client Sample ID: VOA-8D — Lab Sample ID: HXC0030-39

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		2	25603	03/27/14 12:16	NMI	TAL PRT

Client Sample ID: VOA-8E — Lab Sample ID: HXC0030-40

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		2	25603	03/27/14 12:36	NMI	TAL PRT

Client Sample ID: VOA-9A — Lab Sample ID: HXC0030-41

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25603	03/27/14 12:57	NMI	TAL PRT

Client Sample ID: VOA-9B — Lab Sample ID: HXC0030-42

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25603	03/27/14 13:18	NMI	TAL PRT

Client Sample ID: VOA-9C — Lab Sample ID: HXC0030-43

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		40	25603	03/27/14 13:38	NMI	TAL PRT

Client Sample ID: VOA-9D — Lab Sample ID: HXC0030-44

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25603	03/27/14 13:59	NMI	TAL PRT

Client Sample ID: VOA-9E — Lab Sample ID: HXC0030-45

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25603	03/27/14 14:19	NMI	TAL PRT

Client Sample ID: VOA-10A — Lab Sample ID: HXC0030-46

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25603	03/27/14 14:40	NMI	TAL PRT

Client Sample ID: VOA-10B — Lab Sample ID: HXC0030-47

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 11:55	NMI	TAL PRT

Client Sample ID: VOA-10C — Lab Sample ID: HXC0030-48

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 12:16	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-10D — Lab Sample ID: HXC0030-49

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 12:36	NMI	TAL PRT

Client Sample ID: VOA-10E — Lab Sample ID: HXC0030-50

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 12:57	NMI	TAL PRT

Client Sample ID: VOA-11A — Lab Sample ID: HXC0030-51

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 13:18	NMI	TAL PRT

Client Sample ID: VOA-11B — Lab Sample ID: HXC0030-52

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		100	25609	03/27/14 13:38	NMI	TAL PRT

Client Sample ID: VOA-11C — Lab Sample ID: HXC0030-53

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 13:59	NMI	TAL PRT

Client Sample ID: VOA-11D — Lab Sample ID: HXC0030-54

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 14:19	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-11E — Lab Sample ID: HXC0030-55

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		1000	25603	03/27/14 15:00	NMI	TAL PRT

Client Sample ID: VOA-12A — Lab Sample ID: HXC0030-56

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		10000	25609	03/28/14 08:47	NMI	TAL PRT

Client Sample ID: VOA-12B — Lab Sample ID: HXC0030-57

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		10000	25609	03/28/14 09:12	NMI	TAL PRT

Client Sample ID: VOA-12C — Lab Sample ID: HXC0030-58

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		20000	25651	03/28/14 20:06	NMI	TAL PRT

Client Sample ID: VOA-12D — Lab Sample ID: HXC0030-59

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		20000	25651	03/28/14 20:27	NMI	TAL PRT

Client Sample ID: VOA-12E — Lab Sample ID: HXC0030-60

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25647	03/28/14 20:06	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-13A — Lab Sample ID: HXC0030-61

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		20	25651	03/28/14 20:47	NMI	TAL PRT

Client Sample ID: VOA-13B — Lab Sample ID: HXC0030-62

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		10	25647	03/28/14 20:27	NMI	TAL PRT

Client Sample ID: VOA-13C — Lab Sample ID: HXC0030-63

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		20	25651	03/28/14 21:08	NMI	TAL PRT

Client Sample ID: VOA-13D — Lab Sample ID: HXC0030-64

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		2	25647	03/28/14 20:47	NMI	TAL PRT

Client Sample ID: VOA-13E — Lab Sample ID: HXC0030-65

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		1	25651	03/28/14 19:25	NMI	TAL PRT

Client Sample ID: VOA-14A — Lab Sample ID: HXC0030-66

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		2	25647	03/28/14 21:08	NMI	TAL PRT

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-14B — Lab Sample ID: HXC0030-67

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		1	25651	03/28/14 19:46	NMI	TAL PRT

Client Sample ID: VOA-14C — Lab Sample ID: HXC0030-68

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		2	25647	03/28/14 21:28	NMI	TAL PRT

Client Sample ID: VOA-14D — Lab Sample ID: HXC0030-69

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		2	25651	03/28/14 21:28	NMI	TAL PRT

Client Sample ID: VOA-14E — Lab Sample ID: HXC0030-70

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		5	25647	03/28/14 21:49	NMI	TAL PRT

Client Sample ID: VOA-15A — Lab Sample ID: HXC0030-71

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25647	03/28/14 17:15	NMI	TAL PRT

Client Sample ID: VOA-15B — Lab Sample ID: HXC0030-72

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25651	03/28/14 17:35	NMI	TAL PRT

Client Sample ID: VOA-15C — Lab Sample ID: HXC0030-73

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		20	25651	03/28/14 21:49	NMI	TAL PRT

Client Sample ID: VOA-15D — Lab Sample ID: HXC0030-74

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25651	03/28/14 17:55	NMI	TAL PRT

Client Sample ID: VOA-15E — Lab Sample ID: HXC0030-75

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25647	03/28/14 17:55	NMI	TAL PRT

Client Sample ID: VOA-16A — Lab Sample ID: HXC0030-76

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25651	03/28/14 18:16	NMI	TAL PRT

Client Sample ID: VOA-16B — Lab Sample ID: HXC0030-77

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25632	03/28/14 11:22	CAD	TAL PRT
Total/NA	Analysis	8082		200	25647	03/28/14 18:16	NMI	TAL PRT

Client Sample ID: VOA-16C — Lab Sample ID: HXC0030-78

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 14:21	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-16C — Lab Sample ID: HXC0030-78

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156153	03/31/14 21:58	EKK	TAL SEA

Client Sample ID: VOA-16D — Lab Sample ID: HXC0030-79

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 15:01	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156153	03/31/14 20:38	EKK	TAL SEA

Client Sample ID: VOA-16E — Lab Sample ID: HXC0030-80

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 15:14	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156153	03/31/14 20:51	EKK	TAL SEA

Client Sample ID: VOA-17A — Lab Sample ID: HXC0030-81

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 15:27	EKK	TAL SEA

Client Sample ID: VOA-17B — Lab Sample ID: HXC0030-82

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-17B — Lab Sample ID: HXC0030-82

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		100	156153	03/31/14 15:41	EKK	TAL SEA

Client Sample ID: VOA-17C — Lab Sample ID: HXC0030-83

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 16:51	EKK	TAL SEA

Client Sample ID: VOA-17D — Lab Sample ID: HXC0030-84

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 17:04	EKK	TAL SEA

Client Sample ID: VOA-17E — Lab Sample ID: HXC0030-85

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 17:18	EKK	TAL SEA

Client Sample ID: VOA-18A — Lab Sample ID: HXC0030-86

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 17:31	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-18B — Lab Sample ID: HXC0030-87

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 17:44	EKK	TAL SEA

Client Sample ID: VOA-18C — Lab Sample ID: HXC0030-88

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 17:58	EKK	TAL SEA

Client Sample ID: VOA-18D — Lab Sample ID: HXC0030-89

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 18:11	EKK	TAL SEA

Client Sample ID: VOA-18E — Lab Sample ID: HXC0030-90

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		100	156153	03/31/14 18:51	EKK	TAL SEA

Client Sample ID: VOA-19A — Lab Sample ID: HXC0030-91

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156210	04/01/14 09:53	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-19B — Lab Sample ID: HXC0030-92

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156210	04/01/14 10:06	EKK	TAL SEA

Client Sample ID: VOA-19C — Lab Sample ID: HXC0030-93

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156210	04/01/14 10:20	EKK	TAL SEA

Client Sample ID: VOA-19D — Lab Sample ID: HXC0030-94

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156210	04/01/14 10:33	EKK	TAL SEA

Client Sample ID: VOA-19E — Lab Sample ID: HXC0030-95

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156210	04/01/14 10:46	EKK	TAL SEA

Client Sample ID: VOA-20A — Lab Sample ID: HXC0030-96

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		10	156210	04/01/14 11:00	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-20B — Lab Sample ID: HXC0030-97

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156047	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		10	156210	04/01/14 11:13	EKK	TAL SEA

Client Sample ID: VOA-20C — Lab Sample ID: HXC0030-98

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 22:38	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	10	156210	04/01/14 11:26	EKK	TAL SEA

Client Sample ID: VOA-20D — Lab Sample ID: HXC0030-99

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 23:18	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 12:33	EKK	TAL SEA

Client Sample ID: VOA-20E — Lab Sample ID: HXC0030-AA

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	03/31/14 23:58	EKK	TAL SEA

Client Sample ID: VOA-21A — Lab Sample ID: HXC0030-AB

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-21A

Lab Sample ID: HXC0030-AB
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1	156153	04/01/14 00:12	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	1000	156210	04/01/14 12:47	EKK	TAL SEA

Client Sample ID: VOA-21B

Lab Sample ID: HXC0030-AC
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 00:25	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	1000	156210	04/01/14 13:00	EKK	TAL SEA

Client Sample ID: VOA-21C

Lab Sample ID: HXC0030-AD
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 00:38	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 13:13	EKK	TAL SEA

Client Sample ID: VOA-21D

Lab Sample ID: HXC0030-AE
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 00:52	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	5000	156210	04/01/14 13:27	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-21E

Lab Sample ID: HXC0030-AF

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 01:05	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	500	156210	04/01/14 13:40	EKK	TAL SEA

Client Sample ID: VOA-22A

Lab Sample ID: HXC0030-AG

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 01:18	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	500	156210	04/01/14 13:53	EKK	TAL SEA

Client Sample ID: VOA-22B

Lab Sample ID: HXC0030-AH

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 01:32	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	500	156210	04/01/14 14:07	EKK	TAL SEA

Client Sample ID: VOA-22C

Lab Sample ID: HXC0030-AI

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 01:45	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	1000	156210	04/01/14 14:20	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-22D

Lab Sample ID: HXC0030-AJ

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 01:58	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	1000	156210	04/01/14 14:33	EKK	TAL SEA

Client Sample ID: VOA-22E

Lab Sample ID: HXC0030-AK

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 02:39	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	1000	156210	04/01/14 15:14	EKK	TAL SEA

Client Sample ID: VOA-23A

Lab Sample ID: HXC0030-AL

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 02:52	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 15:27	EKK	TAL SEA

Client Sample ID: VOA-23B

Lab Sample ID: HXC0030-AM

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 03:05	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 15:40	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-23C — Lab Sample ID: HXC0030-AN

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 03:19	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 15:54	EKK	TAL SEA

Client Sample ID: VOA-23D — Lab Sample ID: HXC0030-AO

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 03:32	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 16:09	EKK	TAL SEA

Client Sample ID: VOA-23E — Lab Sample ID: HXC0030-AP

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 03:45	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 16:22	EKK	TAL SEA

Client Sample ID: VOA-24A — Lab Sample ID: HXC0030-AQ

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 03:59	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 16:35	EKK	TAL SEA

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Client Sample ID: VOA-24B

Lab Sample ID: HXC0030-AR

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B			156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 04:12	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:08	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156077	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 16:49	EKK	TAL SEA

Client Sample ID: VOA-24C

Lab Sample ID: HXC0030-AS

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B			156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 05:19	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	5000	156210	04/01/14 17:55	EKK	TAL SEA

Client Sample ID: VOA-24D

Lab Sample ID: HXC0030-AT

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B			156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 04:25	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	500	156210	04/01/14 17:02	EKK	TAL SEA

Client Sample ID: VOA-24E

Lab Sample ID: HXC0030-AU

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep			155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B			156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082		1	156153	04/01/14 04:39	EKK	TAL SEA
Total/NA	ISM Prep	Increment, prep	DL		155259	03/17/14 11:11	HJM	TAL SEA
Total/NA	Prep	3550B	DL		156082	03/31/14 07:30	RBL	TAL SEA
Total/NA	Analysis	8082	DL	100	156210	04/01/14 17:15	EKK	TAL SEA

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Portland

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-012	12-26-13 *
California	State Program	9	2597	09-30-15
Oregon	NELAP	10	OR100021	01-09-15
USDA	Federal		P330-11-00092	02-17-14 *
Washington	State Program	10	C586	06-23-14

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14 *
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-15

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

Method Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0030

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL SEA
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PRT

Protocol References:

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

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

HXC0030

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			Job / SDG No.:
Site: Maili, O'ahu	☐ 2 days			
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-1A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-01
VOA-1B	3/5/2014	11:30am	G	Soil	1		Y	X	-02
VOA-1C	3/5/2014	11:30am	G	Soil	1		Y	X	-03
VOA-1D	3/5/2014	11:30am	G	Soil	1		Y	X	-04
VOA-1E	3/5/2014	11:30am	G	Soil	1		Y	X	-05
VOA-2A	3/5/2014	11:30am	G	Soil	1		Y	X	-06
VOA-2B	3/5/2014	11:30am	G	Soil	1		Y	X	-07
VOA-2C	3/5/2014	11:30am	G	Soil	1		Y	X	-08
VOA-2D	3/5/2014	11:30am	G	Soil	1		Y	X	-09
VOA-2E	3/5/2014	11:30am	G	Soil	1		Y	X	-10
VOA-3A	3/5/2014	11:30am	G	Soil	1		Y	X	-11
VOA-3B	3/5/2014	11:30am	G	Soil	1		Y	X	-12
VOA-3C	3/5/2014	11:30am	G	Soil	1		Y	X	-13
VOA-3D	3/5/2014	11:30am	G	Soil	1		Y	X	-14
VOA-3E	3/5/2014	11:30am	G	Soil	1		Y	X	-15

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Kristie Reilly	TA Hon	3/10/14 10:10 AM
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

24°C intact no ice.

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

HXC0030

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-4A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-16
VOA-4B	3/5/2014	11:30am	G	Soil	1		Y	X	-17
VOA-4C	3/5/2014	11:30am	G	Soil	1		Y	X	-18
VOA-4D	3/5/2014	11:30am	G	Soil	1		Y	X	-19
VOA-4E	3/5/2014	11:30am	G	Soil	1		Y	X	-20
VOA-5A	3/5/2014	11:30am	G	Soil	1		Y	X	-21
VOA-5B	3/5/2014	11:30am	G	Soil	1		Y	X	-22
VOA-5C	3/5/2014	11:30am	G	Soil	1		Y	X	-23
VOA-5D	3/5/2014	11:30am	G	Soil	1		Y	X	-24
VOA-5E	3/5/2014	11:30am	G	Soil	1		Y	X	-25
VOA-6A	3/5/2014	11:30am	G	Soil	1		Y	X	-26
VOA-6B	3/5/2014	11:30am	G	Soil	1		Y	X	-27
VOA-6C	3/5/2014	11:30am	G	Soil	1		Y	X	-28
VOA-6D	3/5/2014	11:30am	G	Soil	1		Y	X	-29
VOA-6E	3/5/2014	11:30am	G	Soil	1		Y	X	-30

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	Kristie Reilly	TA Hon	3/10/14 10:10AM 24°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Custody Seal No.:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	3 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-7A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030 -31
VOA-7B	3/5/2014	11:30am	G	Soil	1		Y	X	-32
VOA-7C	3/5/2014	11:30am	G	Soil	1		Y	X	-33
VOA-7D	3/5/2014	11:30am	G	Soil	1		Y	X	-34
VOA-7E	3/5/2014	11:30am	G	Soil	1		Y	X	-35
VOA-8A	3/5/2014	11:30am	G	Soil	1		Y	X	-36
VOA-8B	3/5/2014	11:30am	G	Soil	1		Y	X	-37 KR 3/10/14
VOA-8C	3/5/2014	11:30am	G	Soil	1		Y	X	-38
VOA-8D	3/5/2014	11:30am	G	Soil	1		Y	X	-39
VOA-8E	3/5/2014	11:30am	G	Soil	1		Y	X	-40
VOA-9A	3/5/2014	11:30am	G	Soil	1		Y	X	-41
VOA-9B	3/5/2014	11:30am	G	Soil	1		Y	X	-42
VOA-9C	3/5/2014	11:30am	G	Soil	1		Y	X	-43
VOA-9D	3/5/2014	11:30am	G	Soil	1		Y	X	-44
VOA-9E	3/5/2014	11:30am	G	Soil	1		Y	X	-45

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	10am 3/4/14	Krishe Reilly [signature]	TA Hon	3/10/14 1010 24°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	4 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-10A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-46
VOA-10B	3/5/2014	11:30am	G	Soil	1		Y	X	-47
VOA-10C	3/5/2014	11:30am	G	Soil	1		Y	X	-48
VOA-10D	3/5/2014	11:30am	G	Soil	1		Y	X	-49
VOA-10E	3/5/2014	11:30am	G	Soil	1		Y	X	-50
VOA-11A	3/5/2014	11:30am	G	Soil	1		Y	X	-51
VOA-11B	3/5/2014	11:30am	G	Soil	1		Y	X	-52
VOA-11C	3/5/2014	11:30am	G	Soil	1		Y	X	-53
VOA-11D	3/5/2014	11:30am	G	Soil	1		Y	X	-54
VOA-11E	3/5/2014	11:30am	G	Soil	1		Y	X	-55
VOA-12A	3/5/2014	11:30am	G	Soil	1		Y	X	-56
VOA-12B	3/5/2014	11:30am	G	Soil	1		Y	X	-57
VOA-12C	3/5/2014	11:30am	G	Soil	1		Y	X	-58
VOA-12D	3/5/2014	11:30am	G	Soil	1		Y	X	-59
VOA-12E	3/5/2014	11:30am	G	Soil	1		Y	X	-60

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	K. Reilly	TA Hon	3/10/14 10:10 24°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	5 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-13A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-61
VOA-13B	3/5/2014	11:30am	G	Soil	1		Y	X	-62
VOA-13C	3/5/2014	11:30am	G	Soil	1		Y	X	-63
VOA-13D	3/5/2014	11:30am	G	Soil	1		Y	X	-64
VOA-13E	3/5/2014	11:30am	G	Soil	1		Y	X	-65
VOA-14B	3/5/2014	11:30am	G	Soil	1		Y	X	-66
VOA-14B	3/5/2014	11:30am	G	Soil	1		Y	X	-67
VOA-14C	3/5/2014	11:30am	G	Soil	1		Y	X	-68
VOA-14D	3/5/2014	11:30am	G	Soil	1		Y	X	-69
VOA-14E	3/5/2014	11:30am	G	Soil	1		Y	X	-70
VOA-15A	3/5/2014	11:30am	G	Soil	1		Y	X	-71
VOA-15B	3/5/2014	11:30am	G	Soil	1		Y	X	-72
VOA-15C	3/5/2014	11:30am	G	Soil	1		Y	X	-73
VOA-15D	3/5/2014	11:30am	G	Soil	1		Y	X	-74
VOA-15E	3/5/2014	11:30am	G	Soil	1		Y	X	-75

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10am	K. Reilly	TA Hon	3/10/14 10:10 24°C no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Custody Seal No.:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	6 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-16A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-76
VOA-16B	3/5/2014	11:30am	G	Soil	1		Y	X	-77
VOA-16C	3/5/2014	11:30am	G	Soil	1		Y	X	-78
VOA-16D	3/5/2014	11:30am	G	Soil	1		Y	X	79
VOA-16E	3/5/2014	11:30am	G	Soil	1		Y	X	-80
VOA-17A	3/5/2014	11:30am	G	Soil	1		Y	X	-81
VOA-17B	3/5/2014	11:30am	G	Soil	1		Y	X	-82
VOA-17C	3/5/2014	11:30am	G	Soil	1		Y	X	-83
VOA-17D	3/5/2014	11:30am	G	Soil	1		Y	X	-84
VOA-17E	3/5/2014	11:30am	G	Soil	1		Y	X	-85
VOA-18A	3/5/2014	11:30am	G	Soil	1		Y	X	-86
VOA-18B	3/5/2014	11:30am	G	Soil	1		Y	X	-87
VOA-18C	3/5/2014	11:30am	G	Soil	1		Y	X	-88
VOA-18D	3/5/2014	11:30am	G	Soil	1		Y	X	-89
VOA-18E	3/5/2014	11:30am	G	Soil	1		Y	X	-90

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/10/14 10:00	O'Reilly	TA Hon	3/10/14 10:10 24°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	7 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-19A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-91
VOA-19B	3/5/2014	11:30am	G	Soil	1		Y	X	-92
VOA-19C	3/5/2014	11:30am	G	Soil	1		Y	X	-93
VOA-19D	3/5/2014	11:30am	G	Soil	1		Y	X	-94
VOA-19E	3/5/2014	11:30am	G	Soil	1		Y	X	-95
VOA-20A	3/5/2014	11:30am	G	Soil	1		Y	X	-96
VOA-20B	3/5/2014	11:30am	G	Soil	1		Y	X	-97
VOA-20C	3/5/2014	11:30am	G	Soil	1		Y	X	-98
VOA-20D	3/5/2014	11:30am	G	Soil	1		Y	X	-99
VOA-20E	3/5/2014	11:30am	G	Soil	1		Y	X	-AA
VOA-21A	3/5/2014	11:30am	G	Soil	1		Y	X	-AB
VOA-21B	3/5/2014	11:30am	G	Soil	1		Y	X	-AC
VOA-21C	3/5/2014	11:30am	G	Soil	1		Y	X	-AD
VOA-21D	3/5/2014	11:30am	G	Soil	1		Y	X	-AE
VOA-21E	3/5/2014	11:30am	G	Soil	1		Y	X	-AF

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HBUH	3/10/14 10am	K. Reilly [signature]	TA Hon	3/10/14 10:10 24°C intact no ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0030

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	8 of 8 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-22A	3/5/2014	11:30am	G	Soil	1		Y	X	HXC0030-AG
VOA-22B	3/5/2014	11:30am	G	Soil	1		Y	X	-AH
VOA-22C	3/5/2014	11:30am	G	Soil	1		Y	X	-AI
VOA-22D	3/5/2014	11:30am	G	Soil	1		Y	X	-AJ
VOA-22E	3/5/2014	11:30am	G	Soil	1		Y	X	-AK
VOA-23A	3/5/2014	11:30am	G	Soil	1		Y	X	-AL
VOA-23B	3/5/2014	11:30am	G	Soil	1		Y	X	-AM
VOA-23C	3/5/2014	11:30am	G	Soil	1		Y	X	-AN
VOA-23D	3/5/2014	11:30am	G	Soil	1		Y	X	-AO
VOA-23E	3/5/2014	11:30am	G	Soil	1		Y	X	-AP
VOA-24A	3/5/2014	11:30am	G	Soil	1		Y	X	-AQ
VOA-24B	3/5/2014	11:30am	G	Soil	1		Y	X	-AR
VOA-24C	3/5/2014	11:30am	G	Soil	1		Y	X	-AS
VOA-24D	3/5/2014	11:30am	G	Soil	1		Y	X	-AT
VOA-24E	3/5/2014	11:30am	G	Soil	1		Y	X	-AU

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HPOIT	10am 3/10/14	K. Reilly	TA Hon	3/10/14 10:10 24°C intact 020 ice.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: HDOH HEER **Date/ Time Received:** 3/10/14 10:10

Received By: Kristie Reilly

Matrices: soil **Carrier:** client. **Airbill# :**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☐	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 24 °C

Comments/ Sampling Handling Notes:

Two samples listed as: VOA-14B and none VOA-14A

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXC0027
Client Project/Site: [none]
Client Project Description: PCB in soil Maili VOA

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
4/3/2014 3:16:58 PM
Jimson E. Carr, Service Center Manager
Jimson.Carr@testamericainc.com

Designee for

Kristie Reilly, Project Manager
808-486-5227
Kristie.Brachmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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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Method Summary 14
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Definitions/Glossary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Job ID: HXC0027

Laboratory: TestAmerica Honolulu

Narrative

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 24 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Narrative

Receipt
The samples were received on 3/12/2014 10:20 AM; the samples arrived in good condition. The temperatures of the 2 coolers at receipt time were 19.6º C and 21.0º C.

