

APPENDIX B
Laboratory Analytical Results

Bulk Material Analytical Results

March 05, 2010

LABORATORY REPORT

Client:
PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Attn: Steve Joseph

Work Order: HTB0121
Project Name: PVT Landfill
Project Number: [none]
Date Received: 02/22/10

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. 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, 2 pages, 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

Case Narrative: Two buckets of wood, plastic, waste and other material were provided by client. Three samples were collected by TestAmerica Honolulu from the material for the analyses following the composition details provided by client, to the best possible and with the best representative material.

SPLP Pentachlorophenol and SPLP RCRA8 were added for all samples by phone after the COC was submitted.

Mercury was detected in the SPLP method blank and the SPLP client sample at a similar level. It is possible that the mercury hit found in the client sample was contributed from contamination similar to the associated method blank.

syl 3/5/10

Samples were received into laboratory at a temperature of 25 °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.

Approved By:



Samuel A. Lui
Project Manager

NELAC Certification # E87907

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

222-01	HTB0121-01	02/22/10 12:00
222-02	HTB0121-02	02/22/10 12:00
222-03	HTB0121-03	02/22/10 12:00

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dil	Date Analyzed	Prep Date	Seq/ Batch	Method
Sample ID: HTB0121-01 (222-01 - Solid/Soil)				Sampled: 02/22/10 12:00			Recvd: 02/22/10 14:50		
SPLP Metals									
Arsenic	ND		mg/L	0.200	1	02/24/10 16:19	02/24/10	10B0182	SW1312/6010B
Barium	ND		"	0.200	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	ND		"	0.0500	"	"	"	"	"
Lead	ND		"	0.0500	"	"	"	"	"
Mercury	0.000500	B	"	0.000125	"	02/25/10 15:27	02/25/10	10B0197	SW1312/7470
Selenium	ND		"	0.200	"	02/24/10 16:19	02/24/10	10B0182	SW1312/6010B
Silver	ND		"	0.100	"	"	"	"	"
TCLP Mercury per EPA 7000 Series Methods									
Mercury	ND		mg/L	0.00250	1	02/23/10 17:31	02/23/10	10B0174	SW1311/7470
TCLP Metals									
Arsenic	ND		mg/L	0.500	1	02/23/10 18:21	02/23/10	10B0169	SW1311/6010B
Barium	ND		"	5.00	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	ND		"	0.100	"	"	"	"	"
Lead	ND		"	0.200	"	"	"	"	"
Selenium	ND		"	0.500	"	"	"	"	"
Silver	ND		"	0.300	"	"	"	"	"
Total Metals by SW 846 Series Methods									
Arsenic	233		mg/kg	11.0	10	02/24/10 19:13	02/24/10	10B0183	SW6010B
Barium	ND		"	22.0	"	"	"	"	"
Cadmium	ND		"	11.0	"	"	"	"	"
Chromium	299		"	11.0	"	"	"	"	"
Lead	31.6		"	22.0	"	"	"	"	"
Mercury	0.0477		"	0.00500	1	02/24/10 15:53	"	10B0179	SW7471
Selenium	ND		"	22.0	10	02/24/10 19:13	"	10B0183	SW6010B
Silver	ND		"	11.0	"	"	"	"	"
Sample ID: HTB0121-02 (222-02 - Solid/Soil)				Sampled: 02/22/10 12:00			Recvd: 02/22/10 14:50		
SPLP Metals									
Arsenic	ND		mg/L	0.200	1	02/24/10 16:29	02/24/10	10B0182	SW1312/6010B
Barium	ND		"	0.200	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	0.0630		"	0.0500	"	"	"	"	"
Lead	ND		"	0.0500	"	"	"	"	"
Mercury	0.000550	B	"	0.000125	"	02/25/10 15:33	02/25/10	10B0197	SW1312/7470
Selenium	ND		"	0.200	"	02/24/10 16:29	02/24/10	10B0182	SW1312/6010B
Silver	ND		"	0.100	"	"	"	"	"
TCLP Mercury per EPA 7000 Series Methods									
Mercury	ND		mg/L	0.00250	1	02/23/10 17:32	02/23/10	10B0174	SW1311/7470
TCLP Metals									
Arsenic	ND		mg/L	0.500	1	02/23/10 18:26	02/23/10	10B0169	SW1311/6010B
Barium	ND		"	5.00	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	ND		"	0.100	"	"	"	"	"

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dil	Date Analyzed	Prep Date	Seq/ Batch	Method
Sample ID: HTB0121-02 (222-02 - Solid/Soil) - cont.				Sampled: 02/22/10 12:00			Recvd: 02/22/10 14:50		
TCLP Metals - cont.									
Lead	ND		"	0.200	"	"	"	"	"
Selenium	ND		"	0.500	"	"	"	"	"
Silver	ND		"	0.300	"	"	"	"	"
Total Metals by SW 846 Series Methods									
Arsenic	111		mg/kg	9.91	10	02/24/10 19:17	02/24/10	10B0183	SW6010B
Barium	20.4		"	19.8	"	"	"	"	"
Cadmium	ND		"	9.91	"	"	"	"	"
Chromium	148		"	9.91	"	"	"	"	"
Lead	ND		"	19.8	"	"	"	"	"
Mercury	0.0385		"	0.00500	1	02/24/10 15:54	"	10B0179	SW7471
Selenium	ND		"	19.8	10	02/24/10 19:17	"	10B0183	SW6010B
Silver	ND		"	9.91	"	"	"	"	"
Sample ID: HTB0121-03 (222-03 - Solid/Soil)				Sampled: 02/22/10 12:00			Recvd: 02/22/10 14:50		
SPLP Metals									
Arsenic	ND		mg/L	0.200	1	02/24/10 16:34	02/24/10	10B0182	SW1312/6010B
Barium	ND		"	0.200	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	ND		"	0.0500	"	"	"	"	"
Lead	ND		"	0.0500	"	"	"	"	"
Mercury	0.000650	B	"	0.000125	"	02/25/10 15:34	02/25/10	10B0197	SW1312/7470
Selenium	ND		"	0.200	"	02/24/10 16:34	02/24/10	10B0182	SW1312/6010B
Silver	ND		"	0.100	"	"	"	"	"
TCLP Mercury per EPA 7000 Series Methods									
Mercury	ND		mg/L	0.00250	1	02/23/10 17:36	02/23/10	10B0174	SW1311/7470
TCLP Metals									
Arsenic	ND		mg/L	0.500	1	02/23/10 18:31	02/23/10	10B0169	SW1311/6010B
Barium	ND		"	5.00	"	"	"	"	"
Cadmium	ND		"	0.0500	"	"	"	"	"
Chromium	ND		"	0.100	"	"	"	"	"
Lead	ND		"	0.200	"	"	"	"	"
Selenium	ND		"	0.500	"	"	"	"	"
Silver	ND		"	0.300	"	"	"	"	"
Total Metals by SW 846 Series Methods									
Arsenic	122		mg/kg	10.1	10	02/24/10 19:22	02/24/10	10B0183	SW6010B
Barium	ND		"	20.3	"	"	"	"	"
Cadmium	ND		"	10.1	"	"	"	"	"
Chromium	161		"	10.1	"	"	"	"	"
Lead	ND		"	20.3	"	"	"	"	"
Mercury	0.0613		"	0.00500	1	02/24/10 15:55	"	10B0179	SW7471
Selenium	ND		"	20.3	10	02/24/10 19:22	"	10B0183	SW6010B
Silver	ND		"	10.1	"	"	"	"	"

PVT Land Company
 87-2020 Farrington Hwy.
 Waianae, HI 96792
 Steve Joseph

Work Order: HTB0121
 Project: PVT Landfill
 Project Number: [none]

Received: 02/22/10
 Reported: 03/05/10 13:53

LABORATORY BLANK QC DATA

Analyte	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup % REC	% REC Limits	RPD RPD	RPD Limit	Q
SPLP Metals													
Batch\Seq: 10B0182 Extracted: 02/24/10													
Blank Analyzed: 02/24/2010 (10B0182-BLK1)													
Arsenic			mg/L	N/A	0.200	ND							
Barium			mg/L	N/A	0.200	ND							
Cadmium			mg/L	N/A	0.0500	ND							
Chromium			mg/L	N/A	0.0500	ND							
Lead			mg/L	N/A	0.0500	0.0697							A-01,B
Selenium			mg/L	N/A	0.200	ND							
Silver			mg/L	N/A	0.100	ND							
Batch\Seq: 10B0197 Extracted: 02/25/10													
Blank Analyzed: 02/25/2010 (10B0197-BLK1)													
Mercury			mg/L	N/A	0.000125	0.000250							B
TCLP Mercury per EPA 7000 Series Methods													
Batch\Seq: 10B0174 Extracted: 02/23/10													
Blank Analyzed: 02/23/2010 (10B0174-BLK1)													
Mercury			mg/L	N/A	0.00250	ND							
Blank Analyzed: 02/23/2010 (10B0174-BLK2)													
Mercury			mg/L	N/A	0.00250	ND							
TCLP Metals													
Batch\Seq: 10B0169 Extracted: 02/23/10													
Blank Analyzed: 02/23/2010 (10B0169-BLK1)													
Arsenic			mg/L	N/A	0.500	ND							
Barium			mg/L	N/A	5.00	ND							
Cadmium			mg/L	N/A	0.0500	ND							
Chromium			mg/L	N/A	0.100	ND							
Lead			mg/L	N/A	0.200	ND							
Selenium			mg/L	N/A	0.500	ND							
Silver			mg/L	N/A	0.300	ND							
Blank Analyzed: 02/23/2010 (10B0169-BLK2)													
Arsenic			mg/L	N/A	0.500	ND							
Barium			mg/L	N/A	5.00	ND							
Cadmium			mg/L	N/A	0.0500	ND							
Chromium			mg/L	N/A	0.100	ND							
Lead			mg/L	N/A	0.200	ND							
Selenium			mg/L	N/A	0.500	ND							
Silver			mg/L	N/A	0.300	ND							
Total Metals by SW 846 Series Methods													
Batch\Seq: 10B0179 Extracted: 02/24/10													
Blank Analyzed: 02/24/2010 (10B0179-BLK1)													
Mercury			mg/kg	N/A	0.00500	ND							
Batch\Seq: 10B0183 Extracted: 02/24/10													
Blank Analyzed: 02/24/2010 (10B0183-BLK1)													
Arsenic			mg/kg	N/A	1.00	ND							
Barium			mg/kg	N/A	2.00	ND							

PVT Land Company
 87-2020 Farrington Hwy.
 Waianae, HI 96792
 Steve Joseph

Work Order: HTB0121
 Project: PVT Landfill
 Project Number: [none]

Received: 02/22/10
 Reported: 03/05/10 13:53

LABORATORY BLANK QC DATA

Analyte	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Total Metals by SW 846 Series Methods													
Batch\Seq: 10B0183 Extracted: 02/24/10													
Blank Analyzed: 02/24/2010 (10B0183-BLK1)													
Cadmium			mg/kg	N/A	1.00	ND							
Chromium			mg/kg	N/A	1.00	ND							
Lead			mg/kg	N/A	2.00	ND							
Selenium			mg/kg	N/A	2.00	ND							
Silver			mg/kg	N/A	1.00	ND							

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

LCS/LCS DUPLICATE QC DATA

Analyte	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup % REC	% REC Limits	RPD	RPD Limit	Q
SPLP Metals													
Batch/Seq: 10B0182 Extracted: 02/24/10													
LCS Analyzed: 02/24/2010 (10B0182-BS1)													
Arsenic		20.0	mg/L	N/A	0.200	20.0		100		80-120			
Barium		20.0	mg/L	N/A	0.200	19.5		98		80-120			
Cadmium		20.0	mg/L	N/A	0.0500	19.5		97		80-120			
Chromium		20.0	mg/L	N/A	0.0500	19.5		97		80-120			
Lead		20.0	mg/L	N/A	0.0500	18.3		92		80-120			
Selenium		20.0	mg/L	N/A	0.200	20.3		101		80-120			
Silver		2.00	mg/L	N/A	0.100	2.01		100		80-120			
Batch/Seq: 10B0197 Extracted: 02/25/10													
LCS Analyzed: 02/25/2010 (10B0197-BS1)													
Mercury		0.0100	mg/L	N/A	0.000125	0.0101		101		80-120			
TCLP Mercury per EPA 7000 Series Methods													
Batch/Seq: 10B0174 Extracted: 02/23/10													
LCS Analyzed: 02/23/2010 (10B0174-BS1)													
Mercury		0.0100	mg/L	N/A	0.00250	0.00990		99		80-120			
TCLP Metals													
Batch/Seq: 10B0169 Extracted: 02/23/10													
LCS Analyzed: 02/23/2010 (10B0169-BS1)													
Arsenic		20.0	mg/L	N/A	0.500	21.0		105		80-120			
Barium		20.0	mg/L	N/A	5.00	19.9		100		80-120			
Cadmium		20.0	mg/L	N/A	0.0500	17.9		89		80-120			
Chromium		20.0	mg/L	N/A	0.100	19.0		95		80-120			
Lead		20.0	mg/L	N/A	0.200	21.3		106		80-120			
Selenium		20.0	mg/L	N/A	0.500	21.4		107		80-120			
Silver		2.00	mg/L	N/A	0.300	1.80		90		80-120			
Total Metals by SW 846 Series Methods													
Batch/Seq: 10B0179 Extracted: 02/24/10													
LCS Analyzed: 02/24/2010 (10B0179-BS1)													
Mercury		0.524	mg/kg	N/A	0.0500	0.537		102		80-120			
Batch/Seq: 10B0183 Extracted: 02/24/10													
LCS Analyzed: 02/24/2010 (10B0183-BS1)													
Arsenic		100	mg/kg	N/A	10.0	101		101		80-120			
Barium		100	mg/kg	N/A	20.0	101		101		80-120			
Cadmium		100	mg/kg	N/A	10.0	102		102		80-120			
Chromium		100	mg/kg	N/A	10.0	98.3		98		80-120			
Lead		100	mg/kg	N/A	20.0	94.6		95		80-120			
Selenium		100	mg/kg	N/A	20.0	100		100		80-120			
Silver		10.0	mg/kg	N/A	10.0	9.65		97		80-120			