GC Semi VOA - Method(s) 8082
Samples HXC0027-01 (580-42707-1), HXC0027-02 (580-42707-2) and HXC0027-03 (580-42707-3) required a dilution due to the nature of the sample matrix. As a result of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. The data have been "X" qualified and reported.

The batch native sample was diluted due to high target analytes. The dilution is sufficient that the spike/surrogate recoveries in the MS/MSD would not provide useful information and as a result the MS/MSD had not been analyzed. Batch QC validation is based on acceptable spike/surrogate recoveries in the LCS.

The method blank for analysis batch 250-25571 contained Aroclor 1260 above the reporting limit (RL). All associated samples were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXC0027-01	VOA-MISA	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0027-02	VOA-MISB	Solid/Soil	03/05/14 11:30	03/10/14 10:10
HXC0027-03	VOA-MISC	Solid/Soil	03/05/14 11:30	03/10/14 10:10

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Client Sample ID: VOA-MISA — Lab Sample ID: HXC0027-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270		16		mg/Kg	2000		8082	Total/NA

Client Sample ID: VOA-MISB — Lab Sample ID: HXC0027-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24	B	1.6		mg/Kg	200		8082	Total/NA

Client Sample ID: VOA-MISC — Lab Sample ID: HXC0027-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	19	B	1.6		mg/Kg	200		8082	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Client Sample ID: VOA-MISA

Lab Sample ID: HXC0027-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1221	ND		32		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1232	ND		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1242	ND		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1248	ND		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1254	ND		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000
PCB-1260	**270**		16		mg/Kg		03/25/14 11:52	03/27/14 16:01	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*510*	*X*	*15 - 150*	*03/25/14 11:52*	*03/27/14 16:01*	*2000*

Client Sample ID: VOA-MISB

Lab Sample ID: HXC0027-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1221	ND		3.2		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200
PCB-1260	**24**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 15:41	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*263*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 15:41*	*200*

Client Sample ID: VOA-MISC

Lab Sample ID: HXC0027-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1221	ND		3.3		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1232	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1242	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1248	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1254	ND		1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200
PCB-1260	**19**	**B**	1.6		mg/Kg		03/26/14 10:14	03/27/14 16:22	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*209*	*X*	*15 - 150*	*03/26/14 10:14*	*03/27/14 16:22*	*200*

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCB1 (15-150)							
LCS 250-25527/2-A	Lab Control Sample	96							
LCS 250-25554/2-A	Lab Control Sample	94							
MB 250-25527/1-A	Method Blank	93							
MB 250-25554/1-A	Method Blank	94							

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCB1 (15-150)							
HXC0027-01	VOA-MISA	510 X							
HXC0027-02	VOA-MISB	263 X							
HXC0027-03	VOA-MISC	209 X							

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

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

Lab Sample ID: MB 250-25527/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25527**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1221	ND		0.017		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1232	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1242	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1248	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1254	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1
PCB-1260	ND		0.0083		mg/Kg		03/25/14 11:52	03/27/14 01:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*15 - 150*	*03/25/14 11:52*	*03/27/14 01:33*	*1*

Lab Sample ID: LCS 250-25527/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25527**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0656	0.0630		mg/Kg		96	50 - 150
PCB-1260	0.0656	0.0747		mg/Kg		114	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*96*		*15 - 150*

Lab Sample ID: MB 250-25554/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25554**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1221	ND		0.017		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1232	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1242	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1248	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1254	ND		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1
PCB-1260	0.0129		0.0083		mg/Kg		03/26/14 10:14	03/26/14 21:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*15 - 150*	*03/26/14 10:14*	*03/26/14 21:48*	*1*

Lab Sample ID: LCS 250-25554/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 25571 — **Prep Batch: 25554**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.0661	0.0593		mg/Kg		90	50 - 150
PCB-1260	0.0661	0.0604		mg/Kg		91	50 - 150

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

Lab Sample ID: LCS 250-25554/2-A
Matrix: Solid
Analysis Batch: 25571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25554

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*94*		*15 - 150*

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

GC Semi VOA

Prep Batch: 25527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0027-01	VOA-MISA	Total/NA	Solid/Soil	3550B	
LCS 250-25527/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25527/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0027-02	VOA-MISB	Total/NA	Solid/Soil	3550B	
HXC0027-03	VOA-MISC	Total/NA	Solid/Soil	3550B	
LCS 250-25554/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 250-25554/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 25571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 250-25527/2-A	Lab Control Sample	Total/NA	Solid	8082	25527
LCS 250-25554/2-A	Lab Control Sample	Total/NA	Solid	8082	25554
MB 250-25527/1-A	Method Blank	Total/NA	Solid	8082	25527
MB 250-25554/1-A	Method Blank	Total/NA	Solid	8082	25554

Analysis Batch: 25609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
HXC0027-01	VOA-MISA	Total/NA	Solid/Soil	8082	25527
HXC0027-02	VOA-MISB	Total/NA	Solid/Soil	8082	25554
HXC0027-03	VOA-MISC	Total/NA	Solid/Soil	8082	25554

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Client Sample ID: VOA-MISA

Lab Sample ID: HXC0027-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25527	03/25/14 11:52	CAD	TAL PRT
Total/NA	Analysis	8082		2000	25609	03/27/14 16:01	NMI	TAL PRT

Client Sample ID: VOA-MISB

Lab Sample ID: HXC0027-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 15:41	NMI	TAL PRT

Client Sample ID: VOA-MISC

Lab Sample ID: HXC0027-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 03/10/14 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25554	03/26/14 10:14	CAD	TAL PRT
Total/NA	Analysis	8082		200	25609	03/27/14 16:22	NMI	TAL PRT

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

Certification Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Portland

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-012	12-26-13 *
California	State Program	9	2597	09-30-15
Oregon	NELAP	10	OR100021	01-09-15
USDA	Federal		P330-11-00092	02-17-14 *
Washington	State Program	10	C586	06-23-14

Laboratory: TestAmerica Seattle

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-022	03-04-14 *
California	NELAP	9	01115CA	01-31-14 *
California	State Program	9	2901	01-31-15
L-A-B	DoD ELAP		L2236	01-19-16
L-A-B	ISO/IEC 17025		L2236	01-19-16
Montana (UST)	State Program	8	N/A	04-30-20
Oregon	NELAP	10	WA100007	11-06-14
USDA	Federal		P330-11-00222	05-20-14
Washington	State Program	10	C553	02-17-15

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

Method Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXC0027

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PRT

Protocol References:

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

Laboratory References:

TAL PRT = TestAmerica Portland, 9405 SW Nimbus Ave., Beaverton, OR 97008, TEL (503)906-9200

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0027

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 1 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes:
VOA-MISA	3/5/2014	11:30am	MIS	Soil	1		Y	X	HXC0027-01
VOA-MISB	3/5/2014	11:30am	MIS	Soil	1		Y	X	-02
VOA-MISC	3/5/2014	11:30am	MIS	Soil	1		Y	X	-03

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
***Process samples using Multi-Increment Sample SOP.**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	3/10/14 10am	Kristie Reilly [signature]	TA Hon	3/10/14 10:10 24°C intact no PC.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: HDOH HEER **Date/ Time Received:** 3/10/14 10:10

Received By: Kristie Reilly

Matrices: soil **Carrier:** client. **Airbill# :**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☐	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 24 °C

Comments/ Sampling Handling Notes:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Honolulu
1946 Young St. Suite 400A
Honolulu, HI 96826
Tel: 808-486-5227

TestAmerica Job ID: HXD0044
Client Project/Site: [none]
Client Project Description: PCB in soil Maili VOA

For:
Department of Health, HEER Office
919 Ala Moana Boulevard, Room 206
Honolulu, HI 96814

Attn: Roger Brewer

Authorized for release by:
4/23/2014 6:53:12 PM

Jimson E. Carr, Service Center Manager
808-486-5227
Jimson.Carr@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Qualifiers

TPOR

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.

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)
Dil Fac	Dilution Factor
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)

Case Narrative

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Job ID: HXD0044

Laboratory: TestAmerica Honolulu

Narrative

Per client's request samples were sieved though a 2mm sieve. The sample portion comprised of particles <2mm in size were then subsampled using a rotary sectorial splitter prior to analysis.

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory unless otherwise stated in the report. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(808)486-5227

LABORATORY REPORT

At sample receipt, the cooler/sample was 24 degrees C.

TestAmerica has determined that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Laboratory: TestAmerica Seattle

Receipt

The samples were received on 4/17/2014 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

GC Semi VOA - Method(s) 8082
The following samples required a dilution due to the nature of the sample matrix: HXD0044-01 (580-43212-1), HXD0044-02 (580-43212-2), HXD0044-03
(580-43212-3), HXD0044-04 (580-43212-4), HXD0044-05 (580-43212-5), HXD0044-06 (580-43212-6), HXD0044-07 (580-43212-7), HXD0044-08
(580-43212-8), HXD0044-09 (580-43212-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the
recovery calculation does not provide useful information.

The method blank MB 250-26301/1-A contained Arochlor 1260 above the reporting limit (RL). Associated samples were not re-extracted and/or re-analyzed because results were greater than 10X the value found in

Job ID: HXD0044 (Continued)

Laboratory: TestAmerica Honolulu (Continued)

the method blank.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 250-26301.
No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
HXD0044-01	VOA-MISA	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-02	VOA-MISA RE1	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-03	VOA-MISA RE2	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-04	VOA-MISB	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-05	VOA-MISB RE1	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-06	VOA-MISB RE2	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-07	VOA-MISC	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-08	VOA-MISC RE1	Solid/Soil	03/05/14 11:30	04/07/14 10:13
HXD0044-09	VOA-MISC RE2	Solid/Soil	03/05/14 11:30	04/07/14 10:13

Detection Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISA — Lab Sample ID: HXD0044-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	220	B *	16		mg/Kg	2000		8082	Total

Client Sample ID: VOA-MISA RE1 — Lab Sample ID: HXD0044-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	270	B *	16		mg/Kg	2000		8082	Total

Client Sample ID: VOA-MISA RE2 — Lab Sample ID: HXD0044-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	240	B *	16		mg/Kg	2000		8082	Total

Client Sample ID: VOA-MISB — Lab Sample ID: HXD0044-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	21	B *	0.82		mg/Kg	100		8082	Total

Client Sample ID: VOA-MISB RE1 — Lab Sample ID: HXD0044-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	26	B *	0.80		mg/Kg	100		8082	Total

Client Sample ID: VOA-MISB RE2 — Lab Sample ID: HXD0044-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	23	B *	0.83		mg/Kg	100		8082	Total

Client Sample ID: VOA-MISC — Lab Sample ID: HXD0044-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	20	B *	0.82		mg/Kg	100		8082	Total

Client Sample ID: VOA-MISC RE1 — Lab Sample ID: HXD0044-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	21	B *	0.81		mg/Kg	100		8082	Total

Client Sample ID: VOA-MISC RE2 — Lab Sample ID: HXD0044-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	18	B *	0.81		mg/Kg	100		8082	Total

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISA

Lab Sample ID: HXD0044-01
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1221	ND		32		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1232	ND		16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1242	ND		16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1248	ND		16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1254	ND		16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000
PCB-1260	**220**	**B ***	16		mg/Kg		04/21/14 10:02	04/22/14 11:48	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*1306*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 11:48*	*2000*

Client Sample ID: VOA-MISA RE1

Lab Sample ID: HXD0044-02
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1221	ND		32		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1232	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1242	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1248	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1254	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000
PCB-1260	**270**	**B ***	16		mg/Kg		04/21/14 10:02	04/22/14 12:09	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*984*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 12:09*	*2000*

Client Sample ID: VOA-MISA RE2

Lab Sample ID: HXD0044-03
Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1221	ND		32		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1232	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1242	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1248	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1254	ND		16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000
PCB-1260	**240**	**B ***	16		mg/Kg		04/21/14 10:02	04/22/14 12:29	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*596*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 12:29*	*2000*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISB

Lab Sample ID: HXD0044-04

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1221	ND		1.6		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1232	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1242	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1248	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1254	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100
PCB-1260	**21**	**B ***	0.82		mg/Kg		04/21/14 10:02	04/22/14 12:49	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*326*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 12:49*	*100*

Client Sample ID: VOA-MISB RE1

Lab Sample ID: HXD0044-05

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1221	ND		1.6		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1232	ND		0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1242	ND		0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1248	ND		0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1254	ND		0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100
PCB-1260	**26**	**B ***	0.80		mg/Kg		04/21/14 10:02	04/22/14 13:09	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*364*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 13:09*	*100*

Client Sample ID: VOA-MISB RE2

Lab Sample ID: HXD0044-06

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1221	ND		1.7		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1232	ND		0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1242	ND		0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1248	ND		0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1254	ND		0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100
PCB-1260	**23**	**B ***	0.83		mg/Kg		04/21/14 10:02	04/22/14 13:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*329*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 13:29*	*100*

Client Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISC

Lab Sample ID: HXD0044-07

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1221	ND		1.6		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1232	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1242	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1248	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1254	ND		0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100
PCB-1260	**20**	**B ***	0.82		mg/Kg		04/21/14 10:02	04/22/14 13:49	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*267*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 13:49*	*100*

Client Sample ID: VOA-MISC RE1

Lab Sample ID: HXD0044-08

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1221	ND		1.6		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1232	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1242	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1248	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1254	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100
PCB-1260	**21**	**B ***	0.81		mg/Kg		04/21/14 10:02	04/22/14 14:09	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*280*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 14:09*	*100*

Client Sample ID: VOA-MISC RE2

Lab Sample ID: HXD0044-09

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1221	ND		1.6		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1232	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1242	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1248	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1254	ND		0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100
PCB-1260	**18**	**B ***	0.81		mg/Kg		04/21/14 10:02	04/22/14 14:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*229*	*X*	*15 - 150*	*04/21/14 10:02*	*04/22/14 14:29*	*100*

Surrogate Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

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

Matrix: Soil **Prep Type: Total**

		Percent Surrogate Recovery (Acceptance Limits)							
		chlorobiph							
Lab Sample ID	Client Sample ID	(15-150)							
26313-17	Lab Control Sample Dup	130							
26313-18	Method Blank	134							
26313-19	Lab Control Sample	135							

Surrogate Legend

DCB Decachlorobiphenyl (Surr) = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid/Soil **Prep Type: Total**

		Percent Surrogate Recovery (Acceptance Limits)							
		chlorobiph							
Lab Sample ID	Client Sample ID	(15-150)							
HXD0044-01	VOA-MISA	1306 X							
HXD0044-02	VOA-MISA RE1	984 X							
HXD0044-03	VOA-MISA RE2	596 X							
HXD0044-04	VOA-MISB	326 X							
HXD0044-05	VOA-MISB RE1	364 X							
HXD0044-06	VOA-MISB RE2	329 X							
HXD0044-07	VOA-MISC	267 X							
HXD0044-08	VOA-MISC RE1	280 X							
HXD0044-09	VOA-MISC RE2	229 X							

Surrogate Legend

DCB Decachlorobiphenyl (Surr) = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

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

Lab Sample ID: 26313-18
Matrix: Soil
Analysis Batch: 26301

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 26301_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1221	ND		0.017		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1232	ND		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1242	ND		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1248	ND		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1254	ND		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1
PCB-1260	0.0178		0.0083		mg/Kg		04/21/14 10:02	04/21/14 19:39	1

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*134*		*15 - 150*	*04/21/14 10:02*	*04/21/14 19:39*	*1*

Lab Sample ID: 26313-17
Matrix: Soil
Analysis Batch: 26301

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 26301_P

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.0664	0.0765		mg/Kg		115	50 - 150	1	20
PCB-1260			0.0664	0.0894		mg/Kg		135	50 - 150	12	20

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*130*		*15 - 150*

Lab Sample ID: 26313-19
Matrix: Soil
Analysis Batch: 26301

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 26301_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.0664	0.0769		mg/Kg		116	50 - 150		
PCB-1260			0.0664	0.101	*	mg/Kg		152	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*135*		*15 - 150*

QC Association Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

TPOR

Analysis Batch: 26301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
26313-17	Lab Control Sample Dup	Total	Soil	8082	26301_P
26313-18	Method Blank	Total	Soil	8082	26301_P
26313-19	Lab Control Sample	Total	Soil	8082	26301_P
HXD0044-01	VOA-MISA	Total	Solid/Soil	8082	26301_P
HXD0044-02	VOA-MISA RE1	Total	Solid/Soil	8082	26301_P
HXD0044-03	VOA-MISA RE2	Total	Solid/Soil	8082	26301_P
HXD0044-04	VOA-MISB	Total	Solid/Soil	8082	26301_P
HXD0044-05	VOA-MISB RE1	Total	Solid/Soil	8082	26301_P
HXD0044-06	VOA-MISB RE2	Total	Solid/Soil	8082	26301_P
HXD0044-07	VOA-MISC	Total	Solid/Soil	8082	26301_P
HXD0044-08	VOA-MISC RE1	Total	Solid/Soil	8082	26301_P
HXD0044-09	VOA-MISC RE2	Total	Solid/Soil	8082	26301_P

Prep Batch: 26301_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
26313-17	Lab Control Sample Dup	Total	Soil	3550B	
26313-18	Method Blank	Total	Soil	3550B	
26313-19	Lab Control Sample	Total	Soil	3550B	
HXD0044-01	VOA-MISA	Total	Solid/Soil	3550B	
HXD0044-02	VOA-MISA RE1	Total	Solid/Soil	3550B	
HXD0044-03	VOA-MISA RE2	Total	Solid/Soil	3550B	
HXD0044-04	VOA-MISB	Total	Solid/Soil	3550B	
HXD0044-05	VOA-MISB RE1	Total	Solid/Soil	3550B	
HXD0044-06	VOA-MISB RE2	Total	Solid/Soil	3550B	
HXD0044-07	VOA-MISC	Total	Solid/Soil	3550B	
HXD0044-08	VOA-MISC RE1	Total	Solid/Soil	3550B	
HXD0044-09	VOA-MISC RE2	Total	Solid/Soil	3550B	

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISA — Lab Sample ID: HXD0044-01

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		2000	26301	04/22/14 11:48	NMI	TAL PTL

Client Sample ID: VOA-MISA RE1 — Lab Sample ID: HXD0044-02

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		2000	26301	04/22/14 12:09	NMI	TAL PTL

Client Sample ID: VOA-MISA RE2 — Lab Sample ID: HXD0044-03

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		2000	26301	04/22/14 12:29	NMI	TAL PTL

Client Sample ID: VOA-MISB — Lab Sample ID: HXD0044-04

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 12:49	NMI	TAL PTL

Client Sample ID: VOA-MISB RE1 — Lab Sample ID: HXD0044-05

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 13:09	NMI	TAL PTL

Client Sample ID: VOA-MISB RE2 — Lab Sample ID: HXD0044-06

Date Collected: 03/05/14 11:30 — **Matrix: Solid/Soil**
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 13:29	NMI	TAL PTL

Lab Chronicle

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Client Sample ID: VOA-MISC

Lab Sample ID: HXD0044-07

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 13:49	NMI	TAL PTL

Client Sample ID: VOA-MISC RE1

Lab Sample ID: HXD0044-08

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 14:09	NMI	TAL PTL

Client Sample ID: VOA-MISC RE2

Lab Sample ID: HXD0044-09

Date Collected: 03/05/14 11:30
Matrix: Solid/Soil
Date Received: 04/07/14 10:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	3550B			26301_P	04/21/14 10:02		TAL PTL
Total	Analysis	8082		100	26301	04/22/14 14:29	NMI	TAL PTL

Laboratory References:

TAL PTL = TestAmerica Portland, 9405 SW Nimbus Avenue, Beaverton, OR 97008, TEL 503.906.9200

Certification Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Laboratory: TestAmerica Honolulu