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup % REC	% REC Limits	RPD RPD	RPD Limit	Q
SPLP Metals													
Batch/Seq: 10B0182 Extracted: 02/24/10													
Matrix Spike Analyzed: 02/24/2010 (10B0182-MS1)				QC Source Sample: HTB0121-01									
Arsenic	ND	20.0	mg/L	N/A	0.200	20.2	19.0	101	95	80-120	6	20	
Barium	0.104	20.0	mg/L	N/A	0.200	19.7	18.6	98	92	80-120	6	20	
Cadmium	ND	20.0	mg/L	N/A	0.0500	19.7	18.9	99	95	80-120	4	20	
Chromium	ND	20.0	mg/L	N/A	0.0500	19.6	18.6	98	93	80-120	5	20	
Lead	ND	20.0	mg/L	N/A	0.0500	18.4	17.5	92	88	80-120	5	20	
Selenium	ND	20.0	mg/L	N/A	0.200	20.6	19.5	103	98	80-120	5	20	
Silver	ND	2.00	mg/L	N/A	0.100	1.95	1.89	97	94	80-120	3	20	
Batch/Seq: 10B0197 Extracted: 02/25/10													
Matrix Spike Analyzed: 02/25/2010 (10B0197-MS1)				QC Source Sample: HTB0121-01									
Mercury	0.000500	0.0100	mg/L	N/A	0.000125	0.0102	0.0103	98	98	75-125	1	20	
TCLP Mercury per EPA 7000 Series Methods													
Batch/Seq: 10B0174 Extracted: 02/23/10													
Matrix Spike Analyzed: 02/23/2010 (10B0174-MS1)				QC Source Sample: HTB0103-01									
Mercury	ND	0.0100	mg/L	N/A	0.00250	0.0102	0.0101	102	101	75-125	1	20	
TCLP Metals													
Batch/Seq: 10B0169 Extracted: 02/23/10													
Matrix Spike Analyzed: 02/23/2010 (10B0169-MS1)				QC Source Sample: HTB0101-02									
Arsenic	0.0593	20.0	mg/L	N/A	0.500	21.7	21.5	108	107	80-120	1	20	
Barium	1.26	20.0	mg/L	N/A	5.00	21.8	21.6	103	102	80-120	1	20	
Cadmium	0.00660	20.0	mg/L	N/A	0.0500	18.6	18.7	93	94	80-120	1	20	
Chromium	ND	20.0	mg/L	N/A	0.100	20.0	20.0	100	100	80-120	0	20	
Lead	0.0192	20.0	mg/L	N/A	0.200	20.9	20.9	104	104	80-120	0	20	
Selenium	ND	20.0	mg/L	N/A	0.500	21.5	21.5	107	108	80-120	0	20	
Silver	ND	2.00	mg/L	N/A	0.300	1.83	1.82	92	91	80-120	0	20	
Total Metals by SW 846 Series Methods													
Batch/Seq: 10B0179 Extracted: 02/24/10													
Matrix Spike Analyzed: 02/24/2010 (10B0179-MS1)				QC Source Sample: HTB0109-01									
Mercury	0.0270	0.524	mg/kg	N/A	0.0500	0.555	0.553	101	100	75-125	1	20	
Batch/Seq: 10B0183 Extracted: 02/24/10													
Matrix Spike Analyzed: 02/24/2010 (10B0183-MS1)				QC Source Sample: HTB0075-03									
Arsenic	6.90	98.2	mg/kg	N/A	9.82	50.0	61.2	44	55	80-120	20	20	M1
Barium	125	98.2	mg/kg	N/A	19.6	168	211	43	86	80-120	23	20	M1,R
Cadmium	ND	98.2	mg/kg	N/A	9.82	67.5	85.8	69	87	80-120	24	20	M1,R
Chromium	165	98.2	mg/kg	N/A	9.82	207	242	43	78	80-120	15	20	M1
Lead	2.43	98.2	mg/kg	N/A	19.6	76.2	98.6	75	97	80-120	26	20	M1,R
Selenium	1.88	98.2	mg/kg	N/A	19.6	41.1	48.3	40	47	80-120	16	20	M1
Silver	2.71	9.82	mg/kg	N/A	9.82	9.58	11.0	70	84	80-120	14	20	M1

PVT Land Company
87-2020 Farrington Hwy.
Waianae, HI 96792
Steve Joseph

Work Order: HTB0121
Project: PVT Landfill
Project Number: [none]

Received: 02/22/10
Reported: 03/05/10 13:53

CERTIFICATION SUMMARY

TestAmerica Honolulu

Method	Matrix	Nelac	Hawaii
SW1311/6010B	Solid/Soil	X	
SW1311/7470	Solid/Soil	X	
SW1312/6010B	Solid/Soil		
SW1312/7470	Solid/Soil		
SW6010B	Solid/Soil	X	
SW7471	Solid/Soil	X	

Subcontracted Laboratories

STL - Seattle, WA

5755 8th Street East - Tacoma, WA 98424

Analysis Performed: 8270D SPLP

Samples: HTB0121-01, HTB0121-02, HTB0121-03

Analysis Performed: 8270D TCLP Semivols

Samples: HTB0121-01, HTB0121-02, HTB0121-03

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

DATA QUALIFIERS AND DEFINITIONS

- A-01** Samples ND data not impacted
- B** Analyte was detected in the associated Method Blank.
- M1** The MS and/or MSD were outside the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- R** The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- ND** Not detected at the reporting limit (or method detection limit if shown)

ADDITIONAL COMMENTS

LABORATORY USE ONLY
LAB JOB NO. MTB0121
LOCATION _____
CONTAINERS _____

Chain of Custody / Analysis Request Form

Report to: _____

Company name: PVT Landfill (Steve Joseph) Project identification: _____

Address: _____ Job name: _____

City: _____ Job number: _____

State: _____ P.O. number: _____

Phone: _____ Contact email address: RUSSELL@KOJI.COM Date results needed: 2/22/10

Sampler: Russell OkoJI # samples in shipment: _____

Item no.	Client sample ID	COMP	GRAB	Matrix							Preservation method	Date	Time	No. of containers	Indicate analyses requested	Company / Agency affiliation	Date / time received	Condition noted
				Water	Soil	Wastewater	Drinking water	Sludge	Liquid	Solid								
1	222-01	/	/												TCLP - RCRA8			MTB0121-01
2	222-02	/	/												TOTAL METALS (RCRA8) 10g			-02
3	222-03	/	/												TCLP-RCRA8			-03
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Received by (print / sign): [Signature] TMA

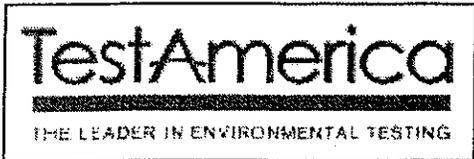
Delivery method: Hand Date / time released: 2/10/10 2:50 No. RCRA 25C: 1

Released by (print / sign): RUSSELL OKOJI Date / time released: 2/10/10 2:50 Condition noted: intact

Comments: RUSA ASAP - NEXT DAY METALS ASAP TCLP.
Please change PVT landfill Acct

Please check one:
 Dispose by lab
 Return to client
 Archive

Page 1 of 1



Sample Receipt Checklist

Client Name: PJT land fill Date/ Time Received: 2/22/10 2:50

Checklist Completed By: STC Received By: STC

Matrices:

Carrier:

Airbill# :

- | | | | |
|---|---|--|---|
| Shipping container/cooler in good condition? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> #: |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> #: |
| Chain of Custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of Custody Signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of Custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers on ice? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Type: _____ |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Water - VOA Vials have Zero Headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA vials present: <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Checked: <input checked="" type="checkbox"/> |
| | pH Adjusted? Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Final pH: _____ |
| Encores / 5035 Vials Present? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Sample Filtration Needed? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Filtered in Field: <input type="checkbox"/> |
| Dry Weight Corrected Results? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Take Action: <input type="checkbox"/> |
| DODQSM / QAPP Project? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | Type: _____ |

Temperature Blank Present? Yes No

Sample Container/Blank Temperature Range (Minimum 3 sample containers if available): 25°C

Comments/ Sampling Handling Notes:

two buckets of samples but do 3x as 3 samples 222-01 → 03
STC 2/22/10
new time spend on sample in order to charge client

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-17956-1

Client Project/Site: HTB0121

For:

TestAmerica Laboratories, Inc

99-193 Aiea Heights Drive

Suite 121

Aiea, Hawaii 96701

Attn: Marvin D Heskett III

Pamela R. Johnson

Authorized for release by:

2/26/2010 12:55 PM

Pam Johnson

Project Manager I

pamr.johnson@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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.

Analytical Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-1

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.5		ug/L		02/25/10 12:00	02/25/10 15:36	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	65		44 - 148				02/25/10 12:00	02/25/10 15:36	1
Phenol-d5	45		33 - 147				02/25/10 12:00	02/25/10 15:36	1
2,4,6-Tribromophenol	99		47 - 158				02/25/10 12:00	02/25/10 15:36	1

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-2

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.9		ug/L		02/25/10 12:00	02/25/10 15:58	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	76		44 - 148				02/25/10 12:00	02/25/10 15:58	1
Phenol-d5	47		33 - 147				02/25/10 12:00	02/25/10 15:58	1
2,4,6-Tribromophenol	100		47 - 158				02/25/10 12:00	02/25/10 15:58	1

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-3

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.3		ug/L		02/25/10 12:00	02/25/10 16:19	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorophenol	76		44 - 148				02/25/10 12:00	02/25/10 16:19	1
Phenol-d5	42		33 - 147				02/25/10 12:00	02/25/10 16:19	1
2,4,6-Tribromophenol	99		47 - 158				02/25/10 12:00	02/25/10 16:19	1

Quality Control Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: LCS 580-59037/2-A
Matrix: Water
Analysis Batch: 59033

Client Sample ID: LCS 580-59037/2-A
Prep Type: Total/NA
Prep Batch: 59037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	9.82	9.03		ug/L	92	23 - 166

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorophenol	65		44 - 148
Phenol-d5	42		33 - 147
2,4,6-Tribromophenol	95		47 - 158

Lab Sample ID: MB 580-59025/1-B
Matrix: Solid
Analysis Batch: 59033

Client Sample ID: MB 580-59025/1-B
Prep Type: SPLP West
Prep Batch: 59037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.6		ug/L		02/25/10 12:00	02/25/10 14:54	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorophenol	76		44 - 148	02/25/10 12:00	02/25/10 14:54	1
Phenol-d5	49		33 - 147	02/25/10 12:00	02/25/10 14:54	1
2,4,6-Tribromophenol	84		47 - 158	02/25/10 12:00	02/25/10 14:54	1

Lab Chronicle

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 15:36	CM	TestAmerica Seattle

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 15:58	CM	TestAmerica Seattle

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 16:19	CM	TestAmerica Seattle



Certification Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Laboratory	Program	Authority	EPA Region	Certification ID	Expiration Date
TestAmerica Seattle	DoD ELAP	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	ISO/IEC 17025	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	NELAC Primary AB	Oregon	10	WA100007	11/06/09
TestAmerica Seattle	NELAC Secondary AB	California	9	1115CA	01/31/10
TestAmerica Seattle	State Program	Alaska	10	UST-022	03/04/10
TestAmerica Seattle	State Program	Washington	10	C1226	02/17/11
TestAmerica Seattle	USDA			P330-08-00099	05/22/11

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



Method Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL TAC

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Lab Sample ID	Client Sample ID	Matrix	Sampled	Received
580-17956-1	HTB0121-01	Solid	02/22/10 12:00	02/25/10 09:50
580-17956-2	HTB0121-02	Solid	02/22/10 12:00	02/25/10 09:50
580-17956-3	HTB0121-03	Solid	02/22/10 12:00	02/25/10 09:50



SUBCONTRACT ORDER
TestAmerica Honolulu

HTB0121

17956

SENDING LABORATORY:

TestAmerica Honolulu
99-193 Aiea Heights Drive, Suite 121
Aiea, HI 96701
Phone: 808-486-5227
Fax: 808-486-2456
Project Manager: Samuel A. Lui
Client: PVT Land Company

RECEIVING LABORATORY:

TestAmerica Tacoma
5755 8th Street East
Tacoma, WA 98424
Phone : (253) 922-2310
Fax: 253
Project Location: HI - HAWAII
Receipt Temperature: _____ °C Ice: Y / N

CC results to russellokoji@gmail.com

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
----------	-------	-----	---------	----------------	-------	----------

Sample ID: HTB0121-01 (222-01 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	<i>5/2/10</i> 02/25/10	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:

~~1 L Amber Glass~~ 1 L Amber Glass
~~Unpreserved (B) *5/2/10*~~ Unpreserved (C)

Sample ID: HTB0121-02 (222-02 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	<i>5/2/10</i> 02/25/10	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:

~~1 L Amber Glass~~ 1 L Amber Glass
~~Unpreserved (B) *5/2/10*~~ Unpreserved (C)

Sample ID: HTB0121-03 (222-03 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	<i>5/2/10</i> 02/25/10	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:

~~1 L Amber Glass~~ 1 L Amber Glass
~~Unpreserved (B) *5/2/10*~~ Unpreserved (C)

** SPLP for this shipment only.*

TCLP was already send in a previous shipment arrive to Tacoma ~ 2/24/10
SYL 2/23/10

Samuel A. Lui
Released By _____

2/24/10
Date/Time _____

Tom Blantz
Received By _____

2/25/10 0950
Date/Time _____

*Lg Blue/wh
wet bubble
FedEx Station
-0.3°C*

Released By _____

Date/Time _____

Received By _____

Date/Time _____

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc

Job Number: 580-17956-1

Login Number: 17956

Creator: Blankinship, Tom

List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories Inc.

TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-17956-1

Client Project/Site: HTB0121

For:

TestAmerica Laboratories, Inc
99-193 Aiea Heights Drive
Suite 121
Aiea, Hawaii 96701

Attn: Marvin D Heskett III

Pamela R. Johnson

Authorized for release by:
2/26/2010 12:55 PM

Pam Johnson
Project Manager I
pamr.johnson@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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.

Analytical Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-1

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.5		ug/L		02/25/10 12:00	02/25/10 15:36	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	65		44 - 148	02/25/10 12:00	02/25/10 15:36	1
Phenol-d5	45		33 - 147	02/25/10 12:00	02/25/10 15:36	1
2,4,6-Tribromophenol	99		47 - 158	02/25/10 12:00	02/25/10 15:36	1

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-2

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.9		ug/L		02/25/10 12:00	02/25/10 15:58	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	76		44 - 148	02/25/10 12:00	02/25/10 15:58	1
Phenol-d5	47		33 - 147	02/25/10 12:00	02/25/10 15:58	1
2,4,6-Tribromophenol	100		47 - 158	02/25/10 12:00	02/25/10 15:58	1

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-3

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.3		ug/L		02/25/10 12:00	02/25/10 16:19	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	76		44 - 148	02/25/10 12:00	02/25/10 16:19	1
Phenol-d5	42		33 - 147	02/25/10 12:00	02/25/10 16:19	1
2,4,6-Tribromophenol	99		47 - 158	02/25/10 12:00	02/25/10 16:19	1

Quality Control Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: LCS 580-59037/2-A
Matrix: Water
Analysis Batch: 59033

Client Sample ID: LCS 580-59037/2-A
Prep Type: Total/NA
Prep Batch: 59037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	9.82	9.03		ug/L	92	23 - 166

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorophenol	65		44 - 148
Phenol-d5	42		33 - 147
2,4,6-Tribromophenol	95		47 - 158

Lab Sample ID: MB 580-59025/1-B
Matrix: Solid
Analysis Batch: 59033

Client Sample ID: MB 580-59025/1-B
Prep Type: SPLP West
Prep Batch: 59037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.6		ug/L		02/25/10 12:00	02/25/10 14:54	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorophenol	76		44 - 148	02/25/10 12:00	02/25/10 14:54	1
Phenol-d5	49		33 - 147	02/25/10 12:00	02/25/10 14:54	1
2,4,6-Tribromophenol	84		47 - 158	02/25/10 12:00	02/25/10 14:54	1

Lab Chronicle

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 15:36	CM	TestAmerica Seattle

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 15:58	CM	TestAmerica Seattle

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/25/10 09:50

Lab Sample ID: 580-17956-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
SPLP West	Leach	1312		1	59025	02/25/10 11:00	SP	TestAmerica Seattle
SPLP West	Prep	3510C		1	59037	02/25/10 12:00	SP	TestAmerica Seattle
SPLP West	Analysis	8270C		1	59033	02/25/10 16:19	CM	TestAmerica Seattle