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Hawaii	State Program	9	N/A	06-28-14
USDA	Federal		HON-S-206	01-31-15

Laboratory: TestAmerica Portland

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-012	12-26-13
California	State Program	9	2597	09-30-15
Oregon	NELAP	10	OR100021	01-09-15
USDA	Federal		P330-11-00092	04-17-17
Washington	State Program	10	C586	06-23-14

Method Summary

Client: Department of Health, HEER Office
Project/Site: [none]

TestAmerica Job ID: HXD0044

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatogr		TAL PTL

Protocol References:

Laboratory References:

TAL PTL = TestAmerica Portland, 9405 SW Nimbus Avenue, Beaverton, OR 97008, TEL 503.906.9200

New (Relogged) Workorder Number: HXD0044

REQUEST TO RELOG SAMPLES

(Please submit to sample control with a copy of the COC)

CLIENT: DOH HEER MATRIX: Soil

PREVIOUSLY LOGGED SAMPLES

[X] TAT Change status to: 10 Day

Change status as of Day: ~~4/15/2014~~ 4/7/14 Time: 10:13 AM

[ ] CHANGE ANALYSES

Add Analyses [X] Cancel Analyses [ ]

Project Work Order #: HXC0027

Sample Number	Analyses	New Sample Number
HXC0027-01	PCB. MI using rotary sectorial splitter. Analyze	HXD0044-01, -02, -03
HXC0027-02	in triplicate. Only charge for one analysis per sample.	-04, -05, -06
HXC0027-03	Discounted rate of $50 for subsampling.	-07, -08, -09
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	

SAMPLES ON HOLD

Sample Description	Analyses	New Sample Number
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	

Client Authorization (Person/Date/Time): DOH HEER Roger Brewer 4/7/2014 10:50am

Project Manager: Jimson Carr

>>> Select a Laboratory <<<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

HXC0027

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Regulatory Program:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 5, 2014	COC No:
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 1 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: VOC PCBStudy	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O # 1103716	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total PCBs (8082)	Sample Specific Notes
VOA-MISA	3/5/2014	11:30am	MIS	Soil	1		Y	X	HXC0027-01
VOA-MISB	3/5/2014	11:30am	MIS	Soil	1		Y	X	-02
VOA-MISC	3/5/2014	11:30am	MIS	Soil	1		Y	X	-03

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Send invoice to TetraTech, attention Eric Jensen
*Process samples using Multi-Increment Sample SOP.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Roger B	HDOH	3/14/14 10am	Kristie Reilly	TA Hon	3/10/14 10:10 24°C intact no Pb.
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

TestAmerica

Rush TAT Confirmation (Initial/Date) _____

Sample Receipt Checklist

Client Name: HDOH HEER Date/ Time Received: 3/10/14 10:10

Received By: Kristie Reilly

Matrices: soil Carrier: client Airbill# :

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Chain of Custody present?	Yes ☒	No ☐	☐
Chain of Custody Signed when relinquished and received?	Yes ☒	No ☐	
Chain of Custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sample containers on ice?	Yes ☐	No ☒	Type: N/A
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA Vials have Zero Headspace?	Yes ☐	No ☐	No VOA vials present: ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Checked: ☒
pH Adjusted?	Yes ☐	No ☒	Final pH:
Encores / MI-VOC / 5035 Vials Present?	Yes ☐	No ☒	Location:
Sample Filtration Needed?	Yes ☐	No ☒	Filtered in Field: ☐
Dry Weight Corrected Results?	Yes ☐	No ☐	Take Action: ☐
DODQSM / QAPP Project?	Yes ☐	No ☒	Type:

Temperature Blank Present? Yes ☐ No ☒

Sample Container Temperature: 24 °C

Comments/ Sampling Handling Notes:

Appendix 1: Laboratory Reports

- **Study Site C (TPH, Ma´ili VOA Station)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-106831-1
Client Project/Site: ISM TPH

For:
Department of Health
HEER Office
919 Ala Moana Blvd., Suite 206
Honolulu, Hawaii 96814

Attn: Roger Brewer

Authorized for release by:
4/21/2015 2:23:58 PM

Craig Pilialoha, Project Manager I
(808)486-5227
craig.pilialoha@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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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Sample Summary

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-106831-1	VOA-1 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-2	VOA-2 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-3	VOA-3 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-4	VOA-4 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-5	VOA-5 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-6	VOA-6 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-7	VOA-7 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-8	VOA-8 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-9	VOA-9 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-10	VOA-10 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-11	VOA-11 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-12	VOA-12 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-13	VOA-13 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-14	VOA-14 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-15	VOA-15 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-16	VOA-16 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-17	VOA-17 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-18	VOA-18 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-19	VOA-19 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-20	VOA-20 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-21	VOA-21 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-22	VOA-22 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-23	VOA-23 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40
440-106831-24	VOA-24 (TPH)	Solid	03/05/14 11:30	04/11/15 10:40

Job ID: 440-106831-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-106831-1

Comments
No additional comments.

Receipt
The samples were received on 4/11/2015 10:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

Except:

The following samples were received outside of holding time for 8015 Diesel: VOA-1 (TPH) (440-106831-1), VOA-2 (TPH) (440-106831-2), VOA-3 (TPH) (440-106831-3), VOA-4 (TPH) (440-106831-4), VOA-5 (TPH) (440-106831-5), VOA-6 (TPH) (440-106831-6), VOA-7 (TPH) (440-106831-7), VOA-8 (TPH) (440-106831-8), VOA-9 (TPH) (440-106831-9), VOA-10 (TPH) (440-106831-10), VOA-11 (TPH) (440-106831-11), VOA-12 (TPH) (440-106831-12), VOA-13 (TPH) (440-106831-13), VOA-14 (TPH) (440-106831-14), VOA-15 (TPH) (440-106831-15), VOA-16 (TPH) (440-106831-16), VOA-17 (TPH) (440-106831-17), VOA-18 (TPH) (440-106831-18), VOA-19 (TPH) (440-106831-19), VOA-20 (TPH) (440-106831-20), VOA-21 (TPH) (440-106831-21), VOA-22 (TPH) (440-106831-22), VOA-23 (TPH) (440-106831-23) and VOA-24 (TPH) (440-106831-24). The samples were collected 3/5/15 and were received at the lab 4/11/15.

GC Semi VOA
Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 248557 was outside control limits. Sample matrix interference is suspected. The individual recoveries met acceptance criteria.

Method(s) 8015B: The following sample required a dilution due to the nature of the sample matrix: VOA-2 (TPH) (440-106831-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8015B: Surrogate recovery for the following samples was outside control limits: VOA-8 (TPH) (440-106831-8) and VOA-9 (TPH) (440-106831-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: The following samples required a dilution due to the nature of the sample matrix: VOA-4 (TPH) (440-106831-4), VOA-12 (TPH) (440-106831-12) and VOA-24 (TPH) (440-106831-24). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8015B: Hydrocarbon result partly due to individual peak in quantitation range. VOA-19 (TPH) (440-106831-19)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3546: Due to the matrix, the following samples could not be concentrated to the final method required volume: VOA-18 (TPH) (440-106831-18) and VOA-24 (TPH) (440-106831-24). The reporting limits (RLs) are elevated proportionately.

Method 3546-8015B Diesel Soils
Batch# 248557

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Subcontract Work
Method General Sub Contract Method: This method was subcontracted to TestAmerica Honolulu. The subcontract laboratory certification is different from that of the facility issuing the final report.
Samples were prepared in accordance with the State of Hawai'i Department of Health Office of Hazard Evaluation and Emergency Response's Technical Guidance Manual for the Implementation of the Hawai`i State Contingency Plan 2009 edition Laboratory Preparation of Multi-Increment Samples.

Job ID: 440-106831-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

Client Sample Results

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-1 (TPH)

Lab Sample ID: 440-106831-1

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	17	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
RRO(C29-C40)	64	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
EFH (C10-C44)	93	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*59*		*40 - 140*	*04/13/15 15:01*	*04/13/15 19:08*	*1*

Client Sample ID: VOA-2 (TPH)

Lab Sample ID: 440-106831-2

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	89	H	12	mg/Kg		04/13/15 15:01	04/13/15 21:00	5
RRO(C29-C40)	290	H	12	mg/Kg		04/13/15 15:01	04/13/15 21:00	5
EFH (C10-C44)	440	H	12	mg/Kg		04/13/15 15:01	04/13/15 21:00	5
C41-C44	56	H	12	mg/Kg		04/13/15 15:01	04/13/15 21:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*92*		*40 - 140*	*04/13/15 15:01*	*04/13/15 21:00*	*5*

Client Sample ID: VOA-3 (TPH)

Lab Sample ID: 440-106831-3

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	150	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
RRO(C29-C40)	64	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
EFH (C10-C44)	230	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*40 - 140*	*04/13/15 15:01*	*04/13/15 20:15*	*1*

Client Sample ID: VOA-4 (TPH)

Lab Sample ID: 440-106831-4

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	600	H	50	mg/Kg		04/13/15 15:01	04/14/15 10:29	20
RRO(C29-C40)	150	H	50	mg/Kg		04/13/15 15:01	04/14/15 10:29	20
EFH (C10-C44)	820	H	50	mg/Kg		04/13/15 15:01	04/14/15 10:29	20
C41-C44	ND	H	50	mg/Kg		04/13/15 15:01	04/14/15 10:29	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*94*		*40 - 140*	*04/13/15 15:01*	*04/14/15 10:29*	*20*

Client Sample Results

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-5 (TPH)

Lab Sample ID: 440-106831-5
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	100	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:23	1
RRO(C29-C40)	120	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:23	1
EFH (C10-C44)	240	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:23	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*40 - 140*	*04/13/15 15:01*	*04/13/15 21:23*	*1*

Client Sample ID: VOA-6 (TPH)

Lab Sample ID: 440-106831-6
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	53	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:45	1
RRO(C29-C40)	74	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:45	1
EFH (C10-C44)	150	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:45	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*40 - 140*	*04/13/15 15:01*	*04/13/15 21:45*	*1*

Client Sample ID: VOA-7 (TPH)

Lab Sample ID: 440-106831-7
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	8.1	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
RRO(C29-C40)	20	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
EFH (C10-C44)	36	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1
C41-C44	2.9	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*46*		*40 - 140*	*04/13/15 15:01*	*04/13/15 20:15*	*1*

Client Sample ID: VOA-8 (TPH)

Lab Sample ID: 440-106831-8
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	6.6	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:38	1
RRO(C29-C40)	14	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:38	1
EFH (C10-C44)	26	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:38	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*37*	*X*	*40 - 140*	*04/13/15 15:01*	*04/13/15 20:38*	*1*

Client Sample Results

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-9 (TPH)

Lab Sample ID: 440-106831-9
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	6.6	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
RRO(C29-C40)	12	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
EFH (C10-C44)	23	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:01	04/13/15 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*33*	*X*	*40 - 140*	*04/13/15 15:01*	*04/13/15 19:08*	*1*

Client Sample ID: VOA-10 (TPH)

Lab Sample ID: 440-106831-10
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	15	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 19:31	1
RRO(C29-C40)	33	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 19:31	1
EFH (C10-C44)	58	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 19:31	1
C41-C44	5.3	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*51*		*40 - 140*	*04/13/15 15:01*	*04/13/15 19:31*	*1*

Client Sample ID: VOA-11 (TPH)

Lab Sample ID: 440-106831-11
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	39	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 22:30	1
RRO(C29-C40)	59	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 22:30	1
EFH (C10-C44)	110	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 22:30	1
C41-C44	ND	H	2.4	mg/Kg		04/13/15 15:01	04/13/15 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*69*		*40 - 140*	*04/13/15 15:01*	*04/13/15 22:30*	*1*

Client Sample ID: VOA-12 (TPH)

Lab Sample ID: 440-106831-12
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	4300	H	240	mg/Kg		04/13/15 15:01	04/14/15 10:06	100
RRO(C29-C40)	470	H	240	mg/Kg		04/13/15 15:01	04/14/15 10:06	100
EFH (C10-C44)	6600	H	240	mg/Kg		04/13/15 15:01	04/14/15 10:06	100
C41-C44	ND	H	240	mg/Kg		04/13/15 15:01	04/14/15 10:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*71*		*40 - 140*	*04/13/15 15:01*	*04/14/15 10:06*	*100*

Client Sample Results

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-13 (TPH)

Lab Sample ID: 440-106831-13
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	9.9	H	2.5	mg/Kg		04/13/15 15:03	04/13/15 23:38	1
RRO(C29-C40)	24	H	2.5	mg/Kg		04/13/15 15:03	04/13/15 23:38	1
EFH (C10-C44)	41	H	2.5	mg/Kg		04/13/15 15:03	04/13/15 23:38	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/13/15 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*68*		*40 - 140*	*04/13/15 15:03*	*04/13/15 23:38*	*1*

Client Sample ID: VOA-14 (TPH)

Lab Sample ID: 440-106831-14
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	9.7	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:00	1
RRO(C29-C40)	39	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:00	1
EFH (C10-C44)	56	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:00	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*55*		*40 - 140*	*04/13/15 15:03*	*04/14/15 00:00*	*1*

Client Sample ID: VOA-15 (TPH)

Lab Sample ID: 440-106831-15
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	8.7	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:37	1
RRO(C29-C40)	26	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:37	1
EFH (C10-C44)	43	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:37	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*56*		*40 - 140*	*04/13/15 15:03*	*04/14/15 02:37*	*1*

Client Sample ID: VOA-16 (TPH)

Lab Sample ID: 440-106831-16
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	19	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:52	1
RRO(C29-C40)	29	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:52	1
EFH (C10-C44)	59	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:52	1
C41-C44	4.3	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*64*		*40 - 140*	*04/13/15 15:03*	*04/14/15 01:52*	*1*

Client Sample ID: VOA-17 (TPH)

Lab Sample ID: 440-106831-17

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	21	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
RRO(C29-C40)	39	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
EFH (C10-C44)	71	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
C41-C44	5.5	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*60*		*40 - 140*	*04/13/15 15:03*	*04/14/15 02:59*	*1*

Client Sample ID: VOA-18 (TPH)

Lab Sample ID: 440-106831-18

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	160	H	9.6	mg/Kg		04/13/15 15:03	04/14/15 08:36	2
RRO(C29-C40)	480	H	9.6	mg/Kg		04/13/15 15:03	04/14/15 08:36	2
EFH (C10-C44)	710	H	9.6	mg/Kg		04/13/15 15:03	04/14/15 08:36	2
C41-C44	ND	H	9.6	mg/Kg		04/13/15 15:03	04/14/15 08:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*82*		*40 - 140*	*04/13/15 15:03*	*04/14/15 08:36*	*2*

Client Sample ID: VOA-19 (TPH)

Lab Sample ID: 440-106831-19

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	7.6	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:22	1
RRO(C29-C40)	9.1	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:22	1
EFH (C10-C44)	23	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:22	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*51*		*40 - 140*	*04/13/15 15:03*	*04/14/15 00:22*	*1*

Client Sample ID: VOA-20 (TPH)

Lab Sample ID: 440-106831-20

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	7.9	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:45	1
RRO(C29-C40)	21	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:45	1
EFH (C10-C44)	36	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:45	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*67*		*40 - 140*	*04/13/15 15:03*	*04/14/15 00:45*	*1*

Client Sample ID: VOA-21 (TPH)

Lab Sample ID: 440-106831-21

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	37	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:07	1
RRO(C29-C40)	24	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:07	1
EFH (C10-C44)	68	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:07	1
C41-C44	2.5	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*52*		*40 - 140*	*04/13/15 15:03*	*04/14/15 01:07*	*1*

Client Sample ID: VOA-22 (TPH)

Lab Sample ID: 440-106831-22

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	17	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
RRO(C29-C40)	26	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
EFH (C10-C44)	52	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1
C41-C44	ND	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*61*		*40 - 140*	*04/13/15 15:03*	*04/14/15 02:59*	*1*

Client Sample ID: VOA-23 (TPH)

Lab Sample ID: 440-106831-23

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	8.0	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:15	1
RRO(C29-C40)	29	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:15	1
EFH (C10-C44)	46	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:15	1
C41-C44	2.9	H	2.5	mg/Kg		04/13/15 15:03	04/14/15 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*40 - 140*	*04/13/15 15:03*	*04/14/15 02:15*	*1*

Client Sample ID: VOA-24 (TPH)

Lab Sample ID: 440-106831-24

Date Collected: 03/05/14 11:30

Matrix: Solid

Date Received: 04/11/15 10:40

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	350	H	20	mg/Kg		04/13/15 15:03	04/14/15 10:51	4
RRO(C29-C40)	870	H	20	mg/Kg		04/13/15 15:03	04/14/15 10:51	4
EFH (C10-C44)	1300	H	20	mg/Kg		04/13/15 15:03	04/14/15 10:51	4
C41-C44	ND	H	20	mg/Kg		04/13/15 15:03	04/14/15 10:51	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*40 - 140*	*04/13/15 15:03*	*04/14/15 10:51*	*4*

Method Summary

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV

Protocol References:

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

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-1 (TPH)

Lab Sample ID: 440-106831-1
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.27 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.27 g	1 mL	248416	04/13/15 19:08	KW	TAL IRV

Client Sample ID: VOA-2 (TPH)

Lab Sample ID: 440-106831-2
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.15 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		5	30.15 g	1 mL	248414	04/13/15 21:00	KW	TAL IRV

Client Sample ID: VOA-3 (TPH)

Lab Sample ID: 440-106831-3
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.28 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.28 g	1 mL	248416	04/13/15 20:15	KW	TAL IRV

Client Sample ID: VOA-4 (TPH)

Lab Sample ID: 440-106831-4
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.19 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		20	30.19 g	1 mL	248688	04/14/15 10:29	KW	TAL IRV

Client Sample ID: VOA-5 (TPH)

Lab Sample ID: 440-106831-5
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.58 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.58 g	1 mL	248416	04/13/15 21:23	KW	TAL IRV

Client Sample ID: VOA-6 (TPH)

Lab Sample ID: 440-106831-6
Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.59 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.59 g	1 mL	248416	04/13/15 21:45	KW	TAL IRV

Lab Chronicle

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-7 (TPH)

Lab Sample ID: 440-106831-7

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.23 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.23 g	1 mL	248414	04/13/15 20:15	KW	TAL IRV

Client Sample ID: VOA-8 (TPH)

Lab Sample ID: 440-106831-8

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.13 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.13 g	1 mL	248414	04/13/15 20:38	KW	TAL IRV

Client Sample ID: VOA-9 (TPH)

Lab Sample ID: 440-106831-9

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.36 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.36 g	1 mL	248414	04/13/15 19:08	KW	TAL IRV

Client Sample ID: VOA-10 (TPH)

Lab Sample ID: 440-106831-10

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.98 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.98 g	1 mL	248414	04/13/15 19:31	KW	TAL IRV

Client Sample ID: VOA-11 (TPH)

Lab Sample ID: 440-106831-11

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.93 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		1	30.93 g	1 mL	248416	04/13/15 22:30	KW	TAL IRV

Client Sample ID: VOA-12 (TPH)

Lab Sample ID: 440-106831-12

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			31.00 g	1 mL	248454	04/13/15 15:01	KDP	TAL IRV
Total/NA	Analysis	8015B		100	31.00 g	1 mL	248688	04/14/15 10:06	KW	TAL IRV

Lab Chronicle

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-13 (TPH)

Lab Sample ID: 440-106831-13

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.09 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.09 g	1 mL	248414	04/13/15 23:38	KW	TAL IRV

Client Sample ID: VOA-14 (TPH)

Lab Sample ID: 440-106831-14

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.15 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.15 g	1 mL	248414	04/14/15 00:00	KW	TAL IRV

Client Sample ID: VOA-15 (TPH)

Lab Sample ID: 440-106831-15

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.32 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.32 g	1 mL	248416	04/14/15 02:37	KW	TAL IRV

Client Sample ID: VOA-16 (TPH)

Lab Sample ID: 440-106831-16

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.29 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.29 g	1 mL	248414	04/14/15 01:52	KW	TAL IRV

Client Sample ID: VOA-17 (TPH)

Lab Sample ID: 440-106831-17

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.17 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.17 g	1 mL	248414	04/14/15 02:59	KW	TAL IRV

Client Sample ID: VOA-18 (TPH)

Lab Sample ID: 440-106831-18

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			31.39 g	2 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		2	31.39 g	2 mL	248688	04/14/15 08:36	KW	TAL IRV

Lab Chronicle

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Client Sample ID: VOA-19 (TPH)

Lab Sample ID: 440-106831-19

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.02 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.02 g	1 mL	248414	04/14/15 00:22	KW	TAL IRV

Client Sample ID: VOA-20 (TPH)

Lab Sample ID: 440-106831-20

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.34 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.34 g	1 mL	248414	04/14/15 00:45	KW	TAL IRV

Client Sample ID: VOA-21 (TPH)

Lab Sample ID: 440-106831-21

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			29.97 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	29.97 g	1 mL	248414	04/14/15 01:07	KW	TAL IRV

Client Sample ID: VOA-22 (TPH)

Lab Sample ID: 440-106831-22

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.25 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.25 g	1 mL	248416	04/14/15 02:59	KW	TAL IRV

Client Sample ID: VOA-23 (TPH)

Lab Sample ID: 440-106831-23

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.48 g	1 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		1	30.48 g	1 mL	248414	04/14/15 02:15	KW	TAL IRV

Client Sample ID: VOA-24 (TPH)

Lab Sample ID: 440-106831-24

Date Collected: 03/05/14 11:30
Matrix: Solid
Date Received: 04/11/15 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.27 g	2 mL	248557	04/13/15 15:03	VA	TAL IRV
Total/NA	Analysis	8015B		4	30.27 g	2 mL	248688	04/14/15 10:51	KW	TAL IRV