Certification Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Laboratory	Program	Authority	EPA Region	Certification ID	Expiration Date
TestAmerica Seattle	DoD ELAP	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	ISO/IEC 17025	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	NELAC Primary AB	Oregon	10	WA100007	11/06/09
TestAmerica Seattle	NELAC Secondary AB	California	9	1115CA	01/31/10
TestAmerica Seattle	State Program	Alaska	10	UST-022	03/04/10
TestAmerica Seattle	State Program	Washington	10	C1226	02/17/11
TestAmerica Seattle	USDA			P330-08-00099	05/22/11

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



Method Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL TAC

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17956-1

Lab Sample ID	Client Sample ID	Matrix	Sampled	Received
580-17956-1	HTB0121-01	Solid	02/22/10 12:00	02/25/10 09:50
580-17956-2	HTB0121-02	Solid	02/22/10 12:00	02/25/10 09:50
580-17956-3	HTB0121-03	Solid	02/22/10 12:00	02/25/10 09:50

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

SUBCONTRACT ORDER
TestAmerica Honolulu

HTB0121

17956

SENDING LABORATORY:

TestAmerica Honolulu
 99-193 Aiea Heights Drive, Suite 121
 Aiea, HI 96701
 Phone: 808-486-5227
 Fax: 808-486-2456
 Project Manager: Samuel A. Lui
 Client: PVT Land Company

RECEIVING LABORATORY:

TestAmerica Tacoma
 5755 8th Street East
 Tacoma, WA 98424
 Phone : (253) 922-2310
 Fax: 253
 Project Location: HI - HAWAII
 Receipt Temperature: _____ °C Ice: Y / N

CC results to russellokoji@gmail.com

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
----------	-------	-----	---------	----------------	-------	----------

Sample ID: HTB0121-01 (222-01 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:
~~1 L Amber Glass Unpreserved (B)~~ *2/26/10* 1 L Amber Glass Unpreserved (C)

Sample ID: HTB0121-02 (222-02 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:
~~1 L Amber Glass Unpreserved (B)~~ *2/26/10* 1 L Amber Glass Unpreserved (C)

Sample ID: HTB0121-03 (222-03 - Solid/Soil) *2/26/10* Sampled: 02/22/10 12:00

8270D SPLP	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only
8270D TCLP Semivols	mg/L	02/25/10 <i>2/26/10</i>	03/01/10 12:00	\$260.00	75%	PCP only <i>5/2/23/10</i>

Containers Supplied:
~~1 L Amber Glass Unpreserved (B)~~ *2/26/10* 1 L Amber Glass Unpreserved (C)

* SPLP for this shipment only.
 TCLP was already send in a previous shipment *arrive to Tacoma ~ 2/24/10*
 SYL *2/23/10*

Samuel A. Lui *2/24/10*
 Released By Date/Time

Tom Blantz *2/25/10 0950*
 Received By Date/Time

*Log Blue/wh
 wet bubble
 FedEx Station
 -0.3°C*

Released By Date/Time Received By Date/Time Page 1 of 1

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc

Job Number: 580-17956-1

Login Number: 17956
Creator: Blankinship, Tom
List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-17929-1

Client Project/Site: HTB0121

For:

TestAmerica Laboratories, Inc

99-193 Aiea Heights Drive

Suite 121

Aiea, Hawaii 96701

Attn: Marvin D Heskett III

Pamela R. Johnson

Authorized for release by:

2/25/2010 12:08 PM

Pam Johnson

Project Manager I

pamr.johnson@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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.

Job Narrative
580-17929-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS Semi VOA - Method 8270C

The continuing calibration verification (CCV) for analytical batch 58958 exceeded control criteria for CCC compound di-n-octylphthalate. All associated samples are being analyzed for PCP only. PCP passes within 20%D.

Phenol-d5 surrogate recovery was outside control limits for the following sample: 58947/1B MB, 580-17929-3MS, 580-17929-3. The samples are analyzed for PCP only, so only 2,4,6-TBP surrogate is needed.

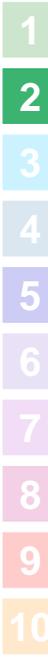
No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.



Analytical Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-1

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		47 - 158				02/24/10 11:40	02/24/10 16:14	1

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-2

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:35	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		47 - 158				02/24/10 11:40	02/24/10 16:35	1

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-3

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:56	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		47 - 158				02/24/10 11:40	02/24/10 16:56	1

Quality Control Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: LCS 580-58946/2-A
Matrix: Water
Analysis Batch: 58958

Client Sample ID: LCS 580-58946/2-A
Prep Type: Total/NA
Prep Batch: 58946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	98.2	82.3		ug/L	84	23 - 166
Surrogate	% Recovery	Qualifier	Limits			
2,4,6-Tribromophenol	106		47 - 158			

Lab Sample ID: MB 580-58947/1-B
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: MB 580-58947/1-B
Prep Type: TCLP
Prep Batch: 58946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 15:33	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		47 - 158				02/24/10 11:40	02/24/10 15:33	1

Lab Sample ID: 580-17929-3 MS
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: HTB0121-03
Prep Type: TCLP
Prep Batch: 58946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	ND		98.2	117		ug/L	119	23 - 166
Surrogate	% Recovery	Qualifier	Limits					
2,4,6-Tribromophenol	105		47 - 158					

Lab Sample ID: 580-17929-3 DU
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: HTB0121-03
Prep Type: TCLP
Prep Batch: 58946

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	RPD	RPD Limit
Pentachlorophenol	ND		ND		ug/L	NC	45
Surrogate	% Recovery	Qualifier	Limits				
2,4,6-Tribromophenol	106		47 - 158				

Lab Chronicle

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:14	CM	TestAmerica Seattle

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:35	CM	TestAmerica Seattle

Client Sample ID: HTB0121-03

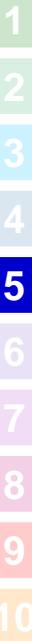
Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:56	CM	TestAmerica Seattle



Certification Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Laboratory	Program	Authority	EPA Region	Certification ID	Expiration Date
TestAmerica Seattle	DoD ELAP	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	ISO/IEC 17025	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	NELAC Primary AB	Oregon	10	WA100007	11/06/09
TestAmerica Seattle	NELAC Secondary AB	California	9	1115CA	01/31/10
TestAmerica Seattle	State Program	Alaska	10	UST-022	03/04/10
TestAmerica Seattle	State Program	Washington	10	C1226	02/17/11
TestAmerica Seattle	USDA			P330-08-00099	05/22/11

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



Method Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

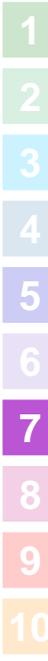
Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL TAC

Protocol References:

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

Laboratory References:

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

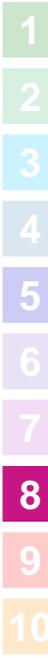


Sample Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Lab Sample ID	Client Sample ID	Matrix	Sampled	Received
580-17929-1	HTB0121-01	Solid	02/22/10 12:00	02/24/10 08:40
580-17929-2	HTB0121-02	Solid	02/22/10 12:00	02/24/10 08:40
580-17929-3	HTB0121-03	Solid	02/22/10 12:00	02/24/10 08:40



SUBCONTRACT ORDER
TestAmerica Honolulu

HTB0121

17929

SENDING LABORATORY:

TestAmerica Honolulu
 99-193 Aiea Heights Drive, Suite 121
 Aiea, HI 96701
 Phone: 808-486-5227
 Fax: 808-486-2456
 Project Manager: Samuel A. Lui
 Client: PVT Land Company

RECEIVING LABORATORY:

TestAmerica Tacoma
 5755 8th Street East
 Tacoma, WA 98424
 Phone : (253) 922-2310
 Fax: 253
 Project Location: HI - HAWAII
 Receipt Temperature: _____ °C Ice: Y / N

CC results to russellokoji@gmail.com

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
----------	-------	-----	---------	----------------	-------	----------