Lab Chronicle

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-248454/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248414 — **Prep Batch: 248454**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		5.0		mg/Kg		04/13/15 11:00	04/13/15 14:02	1
RRO(C29-C40)	ND		5.0		mg/Kg		04/13/15 11:00	04/13/15 14:02	1
EFH (C10-C44)	ND		5.0		mg/Kg		04/13/15 11:00	04/13/15 14:02	1
C41-C44	ND		5.0		mg/Kg		04/13/15 11:00	04/13/15 14:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*62*		*40 - 140*	*04/13/15 11:00*	*04/13/15 14:02*	*1*

Lab Sample ID: LCS 440-248454/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248414 — **Prep Batch: 248454**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28)			66.7	47.4		mg/Kg		71	45 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*66*		*40 - 140*

Lab Sample ID: 440-106755-H-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248414 — **Prep Batch: 248454**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28)	ND		66.7	46.1		mg/Kg		69	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*65*		*40 - 140*

Lab Sample ID: 440-106755-H-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248414 — **Prep Batch: 248454**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DRO (C10-C28)	ND		66.4	45.9		mg/Kg		69	40 - 120	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*64*		*40 - 140*

Lab Sample ID: MB 440-248557/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248684 — **Prep Batch: 248557**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		5.0		mg/Kg		04/13/15 15:03	04/14/15 08:44	1
RRO(C29-C40)	ND		5.0		mg/Kg		04/13/15 15:03	04/14/15 08:44	1
EFH (C10-C44)	ND		5.0		mg/Kg		04/13/15 15:03	04/14/15 08:44	1
C41-C44	ND		5.0		mg/Kg		04/13/15 15:03	04/14/15 08:44	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 440-248557/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248684 — **Prep Batch: 248557**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	88		40 - 140	04/13/15 15:03	04/14/15 08:44	1

Lab Sample ID: LCS 440-248557/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248414 — **Prep Batch: 248557**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28)			66.7	51.1		mg/Kg		77	45 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	94		40 - 140

Lab Sample ID: 440-106711-K-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248416 — **Prep Batch: 248557**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
DRO (C10-C28)	ND	F2	134	110		mg/Kg		77	40 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane	78		40 - 140

Lab Sample ID: 440-106711-K-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248416 — **Prep Batch: 248557**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DRO (C10-C28)	ND	F2	136	151	F2	mg/Kg		107	40 - 120	32	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane	82		40 - 140

QC Association Summary

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

GC Semi VOA

Analysis Batch: 248414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-106755-H-1-B MS	Matrix Spike	Total/NA	Solid	8015B	248454
440-106755-H-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	248454
440-106831-2	VOA-2 (TPH)	Total/NA	Solid	8015B	248454
440-106831-7	VOA-7 (TPH)	Total/NA	Solid	8015B	248454
440-106831-8	VOA-8 (TPH)	Total/NA	Solid	8015B	248454
440-106831-9	VOA-9 (TPH)	Total/NA	Solid	8015B	248454
440-106831-10	VOA-10 (TPH)	Total/NA	Solid	8015B	248454
440-106831-13	VOA-13 (TPH)	Total/NA	Solid	8015B	248557
440-106831-14	VOA-14 (TPH)	Total/NA	Solid	8015B	248557
440-106831-16	VOA-16 (TPH)	Total/NA	Solid	8015B	248557
440-106831-17	VOA-17 (TPH)	Total/NA	Solid	8015B	248557
440-106831-19	VOA-19 (TPH)	Total/NA	Solid	8015B	248557
440-106831-20	VOA-20 (TPH)	Total/NA	Solid	8015B	248557
440-106831-21	VOA-21 (TPH)	Total/NA	Solid	8015B	248557
440-106831-23	VOA-23 (TPH)	Total/NA	Solid	8015B	248557
LCS 440-248454/2-A	Lab Control Sample	Total/NA	Solid	8015B	248454
LCS 440-248557/2-A	Lab Control Sample	Total/NA	Solid	8015B	248557
MB 440-248454/1-A	Method Blank	Total/NA	Solid	8015B	248454

Analysis Batch: 248416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-106711-K-1-C MS	Matrix Spike	Total/NA	Solid	8015B	248557
440-106711-K-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	248557
440-106831-1	VOA-1 (TPH)	Total/NA	Solid	8015B	248454
440-106831-3	VOA-3 (TPH)	Total/NA	Solid	8015B	248454
440-106831-5	VOA-5 (TPH)	Total/NA	Solid	8015B	248454
440-106831-6	VOA-6 (TPH)	Total/NA	Solid	8015B	248454
440-106831-11	VOA-11 (TPH)	Total/NA	Solid	8015B	248454
440-106831-15	VOA-15 (TPH)	Total/NA	Solid	8015B	248557
440-106831-22	VOA-22 (TPH)	Total/NA	Solid	8015B	248557

Prep Batch: 248454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-106755-H-1-B MS	Matrix Spike	Total/NA	Solid	3546	
440-106755-H-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-106831-1	VOA-1 (TPH)	Total/NA	Solid	3546	
440-106831-2	VOA-2 (TPH)	Total/NA	Solid	3546	
440-106831-3	VOA-3 (TPH)	Total/NA	Solid	3546	
440-106831-4	VOA-4 (TPH)	Total/NA	Solid	3546	
440-106831-5	VOA-5 (TPH)	Total/NA	Solid	3546	
440-106831-6	VOA-6 (TPH)	Total/NA	Solid	3546	
440-106831-7	VOA-7 (TPH)	Total/NA	Solid	3546	
440-106831-8	VOA-8 (TPH)	Total/NA	Solid	3546	
440-106831-9	VOA-9 (TPH)	Total/NA	Solid	3546	
440-106831-10	VOA-10 (TPH)	Total/NA	Solid	3546	
440-106831-11	VOA-11 (TPH)	Total/NA	Solid	3546	
440-106831-12	VOA-12 (TPH)	Total/NA	Solid	3546	
LCS 440-248454/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-248454/1-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 248557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-106711-K-1-C MS	Matrix Spike	Total/NA	Solid	3546	
440-106711-K-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-106831-13	VOA-13 (TPH)	Total/NA	Solid	3546	
440-106831-14	VOA-14 (TPH)	Total/NA	Solid	3546	
440-106831-15	VOA-15 (TPH)	Total/NA	Solid	3546	
440-106831-16	VOA-16 (TPH)	Total/NA	Solid	3546	
440-106831-17	VOA-17 (TPH)	Total/NA	Solid	3546	
440-106831-18	VOA-18 (TPH)	Total/NA	Solid	3546	
440-106831-19	VOA-19 (TPH)	Total/NA	Solid	3546	
440-106831-20	VOA-20 (TPH)	Total/NA	Solid	3546	
440-106831-21	VOA-21 (TPH)	Total/NA	Solid	3546	
440-106831-22	VOA-22 (TPH)	Total/NA	Solid	3546	
440-106831-23	VOA-23 (TPH)	Total/NA	Solid	3546	
440-106831-24	VOA-24 (TPH)	Total/NA	Solid	3546	
LCS 440-248557/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-248557/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 248684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-248557/1-A	Method Blank	Total/NA	Solid	8015B	248557

Analysis Batch: 248688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-106831-4	VOA-4 (TPH)	Total/NA	Solid	8015B	248454
440-106831-12	VOA-12 (TPH)	Total/NA	Solid	8015B	248454
440-106831-18	VOA-18 (TPH)	Total/NA	Solid	8015B	248557
440-106831-24	VOA-24 (TPH)	Total/NA	Solid	8015B	248557

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time
X	Surrogate is outside control limits

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
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)

Certification Summary

Client: Department of Health
Project/Site: ISM TPH

TestAmerica Job ID: 440-106831-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-15
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-16 *
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-16
Hawaii	State Program	9	N/A	01-29-16
Nevada	State Program	9	CA015312007A	07-31-15
New Mexico	State Program	6	N/A	01-29-15 *
Northern Mariana Islands	State Program	9	MP0002	01-29-15 *
Oregon	NELAP	10	4005	01-29-16
USDA	Federal		P330-09-00080	06-06-15

* Certification renewal pending - certification considered valid.

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 30, 2015	COC No: 1
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	1 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: ISM TPH	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Perform MS / MSD (Y / N)	C10-C28	C29-C40	C41-C44	Sample Specific Notes:
VOA-1 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-2 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-3 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-4 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-5 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-6 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-7 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-8 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-9 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-10 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-11 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-12 (TPH)	3/5/2014	11:30am	G	Soil	4	Y	X	X	X	

440-106831 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
*Extraction to be preformed on air-dried & sieved aliquot.
☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments: ~~* use minimum of standard~~ * Report single value for TPH C10-C44
Send invoice to TetraTech, attention Eric Jensen
*COMBINE EACH SAMPLE GROUP FOR A SINGLE ANALYSIS. PROCESS AND SUBSAMPLE EACH, COMBINED SAMPLE IN ACCORDANCE WITH INCREMENTAL SAMPLING PROCEDURES.
* state that samples were IS processed in report * Provide chromatograms (Fuel patterns not needed)

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.4 Corr'd: 5.0 Therm ID No.: 70

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	4/8/15 12:30	[signature]	TA Hon	4/8/15 1230
Relinquished by: David Buchli / [signature]	Company: Fed Ex	Date/Time: 4/10/15 1355	Received by: [signature]	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 4/1/15 1040

7933 4689 6768

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

>>> Select a Laboratory <<<
#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Roger Brewer	Site Contact: Roger Brewer	Date: March 30, 2015	COC No: 2
Hawai'i Dept. of Health, HEER	Tel/Fax: 1-808-586-4249	Lab Contact:	Carrier:	2 of 2 COCs
919 Ala Moana Blvd, Room 206	Analysis Turnaround Time			Sampler: Roger Brewer
Honolulu, HI 96814	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone : (808) 586-4249	TAT if different from Below _____			Walk-in Client:
Fax: (808) 586-7537	☑ 2 weeks			Lab Sampling:
Project Name: ISM TPH	☐ 1 week			
Site: Maili, O'ahu	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Perform MS / MSD (Y / N)	C10-C28	C29-C40	C41-C44	Sample Specific Notes:
VOA-13 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-14 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-15 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-16 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-17 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-18 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-19 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-20 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-21 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-22 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-23 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	
VOA-24 (TPH)	3/5/2014	11:30am	G	Soil	5	Y	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

* Report single value for TPH C10-C44.

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments: to provide chromatograms (Fuel pattern overlays not needed) ~~[illegible]~~,
Send invoice to TetraTech, attention Eric Jensen
*COMBINE EACH SAMPLE GROUP FOR A SINGLE ANALYSIS. PROCESS AND SUBSAMPLE EACH, COMBINED SAMPLE IN ACCORDANCE WITH INCREMENTAL SAMPLING PROCEDURES.
State that samples were homogenized in report

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	HDOH	4/8/15 12:30pm	[signature]	TA Mon	4/8/15 1230
Relinquished by: David Buchli / [signature]	Company: Fed Ex	Date/Time: 4/10/15 1355	Received by: [signature] 252 No Rec	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 4-11-15 1040

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

* Extraction to be preformed on air-dried & sieved sample aliquot. Perform MS-MSD.

Login Sample Receipt Checklist

Client: Department of Health

Job Number: 440-106831-1

Login Number: 106831

List Source: TestAmerica Irvine

List Number: 1

Creator: Freitag, Kevin R

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Study Site C (Ma´ili VOA Station): TPH chromatograms

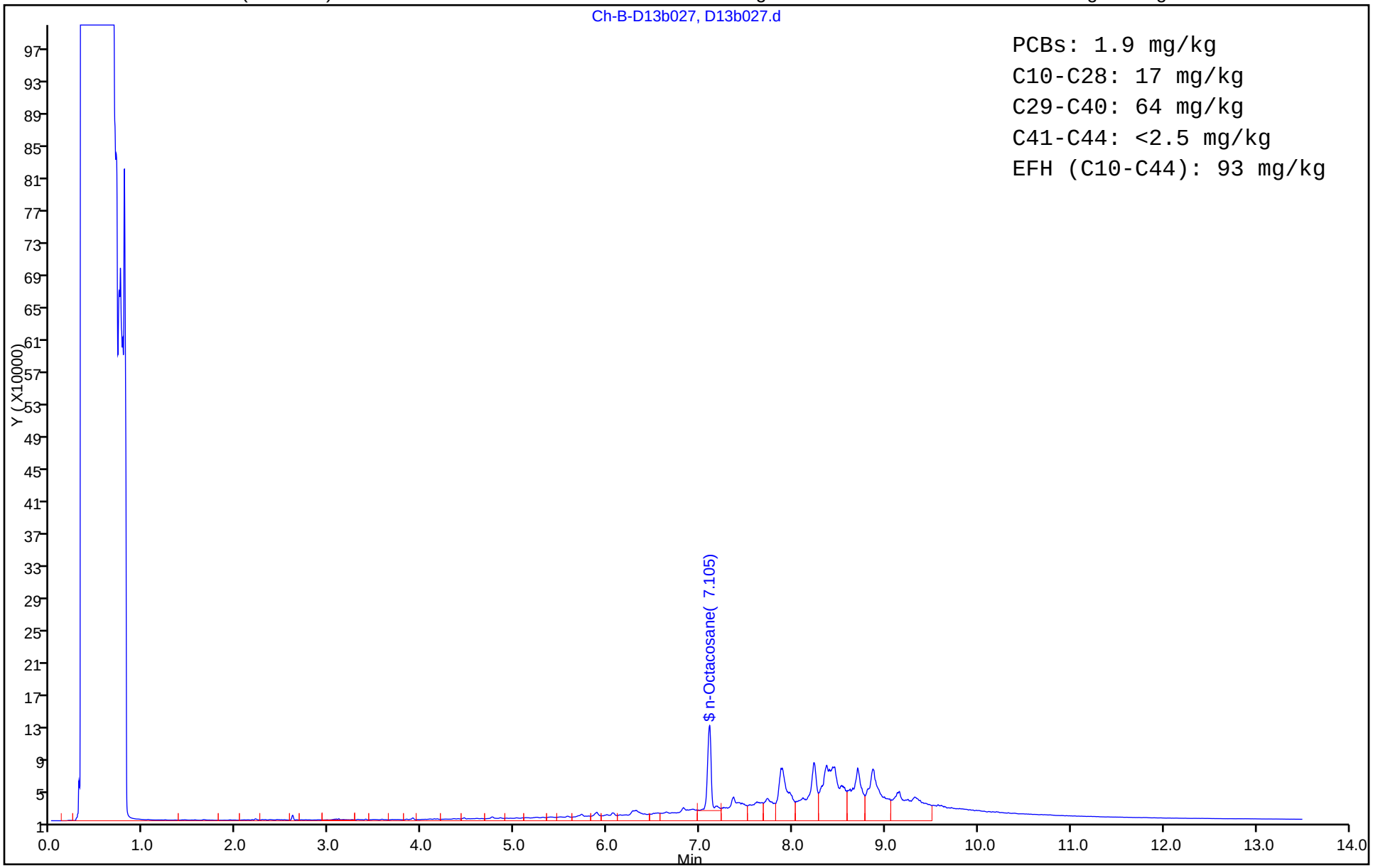
- Chromatograms annotated with total PCBs and TPH data for samples (see table 5-3 in main text).
- Total PCB concentration based on mean of Subsamples 6 through 10 for sample grid point sample (see Table 5-2 in main text).
- Total Petroleum Hydrocarbons measured as Diesel Range Organics (C10-C28), Residual Range Organics (C29-C40) and C41-C44. Total TPH as sum of carbon ranges does not add up to sum Extractable Fuel Hydrocarbons (EFH, C10-C44) due to differences in analytical methods and extraction of separate subsamples.
- Extractable Fuel Hydrocarbons (EFH) measured as sum of C10-C44.

Report Date: 14-Apr-2015 15:44:26 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b027.d				
Injection Date:	13-Apr-2015 19:08:49	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-1-A	Lab Sample ID:	440-106831-1	Worklist Smp#:	27
Client ID:	VOA-1 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

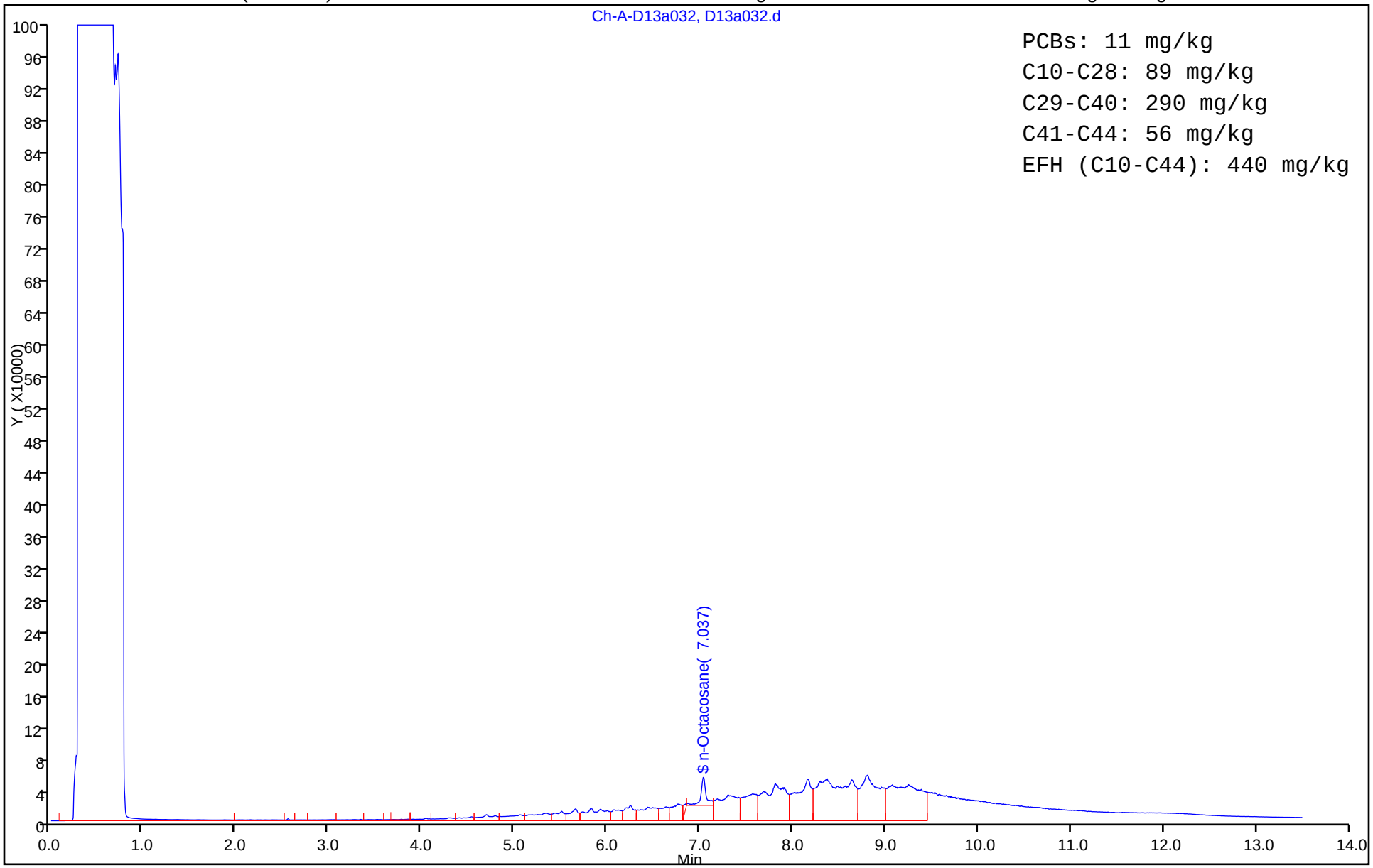


Report Date: 14-Apr-2015 15:51:52 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a032.d				
Injection Date:	13-Apr-2015 21:00:49	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-2-A	Lab Sample ID:	440-106831-2	Worklist Smp#:	32
Client ID:	VOA-2 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