Sample ID: HTB0121-01 (222-01 - Solid/Soil) 2/25/10 Sampled: 02/22/10 12:00
 8270D TCLP Semivols mg/L ~~02/23/10~~ 03/01/10 12:00 \$260.00 200% PCP only
 Containers Supplied:
 1 L Amber Glass
 Unpreserved (B) *or ASAP*

Sample ID: HTB0121-02 (222-02 - Solid/Soil) 2/25/10 Sampled: 02/22/10 12:00
 8270D TCLP Semivols mg/L ~~02/23/10~~ 03/01/10 12:00 \$260.00 200% PCP only
 Containers Supplied:
 1 L Amber Glass
 Unpreserved (B) *ASAP*

Sample ID: HTB0121-03 (222-03 - Solid/Soil) 2/25/10 Sampled: 02/22/10 12:00
 8270D TCLP Semivols mg/L ~~02/23/10~~ 03/01/10 12:00 \$260.00 200% PCP only
 Containers Supplied:
 1 L Amber Glass
 Unpreserved (B) *ASAP*

Lg blue wh.
w/s
IR = 1.7
Temp = 2.4

[Signature] 2/23/10
 Released By Date/Time

Pathey Crumbly 2/24/10 8:40
 Received By Date/Time

 Released By Date/Time

 Received By Date/Time

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc

Job Number: 580-17929-1

Login Number: 17929
Creator: Gamble, Cathy
List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-17929-1

Client Project/Site: HTB0121

For:

TestAmerica Laboratories, Inc

99-193 Aiea Heights Drive

Suite 121

Aiea, Hawaii 96701

Attn: Marvin D Heskett III

Pamela R. Johnson

Authorized for release by:

2/25/2010 12:08 PM

Pam Johnson

Project Manager I

pamr.johnson@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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.

Job Narrative
580-17929-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS Semi VOA - Method 8270C

The continuing calibration verification (CCV) for analytical batch 58958 exceeded control criteria for CCC compound di-n-octylphthalate. All associated samples are being analyzed for PCP only. PCP passes within 20%D.

Phenol-d5 surrogate recovery was outside control limits for the following sample: 58947/1B MB, 580-17929-3MS, 580-17929-3. The samples are analyzed for PCP only, so only 2,4,6-TBP surrogate is needed.

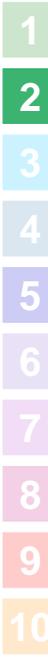
No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.



Analytical Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-1

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		47 - 158				02/24/10 11:40	02/24/10 16:14	1

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-2

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:35	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		47 - 158				02/24/10 11:40	02/24/10 16:35	1

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-3

Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 16:56	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		47 - 158				02/24/10 11:40	02/24/10 16:56	1

Quality Control Data

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: LCS 580-58946/2-A
Matrix: Water
Analysis Batch: 58958

Client Sample ID: LCS 580-58946/2-A
Prep Type: Total/NA
Prep Batch: 58946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	98.2	82.3		ug/L	84	23 - 166
Surrogate	% Recovery	Qualifier	Limits			
2,4,6-Tribromophenol	106		47 - 158			

Lab Sample ID: MB 580-58947/1-B
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: MB 580-58947/1-B
Prep Type: TCLP
Prep Batch: 58946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		35		ug/L		02/24/10 11:40	02/24/10 15:33	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		47 - 158				02/24/10 11:40	02/24/10 15:33	1

Lab Sample ID: 580-17929-3 MS
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: HTB0121-03
Prep Type: TCLP
Prep Batch: 58946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	% Rec.	% Rec. Limits
Pentachlorophenol	ND		98.2	117		ug/L	119	23 - 166
Surrogate	% Recovery	Qualifier	Limits					
2,4,6-Tribromophenol	105		47 - 158					

Lab Sample ID: 580-17929-3 DU
Matrix: Solid
Analysis Batch: 58958

Client Sample ID: HTB0121-03
Prep Type: TCLP
Prep Batch: 58946

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	RPD	RPD Limit
Pentachlorophenol	ND		ND		ug/L	NC	45
Surrogate	% Recovery	Qualifier	Limits				
2,4,6-Tribromophenol	106		47 - 158				

Lab Chronicle

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Client Sample ID: HTB0121-01

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:14	CM	TestAmerica Seattle

Client Sample ID: HTB0121-02

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:35	CM	TestAmerica Seattle

Client Sample ID: HTB0121-03

Date Collected: 02/22/10 12:00

Date Received: 02/24/10 08:40

Lab Sample ID: 580-17929-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
TCLP	Leach	1311		1	58947	02/24/10 11:35	SP	TestAmerica Seattle
TCLP	Prep	3510C		1	58946	02/24/10 11:40	SP	TestAmerica Seattle
TCLP	Analysis	8270C		1	58958	02/24/10 16:56	CM	TestAmerica Seattle



Certification Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Laboratory	Program	Authority	EPA Region	Certification ID	Expiration Date
TestAmerica Seattle	DoD ELAP	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	ISO/IEC 17025	L-A-B	0	L2236	01/19/13
TestAmerica Seattle	NELAC Primary AB	Oregon	10	WA100007	11/06/09
TestAmerica Seattle	NELAC Secondary AB	California	9	1115CA	01/31/10
TestAmerica Seattle	State Program	Alaska	10	UST-022	03/04/10
TestAmerica Seattle	State Program	Washington	10	C1226	02/17/11
TestAmerica Seattle	USDA			P330-08-00099	05/22/11

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



Method Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

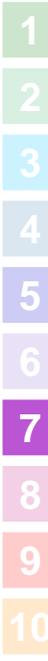
Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL TAC

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: TestAmerica Laboratories, Inc
Project/Site: HTB0121

TestAmerica Job ID: 580-17929-1

Lab Sample ID	Client Sample ID	Matrix	Sampled	Received
580-17929-1	HTB0121-01	Solid	02/22/10 12:00	02/24/10 08:40
580-17929-2	HTB0121-02	Solid	02/22/10 12:00	02/24/10 08:40
580-17929-3	HTB0121-03	Solid	02/22/10 12:00	02/24/10 08:40

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

SUBCONTRACT ORDER
TestAmerica Honolulu

HTB0121

17929

SENDING LABORATORY:

TestAmerica Honolulu
 99-193 Aiea Heights Drive, Suite 121
 Aiea, HI 96701
 Phone: 808-486-5227
 Fax: 808-486-2456
 Project Manager: Samuel A. Lui
 Client: PVT Land Company

RECEIVING LABORATORY:

TestAmerica Tacoma
 5755 8th Street East
 Tacoma, WA 98424
 Phone : (253) 922-2310
 Fax: 253
 Project Location: HI - HAWAII
 Receipt Temperature: _____ °C Ice: Y / N

CC results to russellokoji@gmail.com

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
----------	-------	-----	---------	----------------	-------	----------

Sample ID: HTB0121-01 (222-01 - Solid/Soil)

2/25/10

Sampled: 02/22/10 12:00

8270D TCLP Semivols	mg/L	02/23/10	03/01/10 12:00	\$260.00		200% PCP only
---------------------	------	---------------------	----------------	----------	--	---------------

Containers Supplied:

1 L Amber Glass
 Unpreserved (B)

*or
ASAP*

Sample ID: HTB0121-02 (222-02 - Solid/Soil)

2/25/10

Sampled: 02/22/10 12:00

8270D TCLP Semivols	mg/L	02/23/10	03/01/10 12:00	\$260.00		200% PCP only
---------------------	------	---------------------	----------------	----------	--	---------------

Containers Supplied:

1 L Amber Glass
 Unpreserved (B)

ASAP

Sample ID: HTB0121-03 (222-03 - Solid/Soil)

2/25/10

Sampled: 02/22/10 12:00

8270D TCLP Semivols	mg/L	02/23/10	03/01/10 12:00	\$260.00		200% PCP only
---------------------	------	---------------------	----------------	----------	--	---------------

Containers Supplied:

1 L Amber Glass
 Unpreserved (B)

ASAP

*Lg blue wh.
w/o
IR = 1.7
Temp = 2.4*

[Signature]
 Released By _____
 Date/Time *2/23/10*

[Signature]
 Received By _____
 Date/Time *2/24/10 8:40*

Released By _____
 Date/Time _____

Received By _____
 Date/Time _____

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc

Job Number: 580-17929-1

Login Number: 17929
Creator: Gamble, Cathy
List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	N/A	

Current Processing Operations



INALAB, Inc.

**LABORATORY DIVISION
ANALYTICAL REPORT**

3 March 2010

3615 Harding Avenue, Ste. 308, Honolulu, Hawaii 96816
VOICE: (808) 735-0422 / FAX: (808) 735-0047
WWW.INALAB.COM



AIHA Original LAB CODE No. 154



Ms Rachel Okoji
Environmental Risk Analysis
725 Hao Street
Honolulu HI 96821

Phone Number: (808) 783-6840
Facsimile:

INALAB Job No. 20100462
Your Project Project: PVT Chipper 02/25/10

Air-Arsenic #

NIOSH Method: 7900

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 0.06	ug/m3	2/26/2010	3/1/2010
Comments						
20100226005	M-001 Downwind	DUP	< 0.06	ug/m3	2/26/2010	3/1/2010
Comments						
20100226006	M-002 Chipper	UNK	< 0.06	ug/m3	2/26/2010	3/1/2010
Comments						
20100226007	M-003 Upwind	UNK	< 0.06	ug/m3	2/26/2010	3/1/2010
Comments						
20100226012	Blank-M 01	UNK	< 0.03	ug/FILTER	2/26/2010	3/1/2010
Comments						
20100226013	Blank-M 02	UNK	< 0.03	ug/FILTER	2/26/2010	3/1/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 110 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
Environmental Risk Analysis
725 Hao Street
Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
Your Project Project: PVT Chipper 02/25/10

Air-Chromium

NIOSH Method: 7024 (CHROMIUM and cpds, as Cr)

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 2.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226005	M-001 Downwind	DUP	< 2.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226006	M-002 Chipper	UNK	< 2.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226007	M-003 Upwind	UNK	< 2.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226012	Blank-M 01	UNK	< 1.3	ug/filter	2/26/2010	3/2/2010
Comments						
20100226013	Blank-M 02	UNK	< 1.3	ug/filter	2/26/2010	3/2/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 100 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

Air-Total Nuisance Dust

NIOSH **Method:** 0500(mod)

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226001	TD-001 Downwind	UNK	0.15	mg/m3	2/26/2010	3/1/2010
Comments						
20100226002	TD-002 Chipper	UNK	1.7	mg/m3	2/26/2010	3/1/2010
Comments						
20100226003	TD-003 Upwind	UNK	0.15	mg/m3	2/26/2010	3/1/2010
Comments						
20100226004	PM-001 Downwind	UNK	< 0.09	mg/m3	2/26/2010	3/1/2010
Comments						
20100226008	Blank-TD 01	UNK	< 0.03	mg/filter	2/26/2010	3/1/2010
Comments						
20100226009	Blank-TD 02	UNK	< 0.03	mg/filter	2/26/2010	3/1/2010
Comments						
20100226010	Blank-PM 01	UNK	< 0.03	mg/filter	2/26/2010	3/1/2010
Comments						
20100226011	Blank-PM 02	UNK	< 0.03	mg/filter	2/26/2010	3/1/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 100	Precision (% RPD): N/A	System Blank: Acceptable
----------------------------------	-------------------------------	---------------------------------

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

Cadmium (air)

NIOSH Method: 7048m

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 1.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226005	M-001 Downwind	DUP	< 1.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226006	M-002 Chipper	UNK	< 1.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226007	M-003 Upwind	UNK	< 1.5	ug/m3	2/26/2010	3/2/2010
Comments						
20100226012	Blank-M 01	UNK	< 0.75	ug/filter	2/26/2010	3/2/2010
Comments						
20100226013	Blank-M 02	UNK	< 0.75	ug/filter	2/26/2010	3/2/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 110 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/ IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

Lead, total (air filters)

NIOSH Method: 7082 LEAD by FAAS

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 4.1	ug/m3	2/26/2010	3/2/2010
Comments						
20100226005	M-001 Downwind	DUP	< 4.1	ug/m3	2/26/2010	3/2/2010
Comments						
20100226006	M-002 Chipper	UNK	< 4.1	ug/m3	2/26/2010	3/2/2010
Comments						
20100226007	M-003 Upwind	UNK	< 4.1	ug/m3	2/26/2010	3/2/2010
Comments						
20100226012	Blank-M 01	UNK	< 2.1	ug/filter	2/26/2010	3/2/2010
Comments						
20100226013	Blank-M 02	UNK	< 2.1	ug/filter	2/26/2010	3/2/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 100 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

RCRA Barium #

EPA Method: 3015/3051/7080 /7081

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 40	ug/m3	2/26/2010	3/1/2010
Comments						
20100226005	M-001 Downwind	DUP	< 40	ug/m3	2/26/2010	3/1/2010
Comments						
20100226006	M-002 Chipper	UNK	< 40	ug/m3	2/26/2010	3/1/2010
Comments						
20100226007	M-003 Upwind	UNK	< 40	ug/m3	2/26/2010	3/1/2010
Comments						
20100226012	Blank-M 01	UNK	< 20	ug/FILTER	2/26/2010	3/1/2010
Comments						
20100226013	Blank-M 02	UNK	< 20	ug/FILTER	2/26/2010	3/1/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 100 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/ IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

RCRA Mercury #

EPA Method: 3015/3051/7470

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 0.15	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226005	M-001 Downwind	DUP	< 0.15	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226006	M-002 Chipper	UNK	< 0.15	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226007	M-003 Upwind	UNK	< 0.15	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226012	Blank-M 01	UNK	< 0.08	ug/FILTER	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226013	Blank-M 02	UNK	< 0.08	ug/FILTER	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					

BATCH QC/QA:

Analyte Recovery (%): 22 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
 Environmental Risk Analysis
 725 Hao Street
 Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
 Your Project Project: PVT Chipper 02/25/10

RCRA Selenium #

EPA Method: 3015/3051/7740/ 7741

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 0.17	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226005	M-001 Downwind	DUP	< 0.17	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226006	M-002 Chipper	UNK	< 0.17	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226007	M-003 Upwind	UNK	< 0.17	ug/m3	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226012	Blank-M 01	UNK	< 0.08	ug/FILTER	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					
20100226013	Blank-M 02	UNK	< 0.08	ug/FILTER	2/26/2010	3/1/2010
Comments	Due to sample preparation, loss of analyte may have occurred					

BATCH QC/QA:

Analyte Recovery (%): 44 Precision (% RPD): <1 System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/ IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
Environmental Risk Analysis
725 Hao Street
Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
Your Project Project: PVT Chipper 02/25/10

RCRA Silver

EPA Method: 3015/3051/7760

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100226005	M-001 Downwind	UNK	< 1.2	ug/m3	2/26/2010	3/2/2010
Comments						
20100226005	M-001 Downwind	DUP	< 1.2	ug/m3	2/26/2010	3/2/2010
Comments						
20100226006	M-002 Chipper	UNK	< 1.2	ug/m3	2/26/2010	3/2/2010
Comments						
20100226007	M-003 Upwind	UNK	< 1.2	ug/m3	2/26/2010	3/2/2010
Comments						
20100226012	Blank-M 01	UNK	< 0.58	ug/filter	2/26/2010	3/2/2010
Comments						
20100226013	Blank-M 02	UNK	< 0.58	ug/filter	2/26/2010	3/2/2010
Comments						

BATCH QC/QA:

Analyte Recovery (%): 110

Precision (% RPD): <1

System Blank: Acceptable

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/ IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.