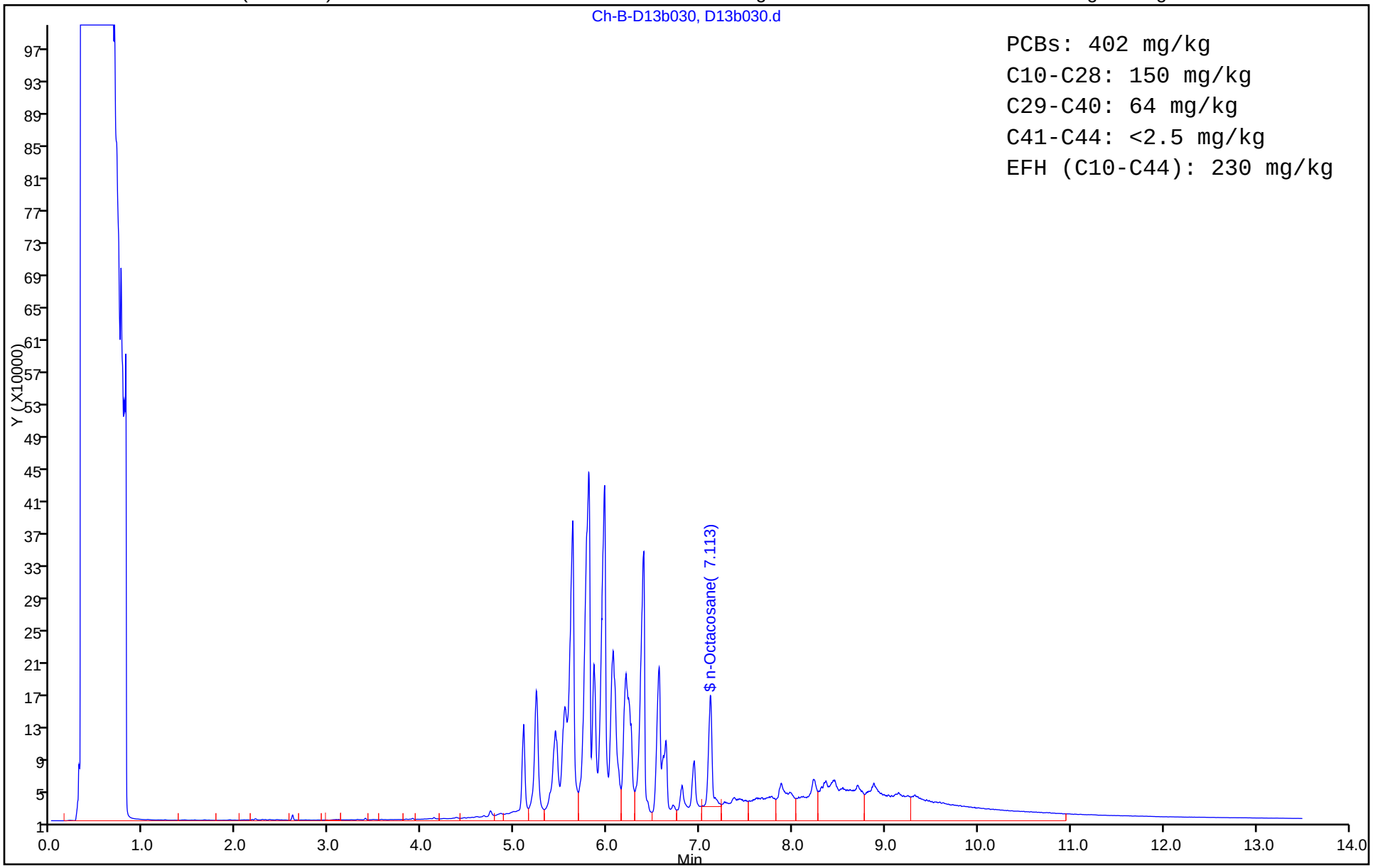


Report Date: 14-Apr-2015 15:44:49 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b030.d				
Injection Date:	13-Apr-2015 20:15:59	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-3-A	Lab Sample ID:	440-106831-3	Worklist Smp#:	30
Client ID:	VOA-3 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

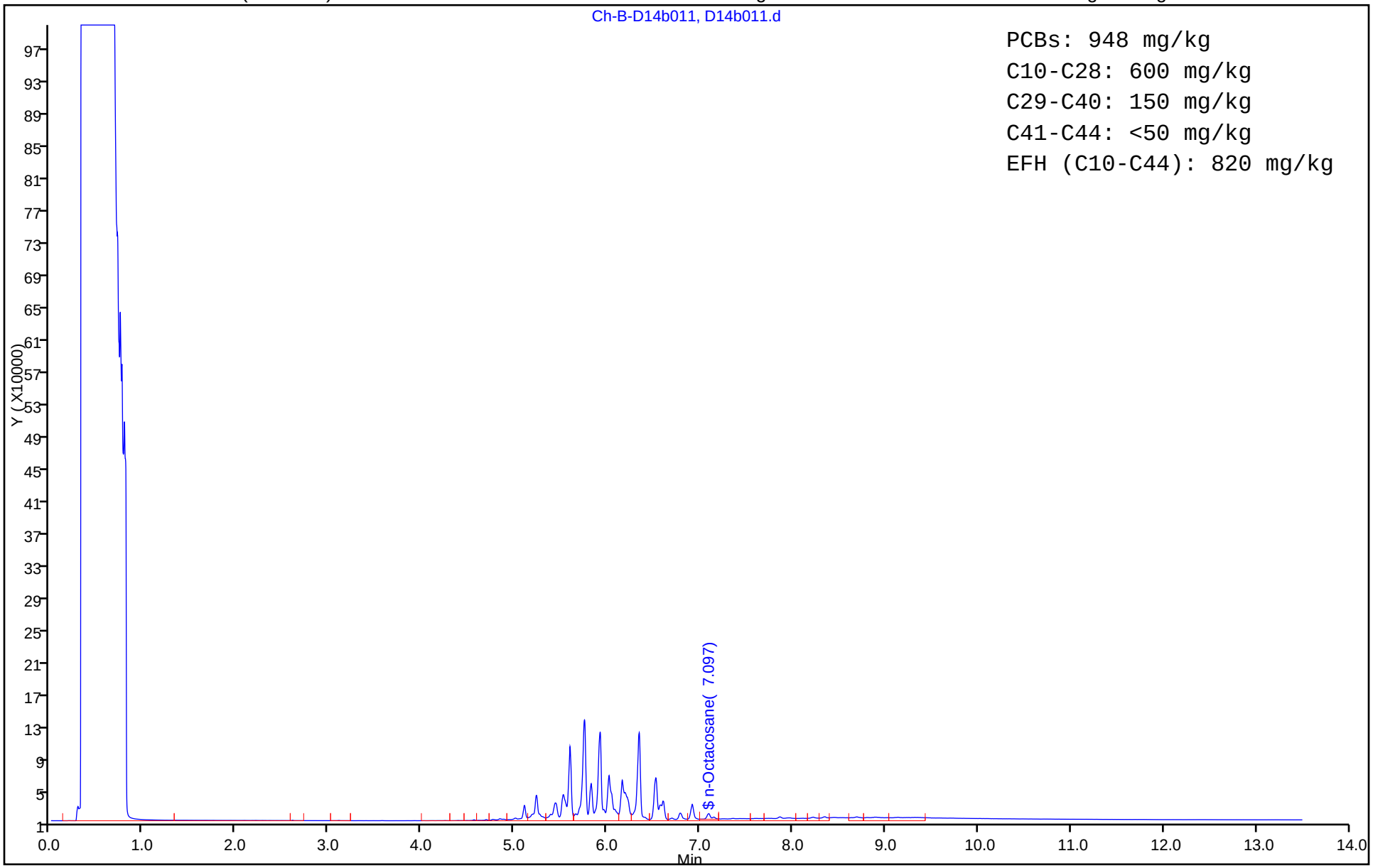


Report Date: 14-Apr-2015 16:23:42 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150414-56074.b\D14b011.d				
Injection Date:	14-Apr-2015 10:29:09	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-4-A	Lab Sample ID:	440-106831-4	Worklist Smp#:	11
Client ID:	VOA-4 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

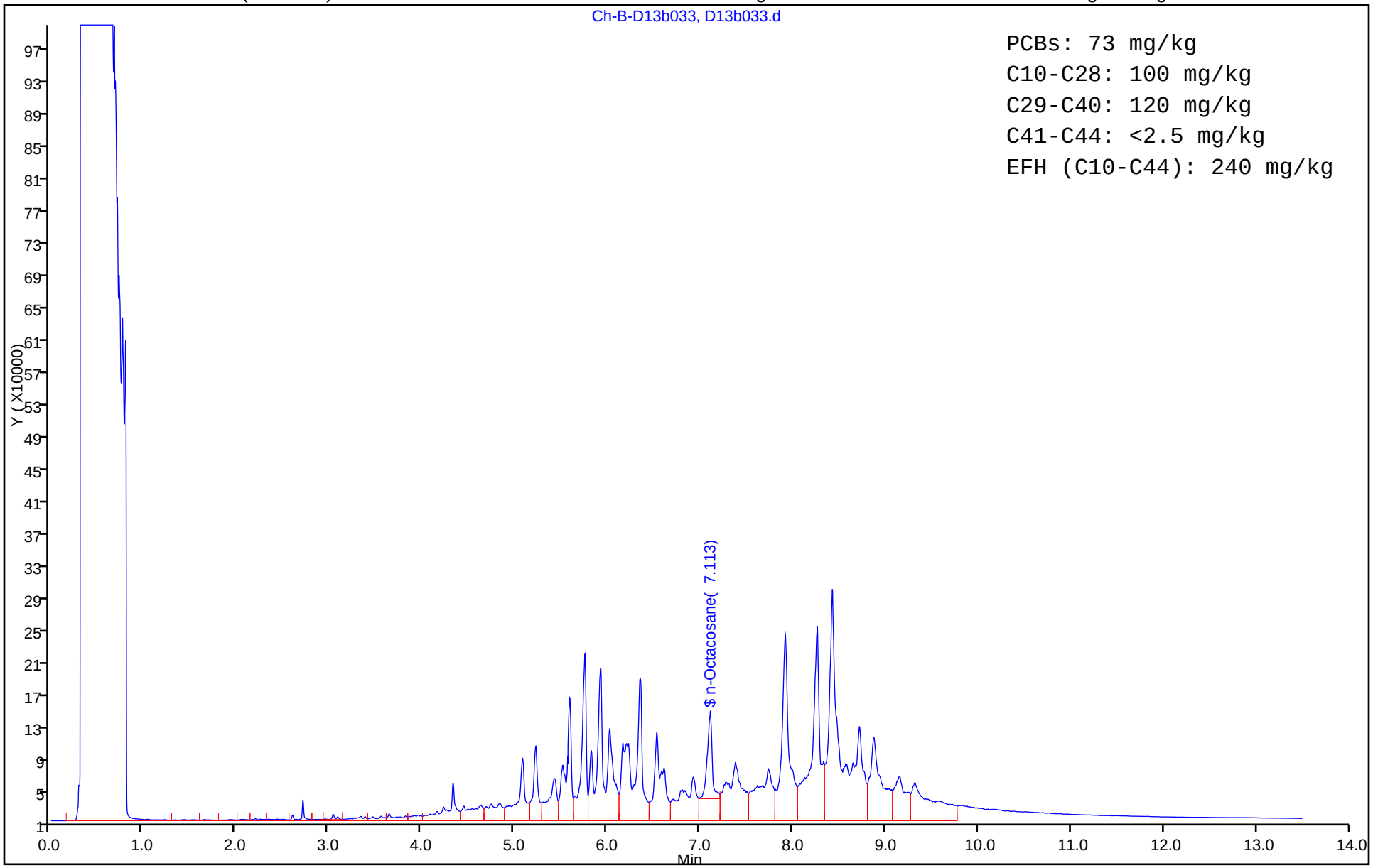


Report Date: 14-Apr-2015 15:45:06 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b033.d				
Injection Date:	13-Apr-2015 21:23:09	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-5-A	Lab Sample ID:	440-106831-5	Worklist Smp#:	33
Client ID:	VOA-5 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

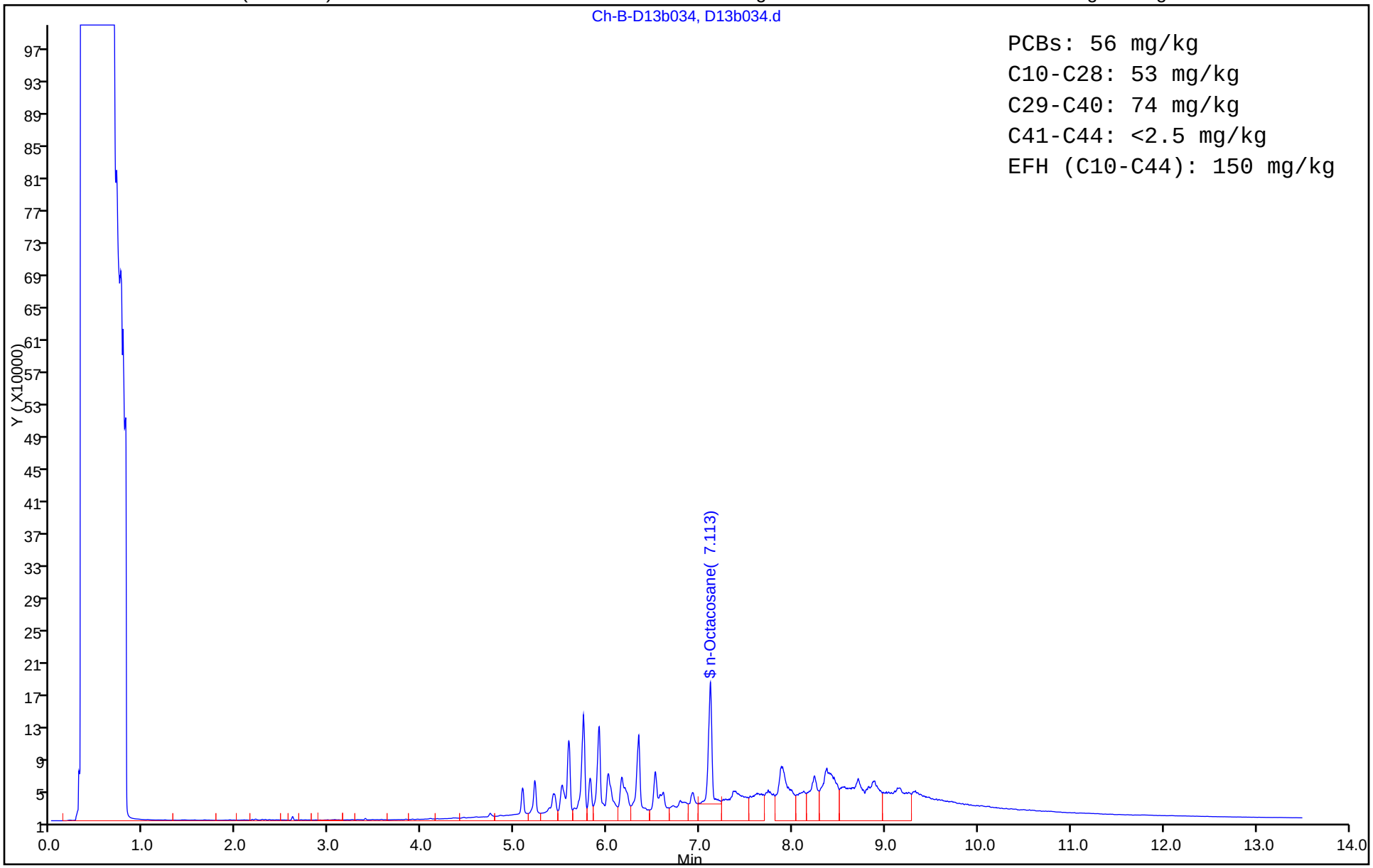


Report Date: 14-Apr-2015 15:45:21 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b034.d				
Injection Date:	13-Apr-2015 21:45:48	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-6-A	Lab Sample ID:	440-106831-6	Worklist Smp#:	34
Client ID:	VOA-6 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

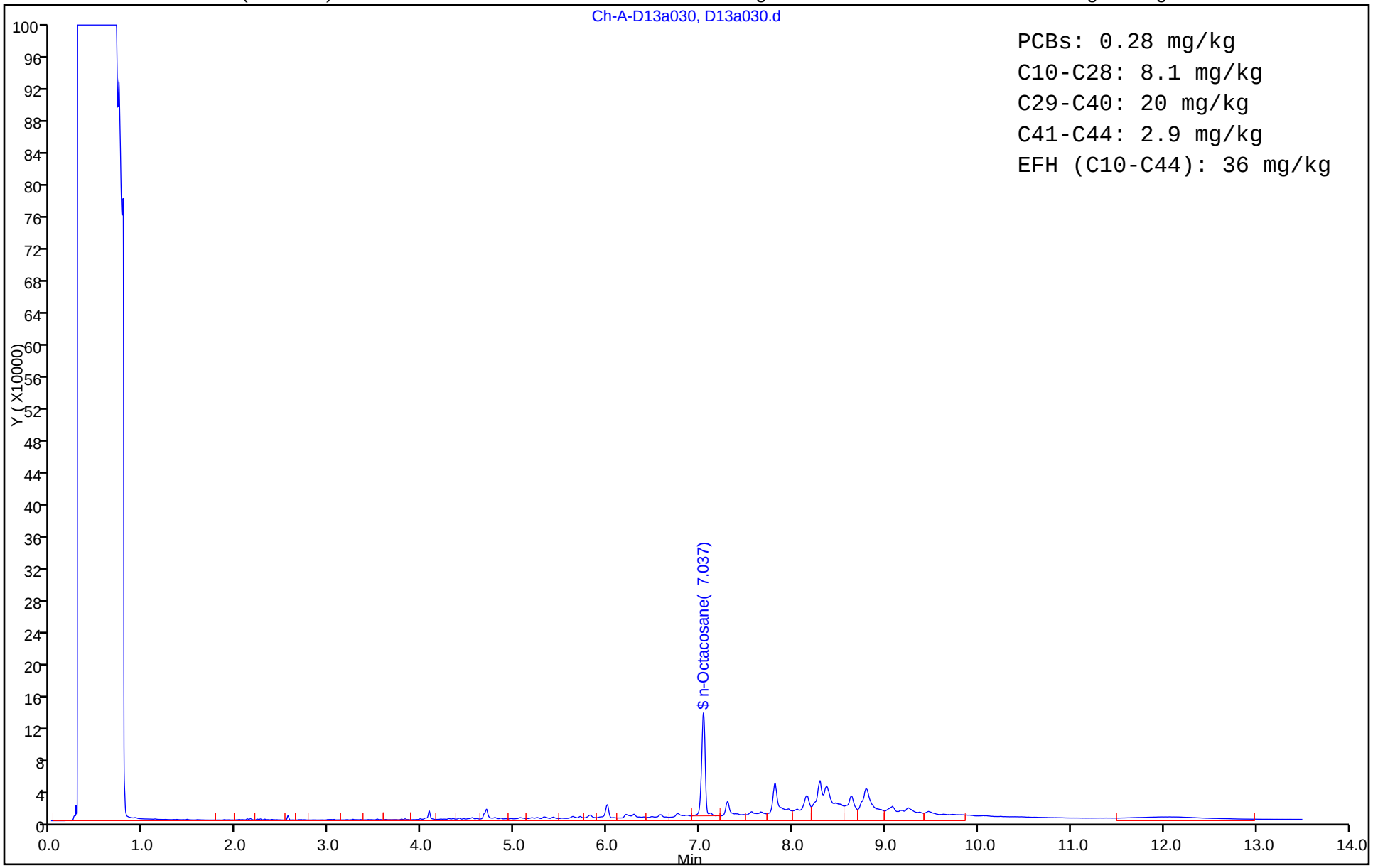


Report Date: 14-Apr-2015 15:51:28 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a030.d				
Injection Date:	13-Apr-2015 20:15:59	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-7-A	Lab Sample ID:	440-106831-7	Worklist Smp#:	30
Client ID:	VOA-7 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

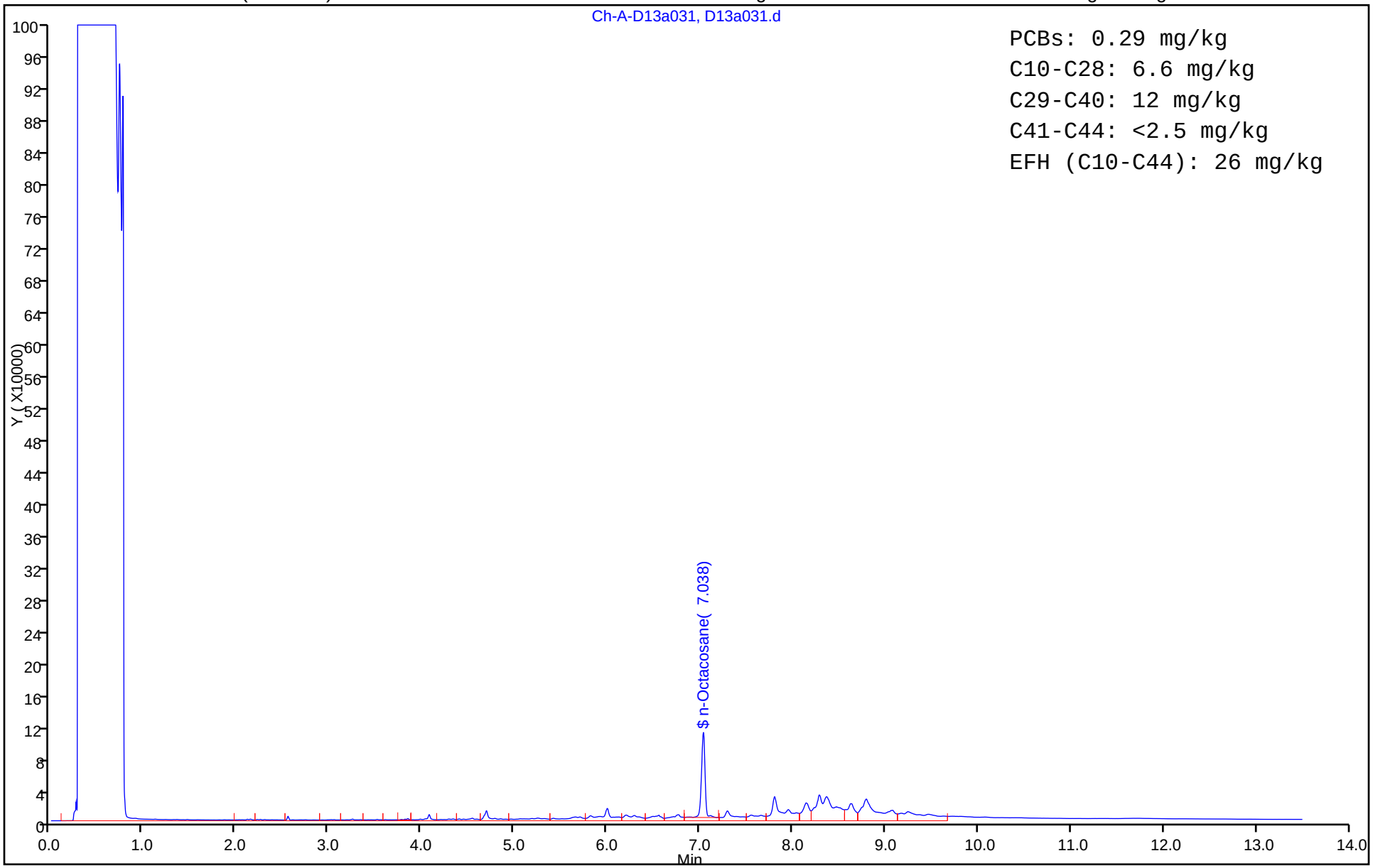


Report Date: 14-Apr-2015 15:51:39 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a031.d				
Injection Date:	13-Apr-2015 20:38:43	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-A-8-A	Lab Sample ID:	440-106831-8	Worklist Smp#:	31
Client ID:	VOA-8 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