Ms Rachel Okoji
Environmental Risk Analysis
725 Hao Street
Honolulu HI 96821

Phone Number: (808) 783-6840

Facsimile:

INALAB Job No. 20100462
Your Project Project: PVT Chipper 02/25/10

General Comments

All analysts participate in interlaboratory quality control testing to continuously document proficiency. The samples analyses subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. This report is not to be duplicated except in full without the expressed written permission of INALAB, Inc. This report should not be construed as an endorsement for a product or a service by the AIHA or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. For air samples, results are calculated based on the reported air volumes. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

UNK = sample submitted for this evaluation / analysis

DUP = duplicate sample analysis of the UNK sample.

REP = replicate sample analysis which is a second preparation of the UNK sample analysis.

Tr = TRACE, i.e., the analyte of interest was, to a reasonable degree of scientific certainty present, but was BELOW the quantifiable limits of this determination (stated).

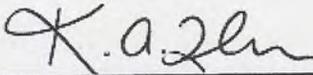
> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

ND = NOT DETECTED which means the analyte, if present below our stated detection limit/ level.

RPD = Relative Percent Deviation $[\text{unk-dup}]/\text{ave}(\text{unk,dup}) * 100$.

= Analytical methods marked with an "#" are not within our AIHA Scope of Accreditation.

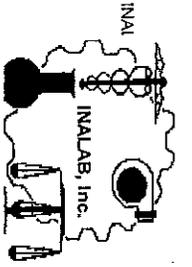


DID INALAB FORENSIC DIVISION COLLECT THESE SAMPLES?

No

Ms. Kimberly Llanos
Laboratory Manager

INALAB, Inc. is an AIHA IHLAP ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) with scope of accreditation including metals, lead, solvents, fiber counts, mold and bulk asbestos. INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code: 200655-0). INALAB, Inc. is a CERTIFIED ISO/ IEC 17025 AND ISO 9002 ANALYTICAL FACILITY. INALAB, Inc. is also a participant in the Compressed Air Proficiency Test (CAPT) program.



INALAB, Inc.
 Experts in Environmental, Forensic, Occupational and Laboratory Services
OFFICIAL LABORATORY CHAIN OF CUSTODY

3615 Harding Avenue, Ste. 308, Honolulu, Hawaii 96816
 VOICE: (808) 735-0422 / FAX: (808) 735-0047
 WWW.INALAB.COM



AIHA Original LAB CODE No. 154
NVLAP
 NVLAP LAB CODE 200655-0

Date: 2-26-10
 CLIENT / CO. Name: ERA - Rachel Okayi
 Telephone Number: 783 6840
 Project Name / Job #: PVT - Chippes

Delivered By (print name): Mark Bigsten

Requested Turn-Around-Time
 3-5 Work DAYS (standard)
 2 Work DAYS
 Priority (1 Work Day)
 Rush (< 1 Work Day)
 Immediate: 4 Hours

INALAB JOB #: _____
 INALAB CLIENT I.D.#: _____

INALAB Sample NUMBER(s) For INALAB Use Only	Your Sample No./ID.	Client's Sampling Location	Client's Sample DESCRIPTION	Date / Time Collected	SAMPLE MATRIX	Client: Please State Your Required ANALYSIS	AIR VOLUME
	TD-001	Down wind		2/25/10	Air	Total Dust	120 L
	TD-002	Chippes				Total Dust	↓
	TD-003	Upwind				Total Dust	↓
	PM-001	Down wind				Respirable dust	340 L
	M-001	Down wind				Metals	500 L
	M-002	Chippes				Metals	500 L
	M-003	Upwind				Metals	500 L
	Blank-TD	02				Total Dust	
	Blank-PM	01				Resp. dust	
Relinquished By: (Signature)		Date	Time	Received By: (Signature)		Date	Time
<i>Mark Bigsten</i>		2/26/10	0835	<i>K. Hono</i>		2/26/10	18:37

Send Report To: E-MAIL Address OR FAX Number
 SPECIAL NOTATION: TAT Note: If sample(s) are received after 9:00 A.M., that day will not count as a TAT day. Thank you for your support
Total Dust = 120 L, Resp. Dust (PM10) = 340 L, Metals = 500 L

Mining Activities



Serving Hawaii for 33 years

INALAB, Inc. LABORATORY DIVISION ANALYTICAL REPORT



Wednesday, June 23, 2010

3615 Harding Avenue, Ste. 308, Honolulu, Hawaii 96816
VOICE: (808) 735-0422 / FAX: (808) 735-0047

WWW.INALAB.COM



Ms. Rachel Okoji
Environmental Risk Analysis
725 Hao Street

Phone Number: (808) 783-6840

Facsimile:

Email: rachelokoji@enviroriskhawaii.com

Honolulu HI 96821

INALAB Job No: 20101628

Your Project: PROJ: PVT

Particulates Not Otherwise Regulated, Total

NIOSH Method: 0500

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100618008	PVT UW1	UNK	3.6	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 0.60 mg/m3					
20100618008	PVT UW1	DUP	3.6	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 0.60 mg/m3					
20100618009	PVT UW2	UNK	0.32	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 0.30 mg/m3					
20100618010	PVT DW1	UNK	< 0.25	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 0.25 mg/m3					
20100618011	PVT DW2	UNK	0.53	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 0.25 mg/m3					

INALAB, Inc. is an AIHA CAPT, IHLAP, ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) in the scope of work listed on the AIHA website (www.aiha.org). INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code 200655-0). INALAB, Inc. is an ANALYTICAL FACILITY ACCREDITED in accordance with the recognized ISO/IEC 17025:2005.

Ms. Rachel Okoji
Environmental Risk Analysis
725 Hao Street

Phone Number: (808) 783-6840
Facsimile:
Email: rachelokoji@enviroriskhawaii.com

Honolulu HI 96821

INALAB Job No: 20101628
Your Project: PROJ: PVT

Particulates Not Otherwise Regulated, Total

NIOSH Method: 0500

Sample No.	Your Sample Description	Sample Type	Results	Units	Date Submitted	Date Analyzed
20100618012	PVT DW3	UNK	1.3	mg/m3	6/18/2010	6/23/2010
Comments	MRL = 1.00 mg/m3					

All Quality Control data are acceptable unless otherwise noted.

General Comments

All analysts participate in interlaboratory quality control testing to continuously document proficiency. The samples analyses subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. This report is not to be duplicated except in full without the expressed written permission of INALAB, Inc. This report should not be construed as an endorsement for a product or a service by the AIHA or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. For air samples, results are calculated based on the reported air volumes. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

UNK = sample submitted for this evaluation / analysis

DUP = duplicate sample analysis of the UNK sample.

REP = replicate sample analysis which is a second preparation of the UNK sample analysis.

Tr = TRACE, i.e., the analyte of interest was, to a reasonable degree of scientific certainty present, but was BELOW the quantifiable limits of this determination (stated).

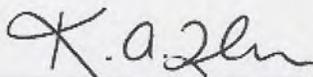
> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

ND = NOT DETECTED which means the analyte, if present below our stated detection limit/ level.

RPD = Relative Percent Deviation $[\text{unk-dup}]/\text{ave}(\text{unk,dup}) \times 100$.

= Analytical methods marked with an "#" are not within our AIHA Scope of Accreditation.



DID INALAB FORENSIC DIVISION COLLECT THESE SAMPLES?

No

Ms. Kimberly Llanos
Laboratory Manager

INALAB, Inc. is an AIHA CAPT, IHLAP, ELLAP and EMLAP ACCREDITED LABORATORY (Accreditation No. 101812) in the scope of work listed on the AIHA website (www.aiha.org). INALAB Inc. is a NIST NVLAP ACCREDITED LABORATORY (NVLAP Lab Code 200655-0). INALAB, Inc. is an ANALYTICAL FACILITY ACCREDITED in accordance with the recognized ISO/IEC 17025:2005.