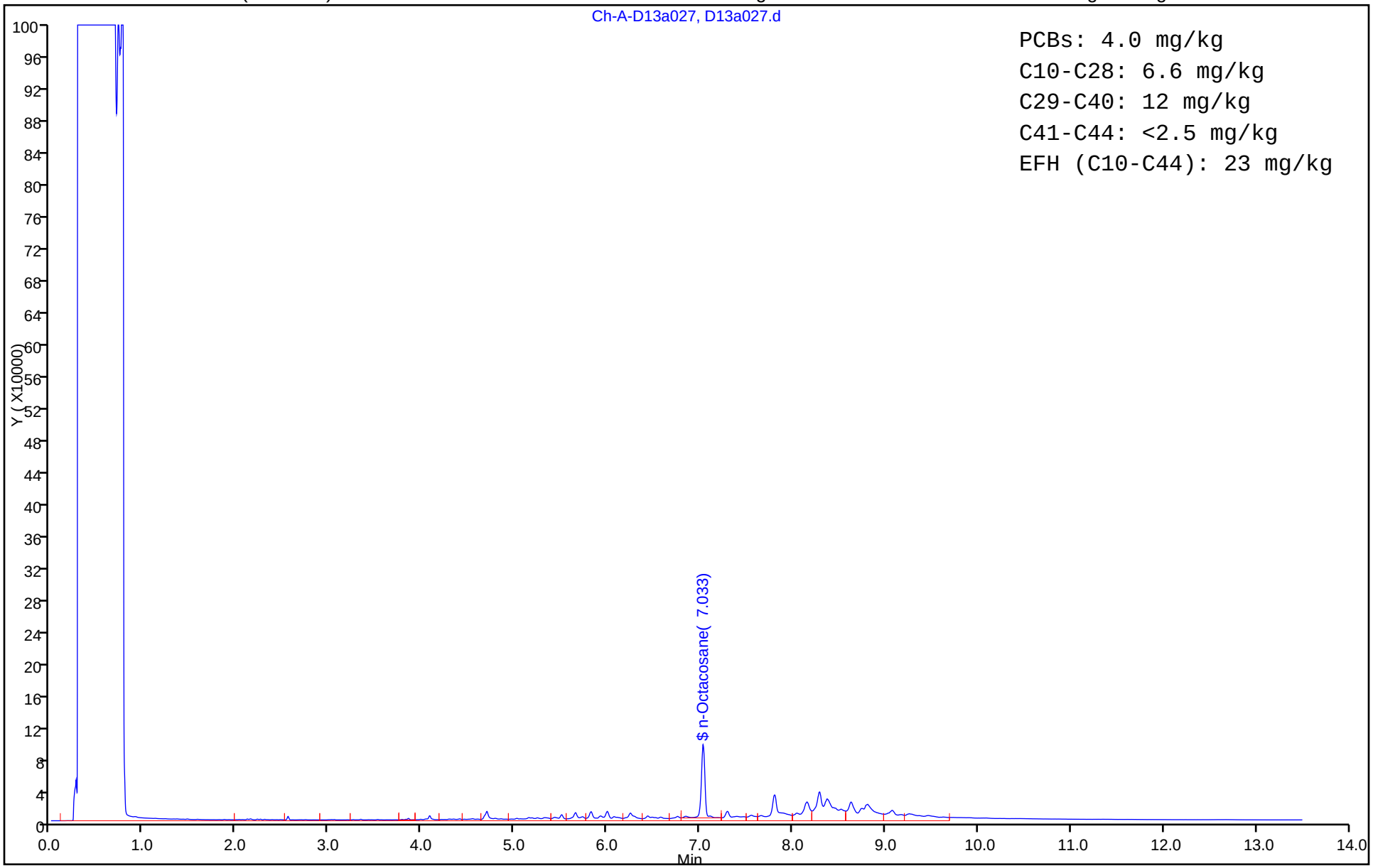


Report Date: 14-Apr-2015 15:50:59 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a027.d				
Injection Date:	13-Apr-2015 19:08:49	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-9-A	Lab Sample ID:	440-106831-9	Worklist Smp#:	27
Client ID:	VOA-9 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

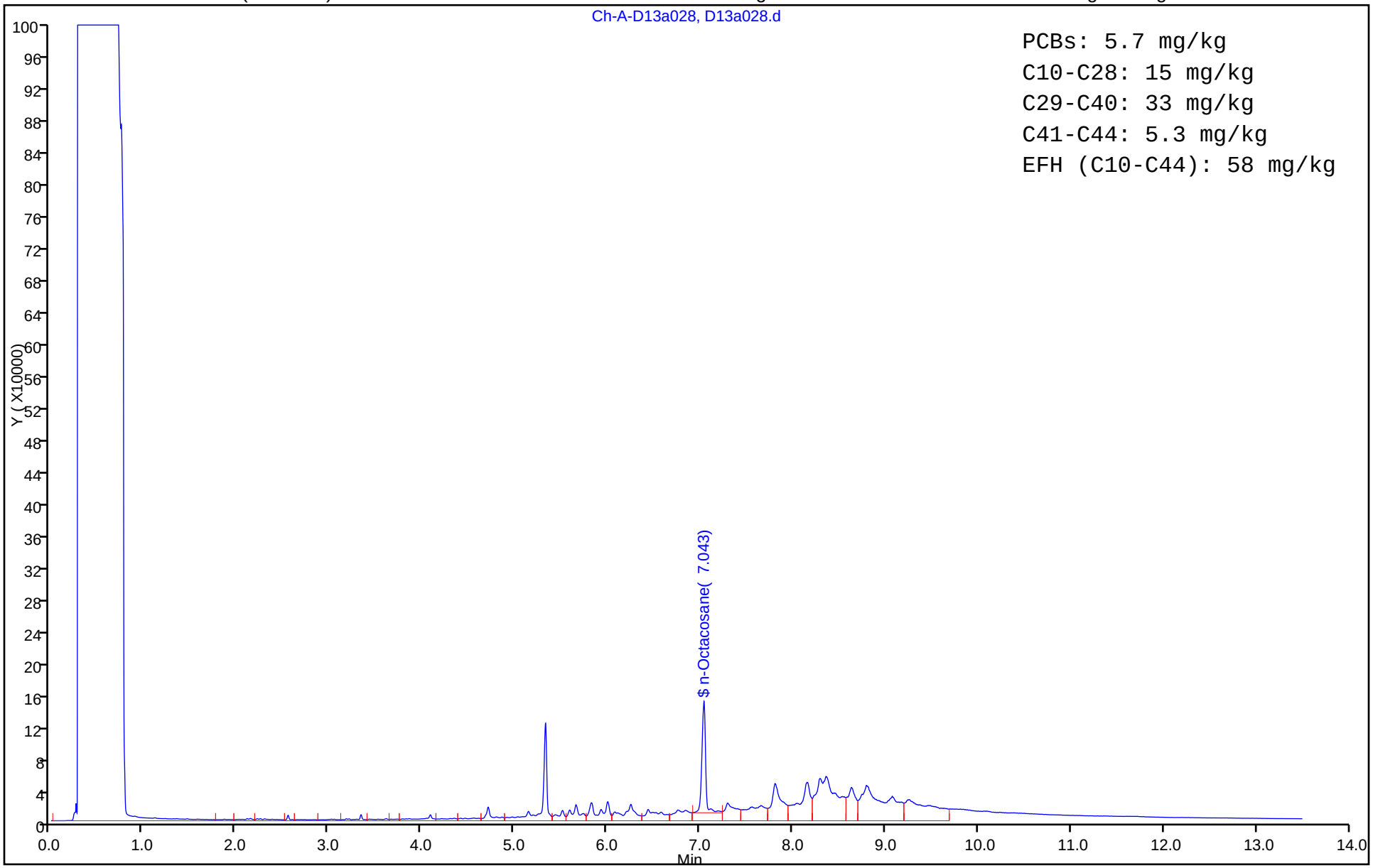


Report Date: 14-Apr-2015 15:51:09 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a028.d				
Injection Date:	13-Apr-2015 19:31:24	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-A-10-A	Lab Sample ID:	440-106831-10	Worklist Smp#:	28
Client ID:	VOA-10 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

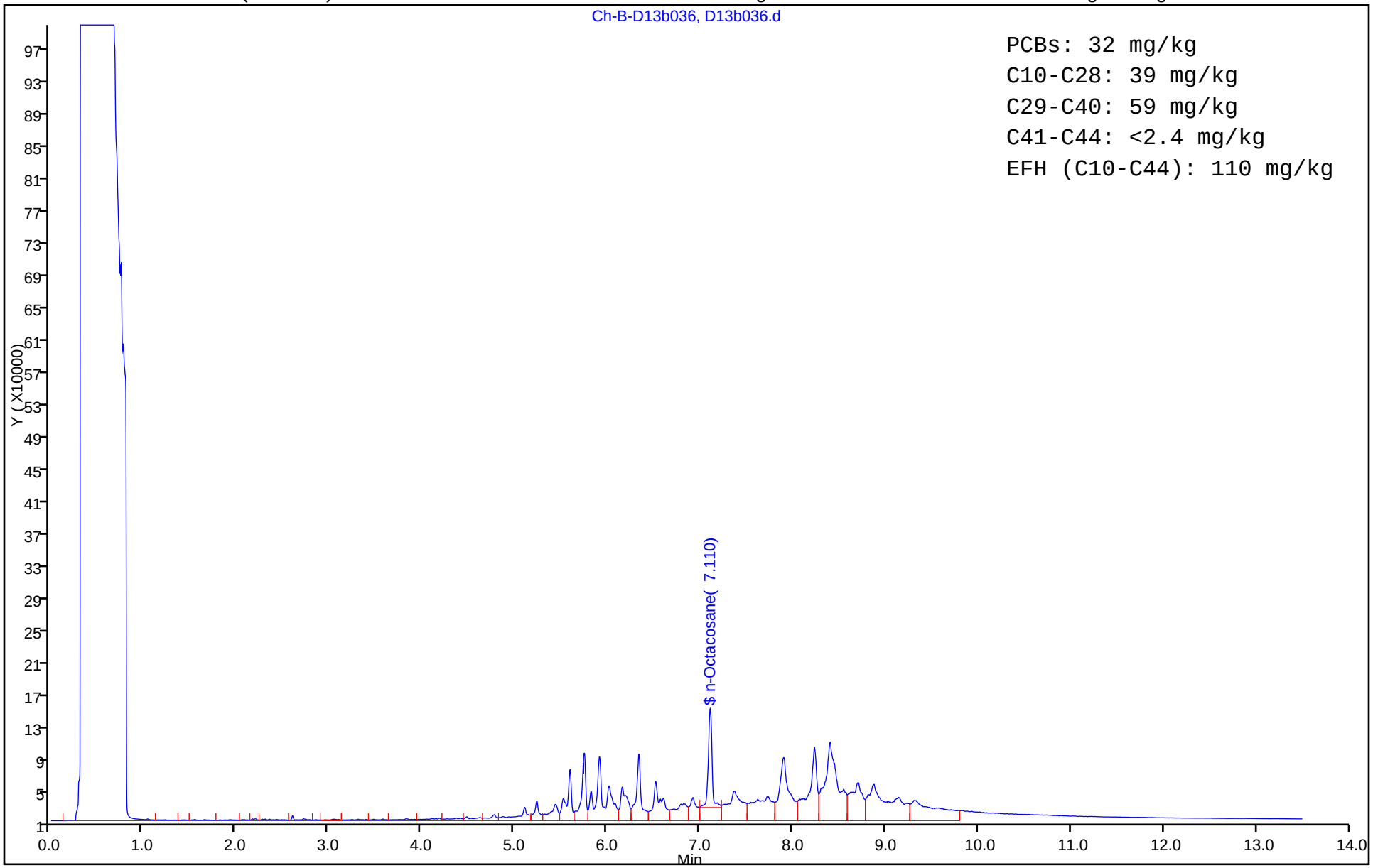


Report Date: 14-Apr-2015 15:46:00 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b036.d				
Injection Date:	13-Apr-2015 22:30:32	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-11-A	Lab Sample ID:	440-106831-11	Worklist Smp#:	36
Client ID:	VOA-11 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

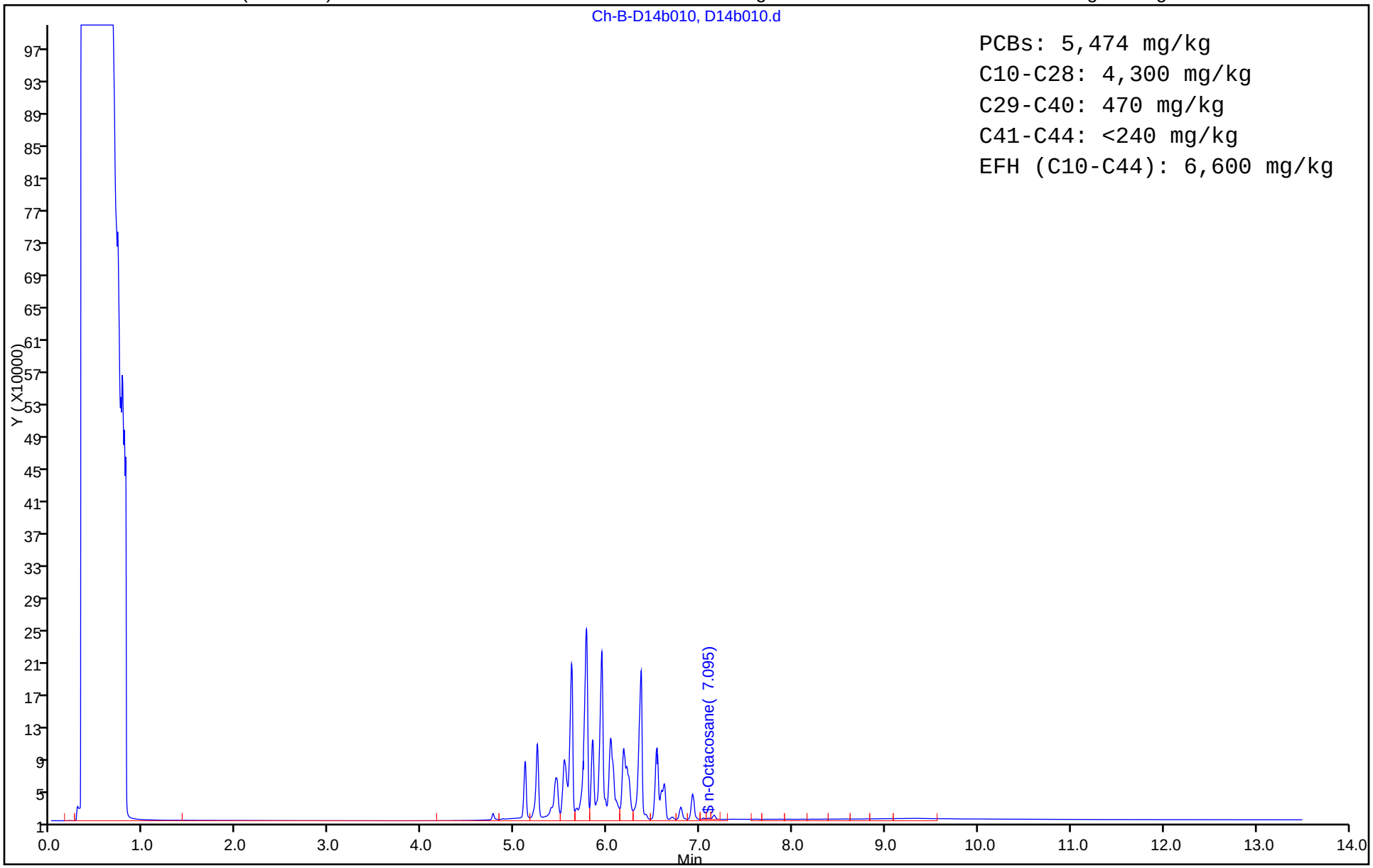


Report Date: 14-Apr-2015 15:57:50 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150414-56074.b\D14b010.d				
Injection Date:	14-Apr-2015 10:06:38	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-A-12-A	Lab Sample ID:	440-106831-12	Worklist Smp#:	10
Client ID:	VOA-12 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

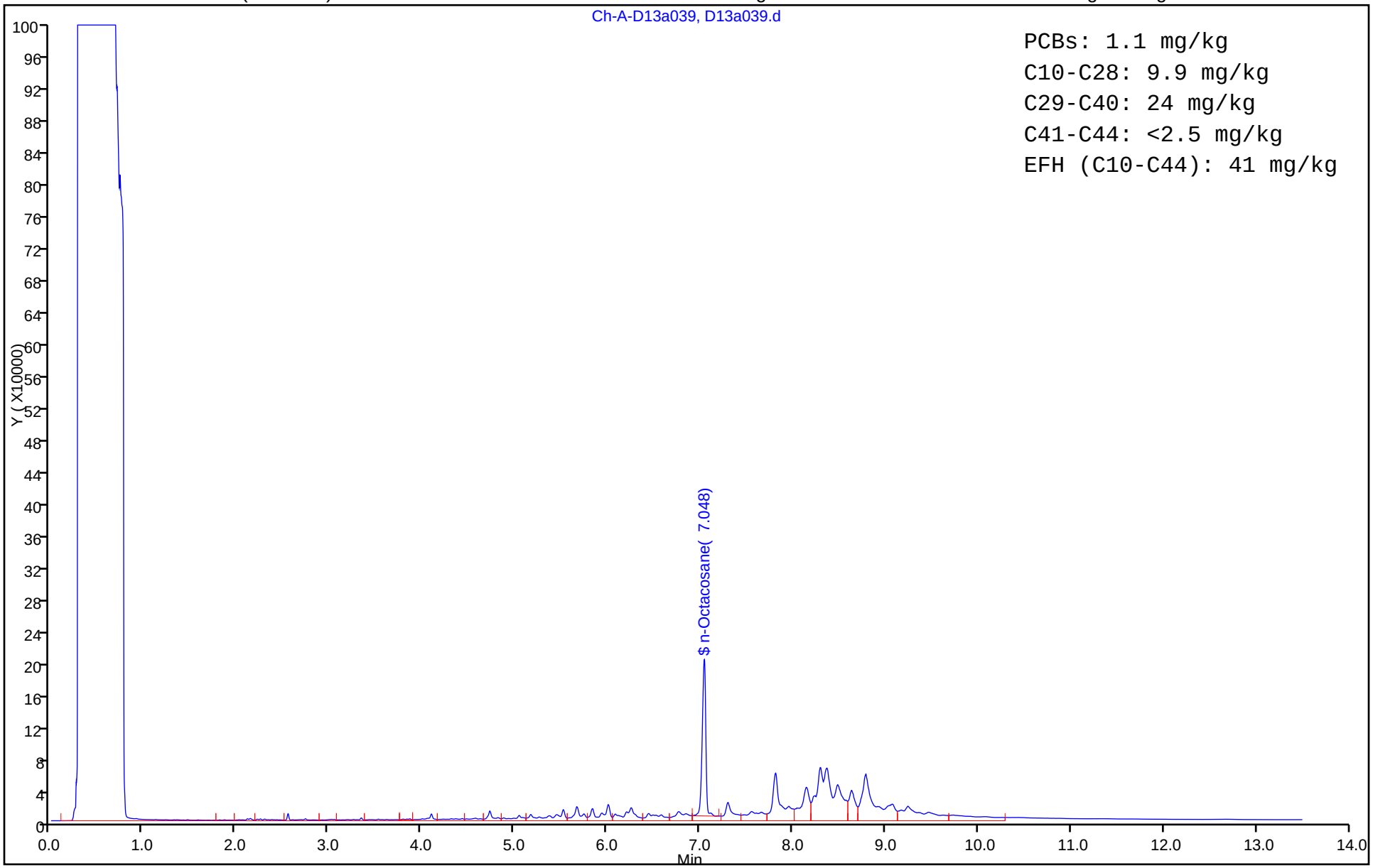


Report Date: 14-Apr-2015 15:52:19 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a039.d				
Injection Date:	13-Apr-2015 23:38:03	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-13-A	Lab Sample ID:	440-106831-13	Worklist Smp#:	39
Client ID:	VOA-13 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

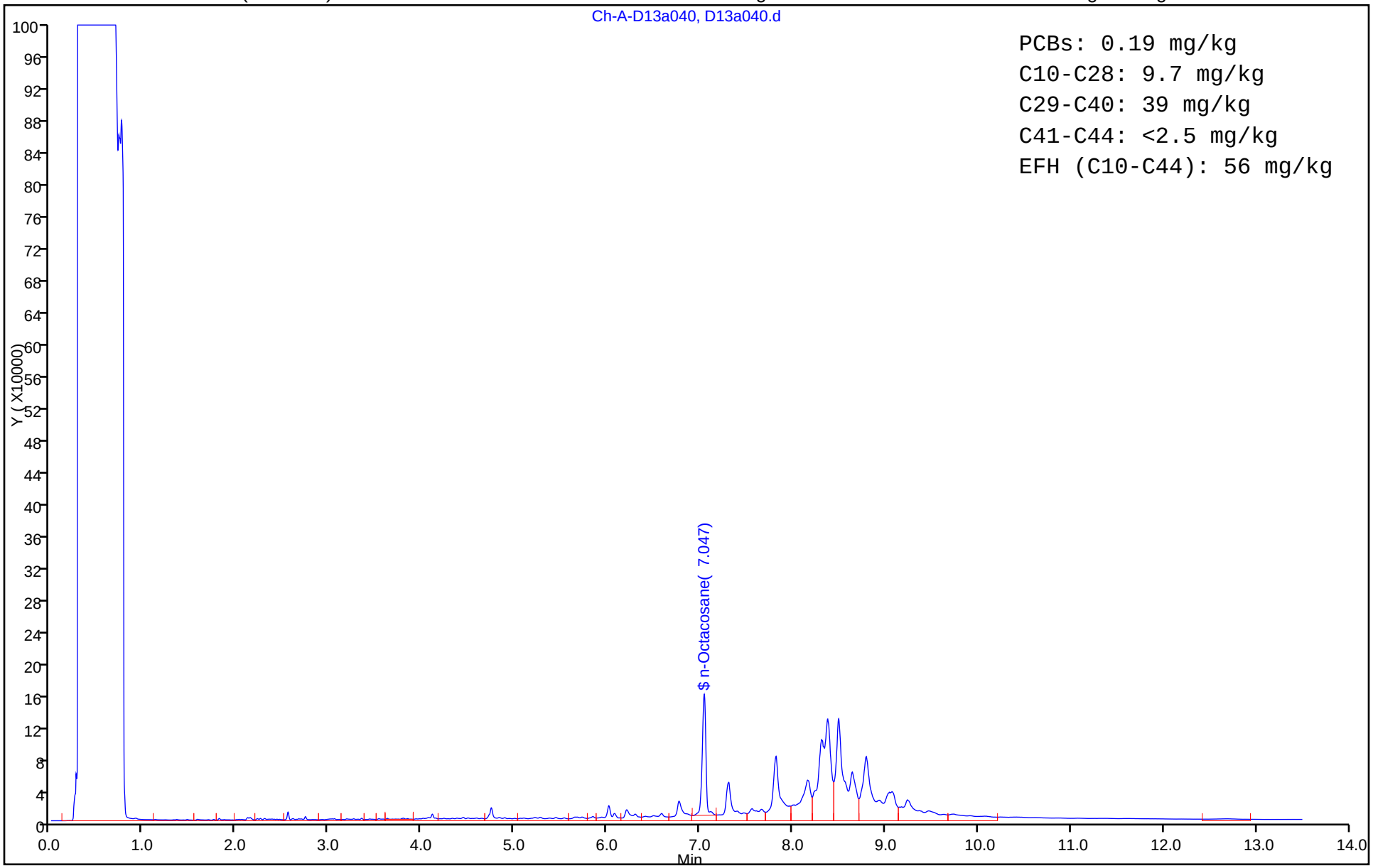


Report Date: 14-Apr-2015 15:52:28 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a040.d				
Injection Date:	14-Apr-2015 00:00:34	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-14-A	Lab Sample ID:	440-106831-14	Worklist Smp#:	40
Client ID:	VOA-14 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

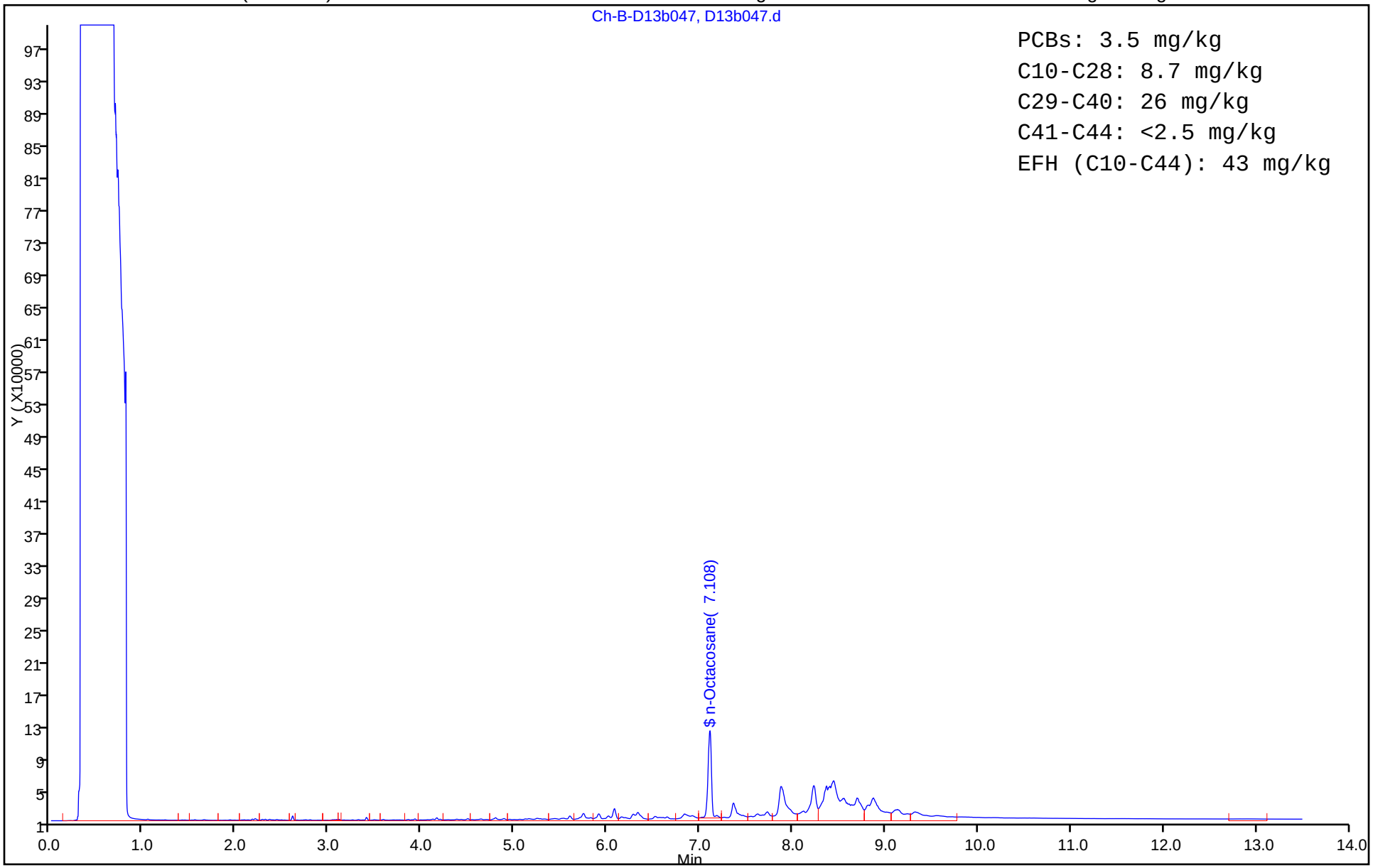


Report Date: 14-Apr-2015 15:46:10 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b047.d				
Injection Date:	14-Apr-2015 02:37:22	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-15-A	Lab Sample ID:	440-106831-15	Worklist Smp#:	47
Client ID:	VOA-15 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

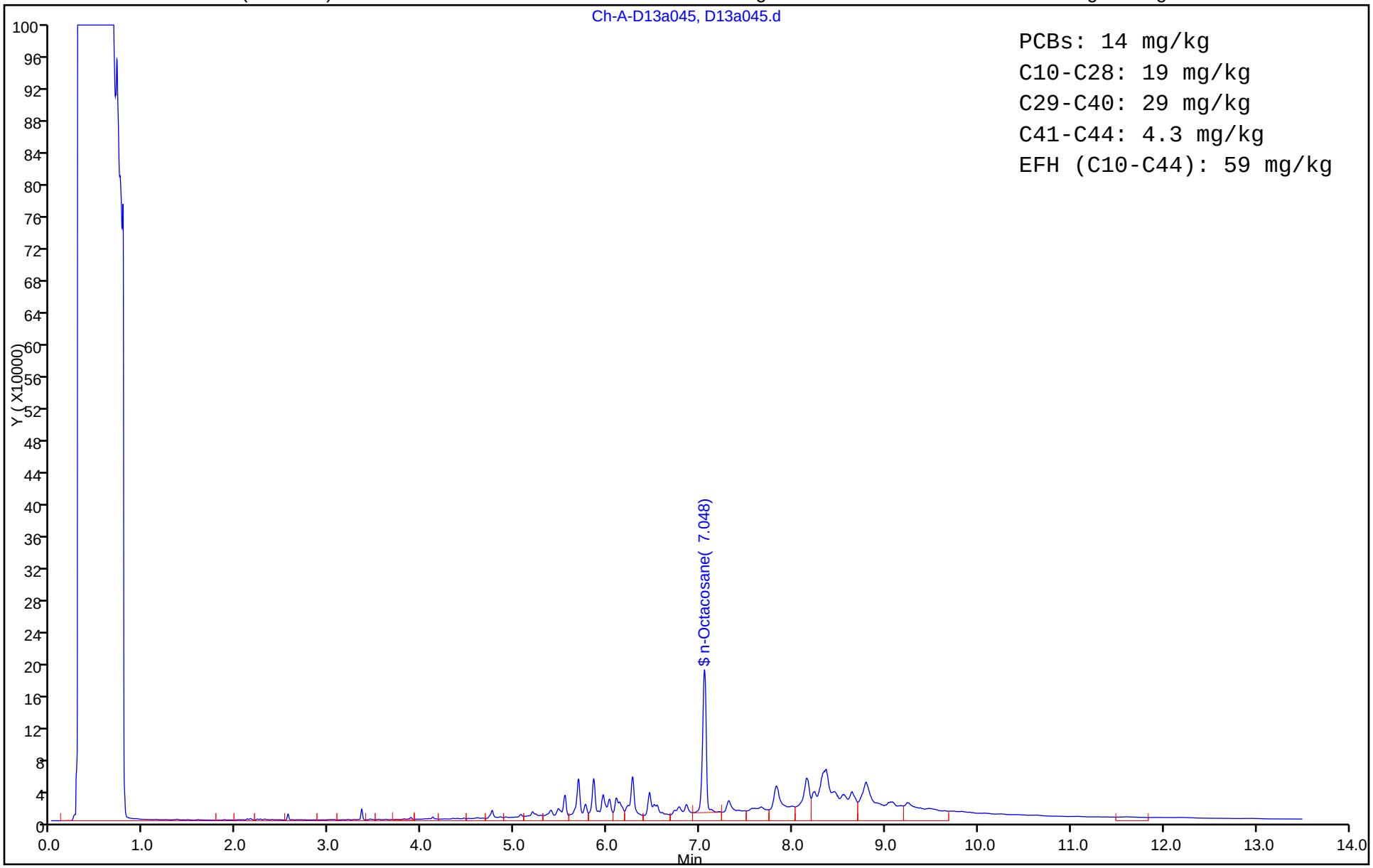


Report Date: 14-Apr-2015 15:53:12 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a045.d				
Injection Date:	14-Apr-2015 01:52:32	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-16-A	Lab Sample ID:	440-106831-16	Worklist Smp#:	45
Client ID:	VOA-16 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

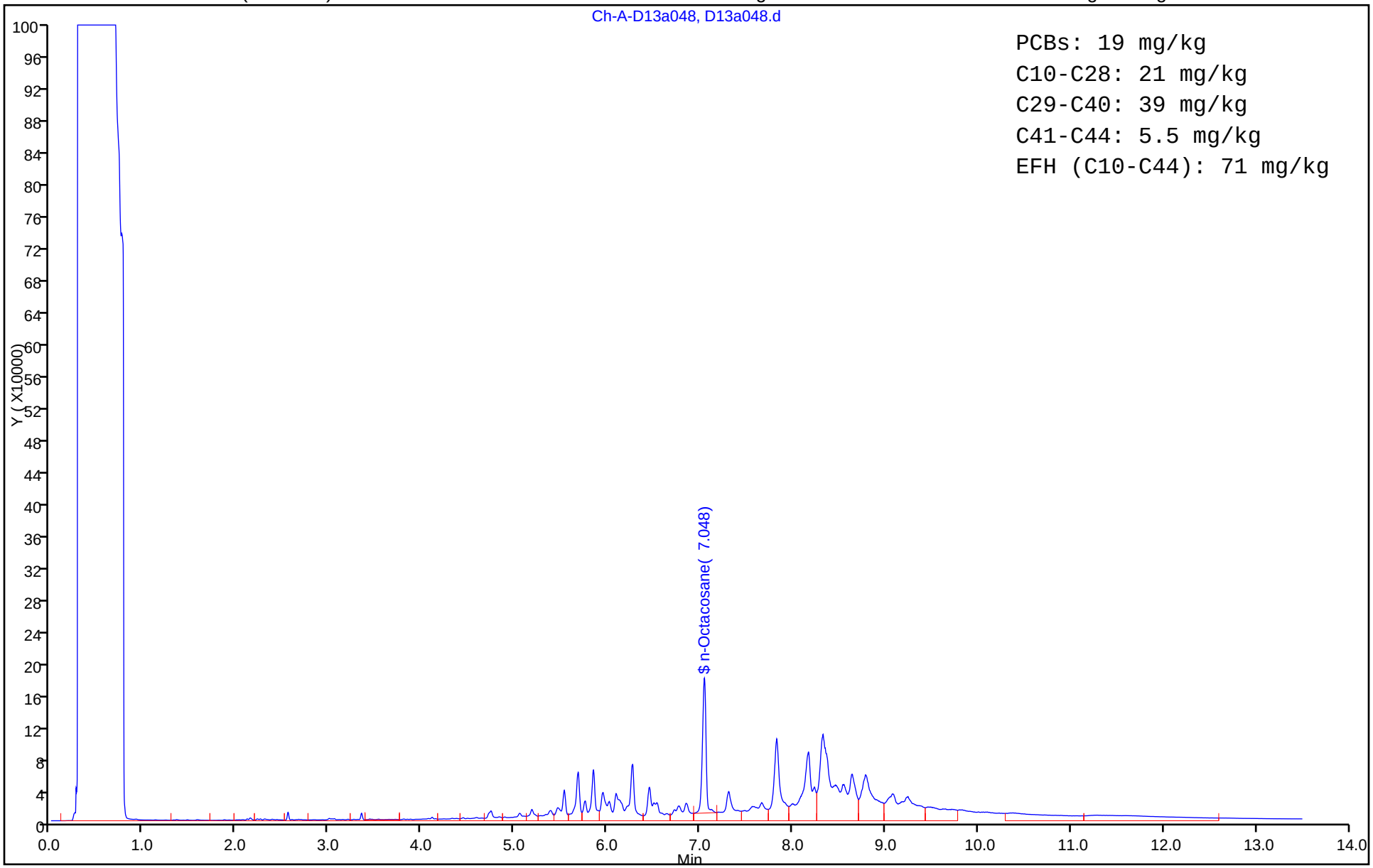


Report Date: 14-Apr-2015 15:53:43 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a048.d				
Injection Date:	14-Apr-2015 02:59:39	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-17-A	Lab Sample ID:	440-106831-17	Worklist Smp#:	48
Client ID:	VOA-17 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

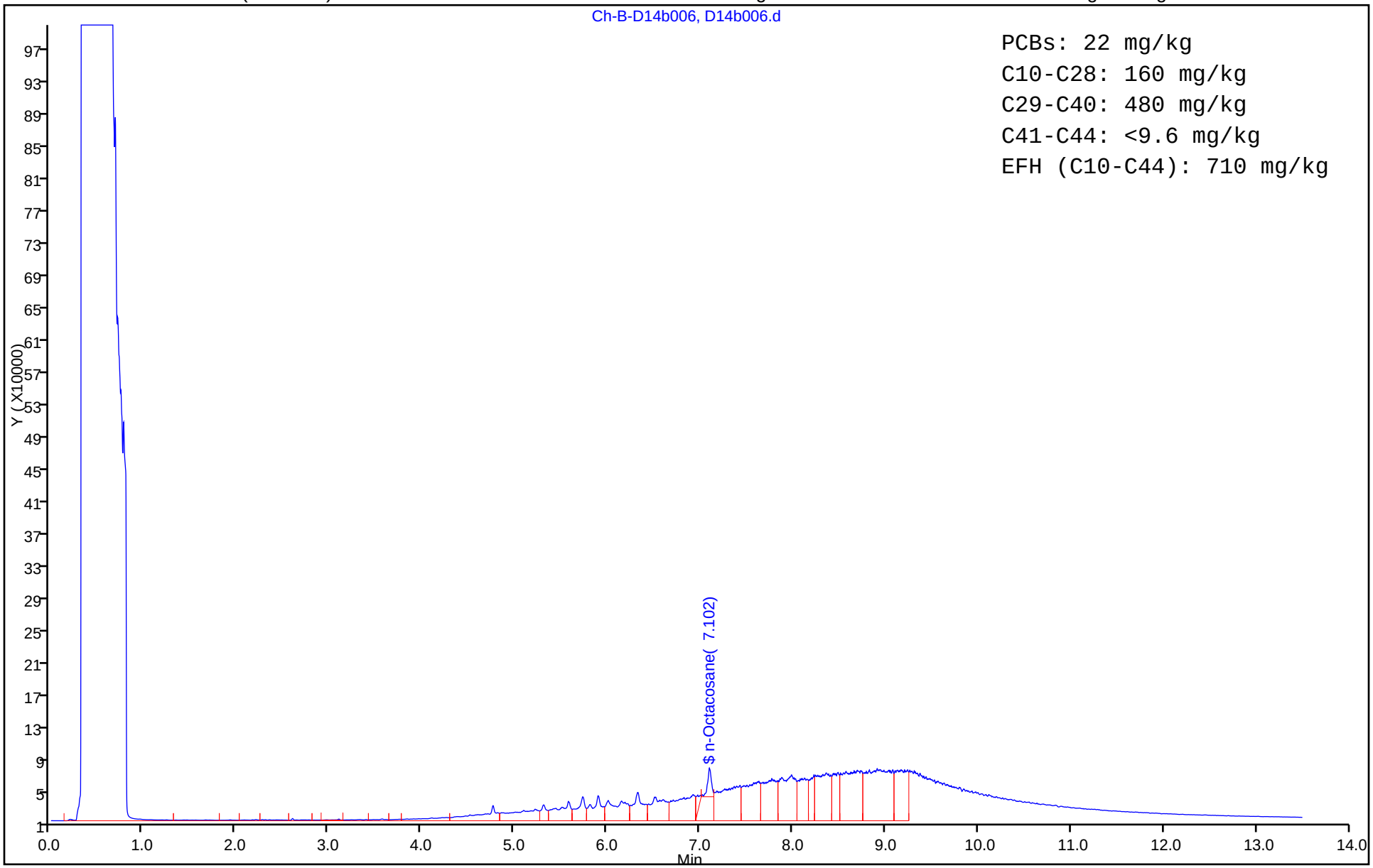


Report Date: 14-Apr-2015 15:56:40 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150414-56074.b\D14b006.d				
Injection Date:	14-Apr-2015 08:36:30	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-18-A	Lab Sample ID:	440-106831-18	Worklist Smp#:	6
Client ID:	VOA-18 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

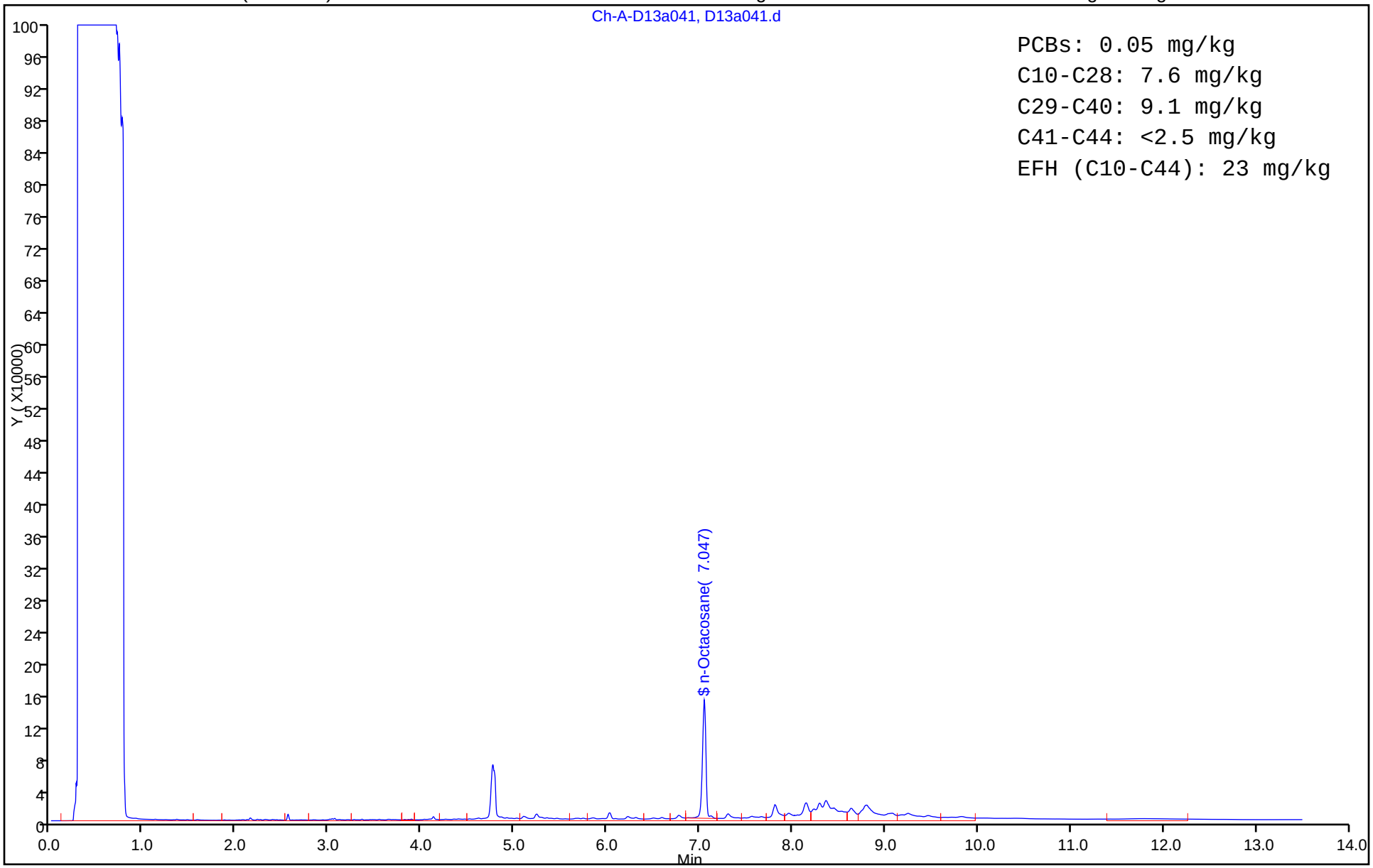


Report Date: 14-Apr-2015 15:52:37 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a041.d				
Injection Date:	14-Apr-2015 00:22:58	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-19-A	Lab Sample ID:	440-106831-19	Worklist Smp#:	41
Client ID:	VOA-19 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

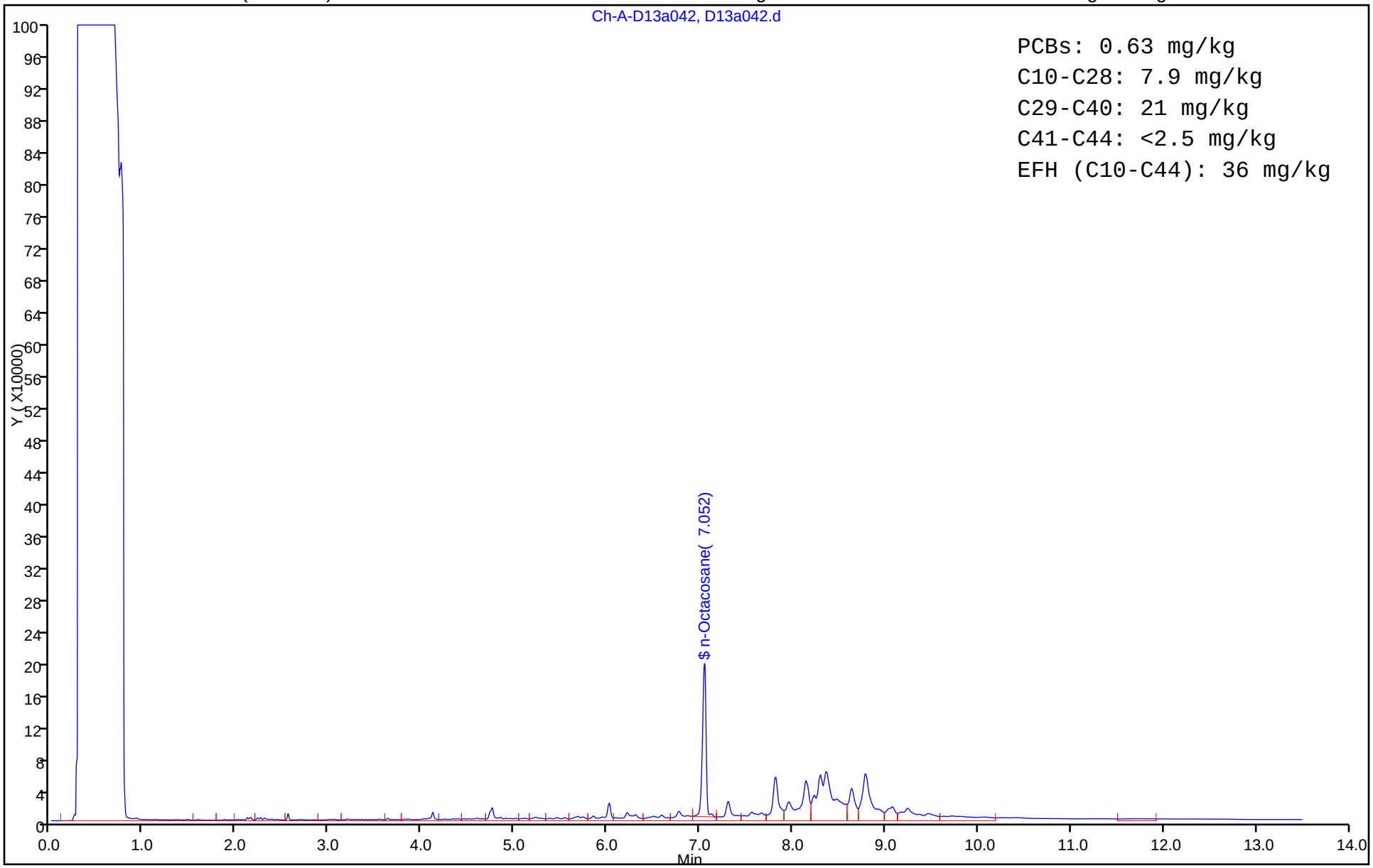


Report Date: 14-Apr-2015 15:52:46 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a042.d				
Injection Date:	14-Apr-2015 00:45:17	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-A-20-A	Lab Sample ID:	440-106831-20	Worklist Smp#:	42
Client ID:	VOA-20 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

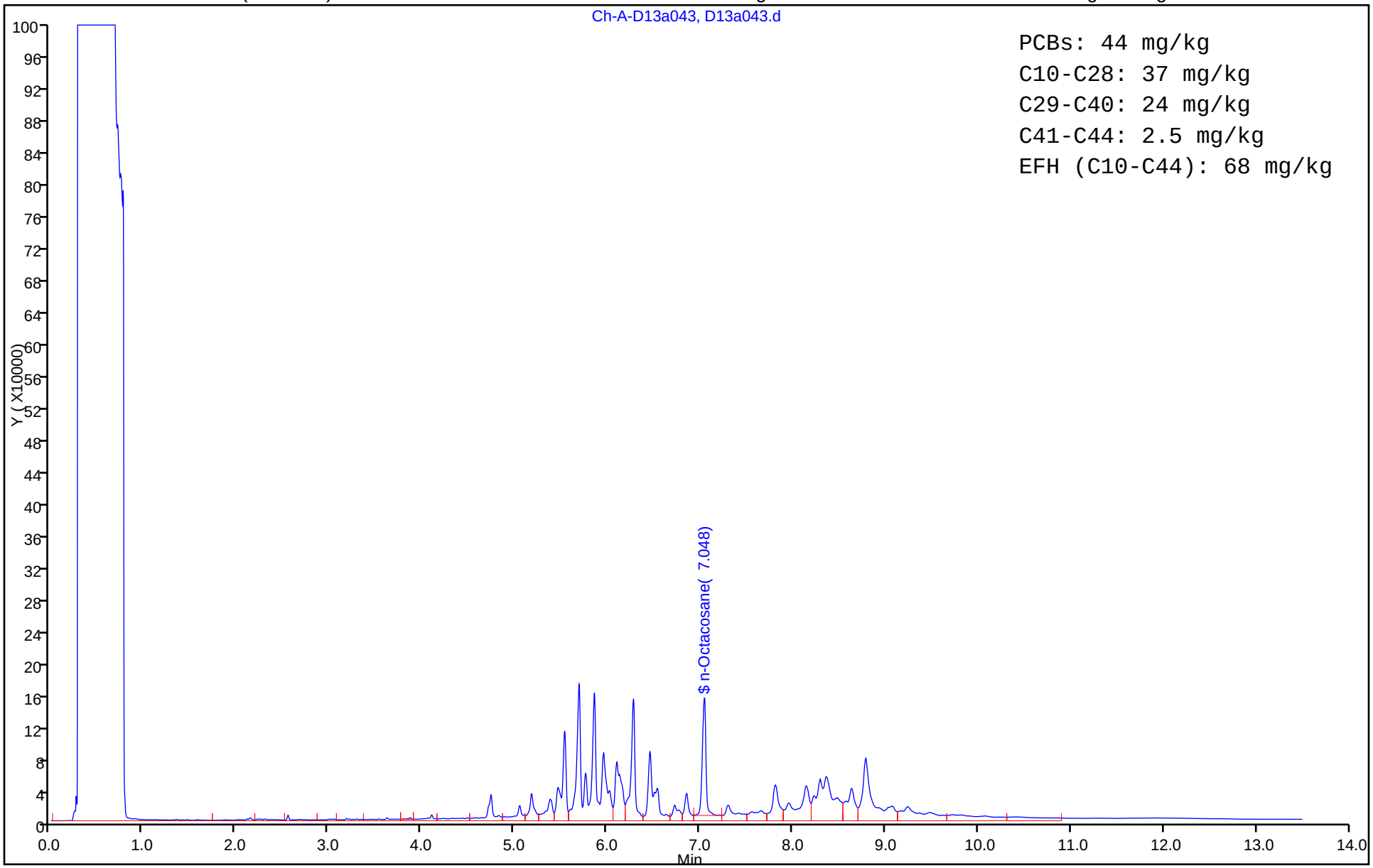


Report Date: 14-Apr-2015 15:52:55 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a043.d				
Injection Date:	14-Apr-2015 01:07:52	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-21-A	Lab Sample ID:	440-106831-21	Worklist Smp#:	43
Client ID:	VOA-21 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

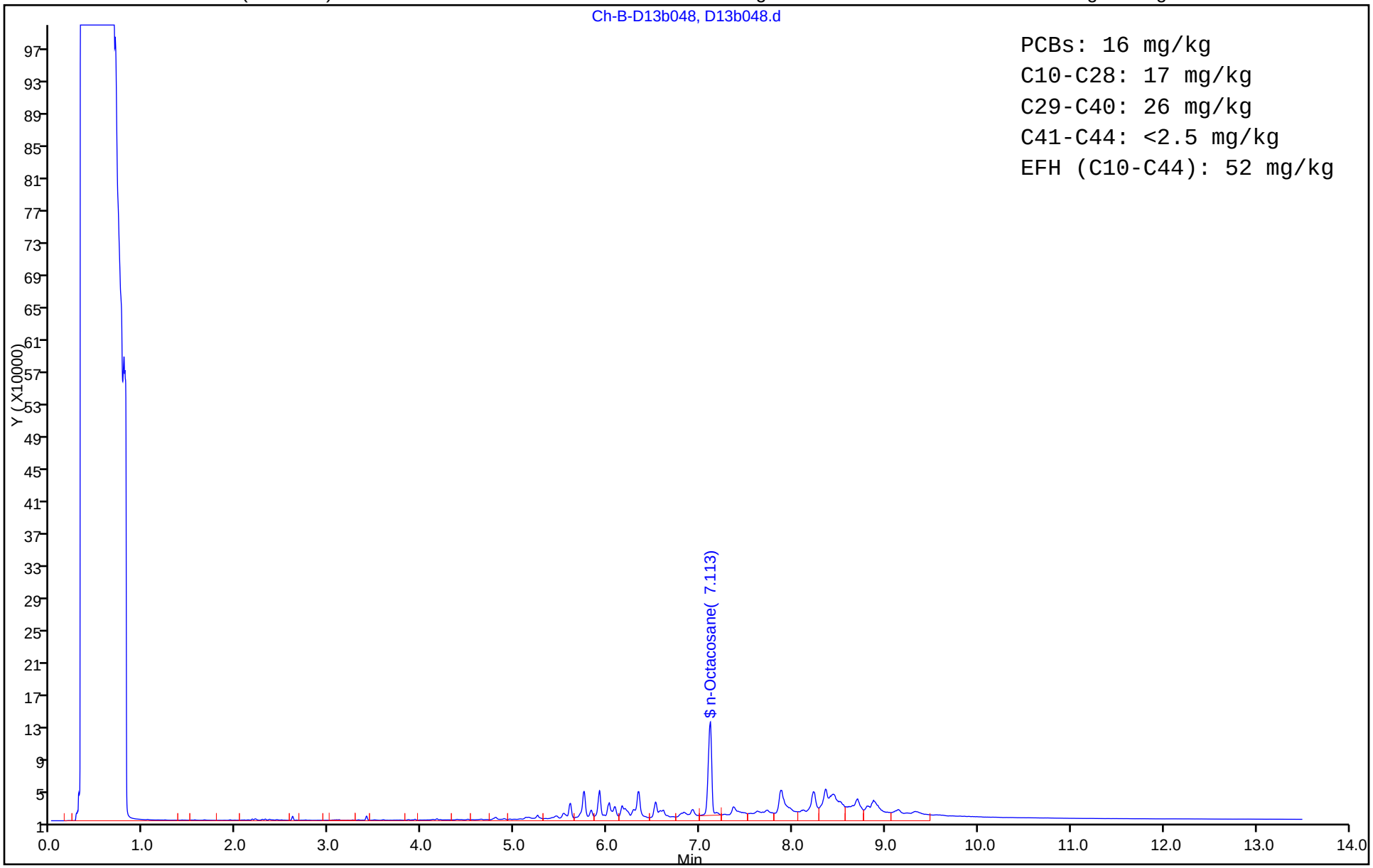


Report Date: 14-Apr-2015 15:46:24 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150413-56015.b\D13b048.d				
Injection Date:	14-Apr-2015 02:59:39	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-22-A	Lab Sample ID:	440-106831-22	Worklist Smp#:	48
Client ID:	VOA-22 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

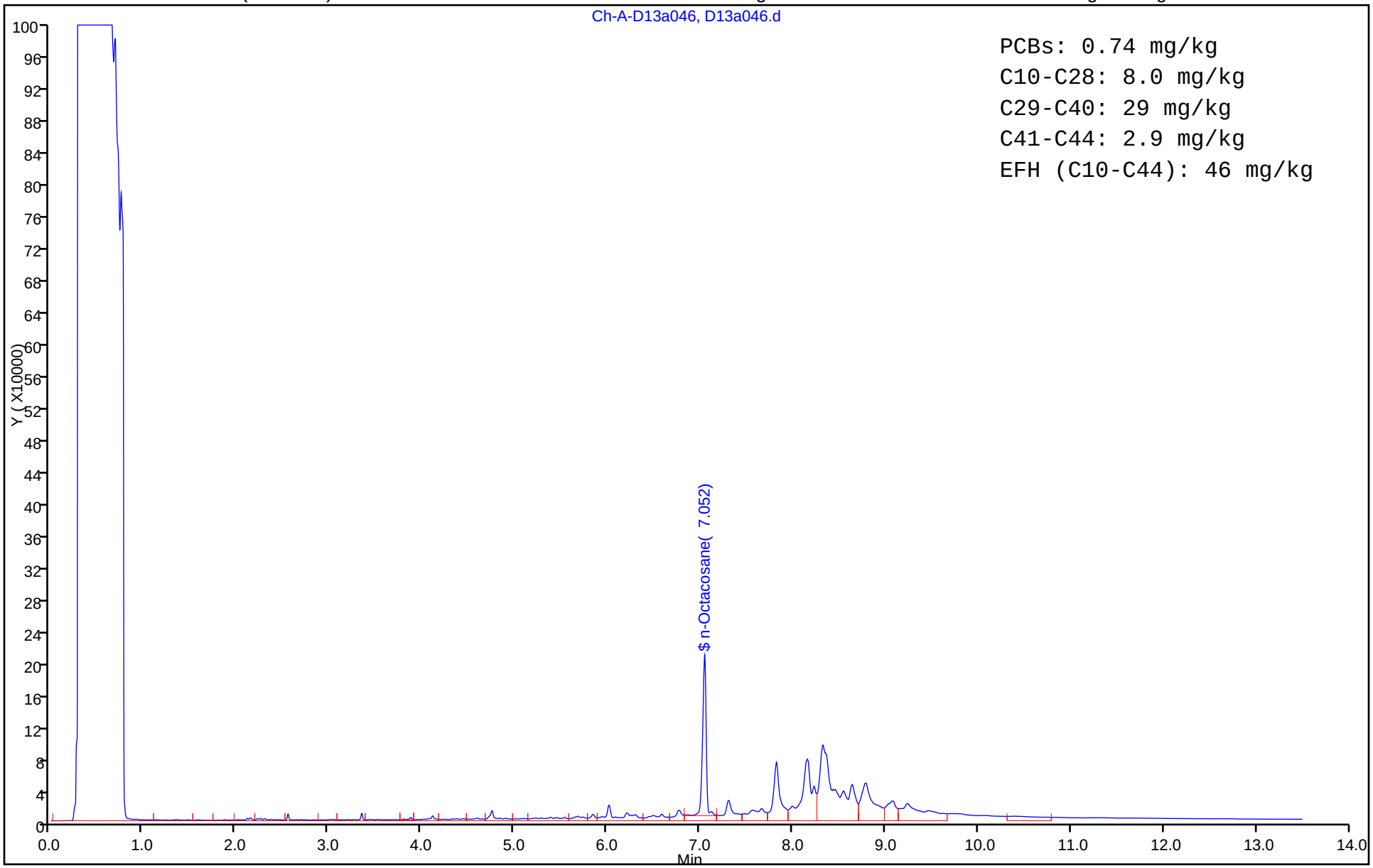


Report Date: 14-Apr-2015 15:53:21 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

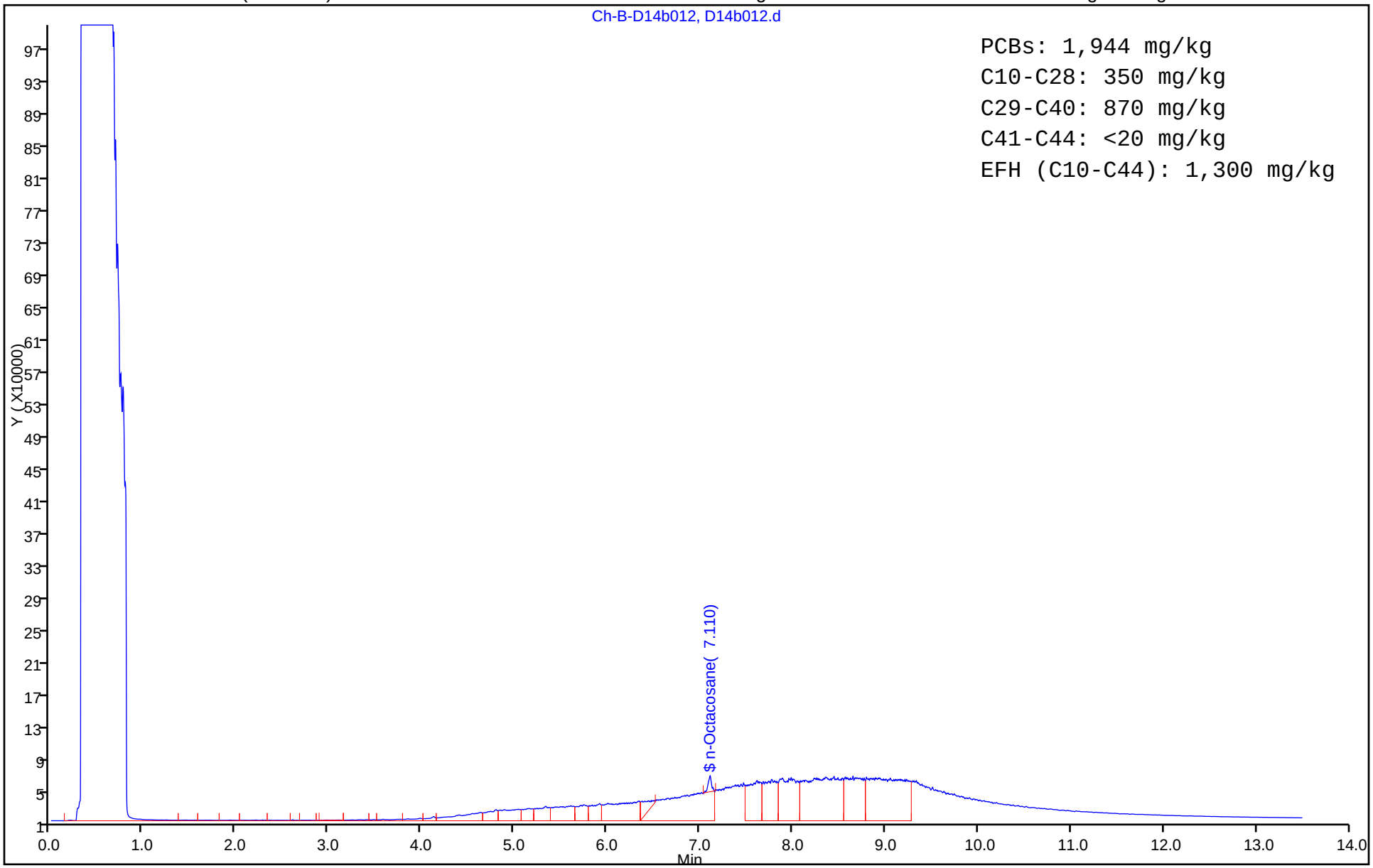
Data File:	\\Irvchrom\ChromData\GC70A\20150413-56014.b\D13a046.d				
Injection Date:	14-Apr-2015 02:15:04	Instrument ID:	GC70A	Operator ID:	irvpesti
Lims ID:	440-106831-B-23-A	Lab Sample ID:	440-106831-23	Worklist Smp#:	46
Client ID:	VOA-23 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8015DRO_70A	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 14-Apr-2015 15:59:04 Chrom Revision: 2.2 13-Mar-2015 11:20:44

TestAmerica Irvine

Data File:	\\Irvchrom\ChromData\GC70B\20150414-56074.b\D14b012.d				
Injection Date:	14-Apr-2015 10:51:24	Instrument ID:	GC70B	Operator ID:	irvpesti
Lims ID:	440-106831-B-24-A	Lab Sample ID:	440-106831-24	Worklist Smp#:	12
Client ID:	VOA-24 (TPH)				
Injection Vol:	1.0 ul	Dil. Factor:	4.0000	ALS Bottle#:	0
Method:	8015DRO_70B	Limit Group:	GC-8015DRO		

Column: ZB-5HT INFERNO (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1