



AMERECO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT ©  15

SAMPLE LOG FORM

Client: Dore & Associates Contracting, Inc.
900 Harry S Truman Parkway
Bay City, MI 48706-4171

Project: Studebaker Phase IV
Building 85

Project No. 10.2466

Date Sampled: March 21, 2011

Analysis / Method: PCBs in Solid SW8082 (SW3580A), TCLP Mercury SW1311/7470A, TCLP Metals by ICP/MS SW1311/6020 (SW3005A), TCLP Semivolatile Organic Compounds SW1311/8270C (SW3510C), TCLP Volatile Organic Compounds SW1311/8270C (SW3510C), TCLP Volatile Organic Compounds by GC/MS SW1311/8260B (SW5030B)

SAMPLE ID	MATRIX	LOCATION and DESCRIPTION
S-03	Solid	Composite Sample - Drums, cool to 4°C ±2°

Analyzed by: SAC

Ref Number: 11030634

Sampled by: 
Steven Travis

Studebaker Phase IV
Sample Results - Building 92
Transformer Room - Composite Concrete Sample

	Laboratory ID :	11030634-003	
	Client Sample ID :	S-03/ Drum Composite	
	Date Collected :	03/21/2011	
Analyte	Test Method	Units	
Benzene	SW1311/8260B	mg/L	< 0.05
2-Butanone	SW1311/8260B	mg/L	< 0.2
Carbon tetrachloride	SW1311/8260B	mg/L	< 0.05
Chlorobenzene	SW1311/8260B	mg/L	< 0.05
Chloroform	SW1311/8260B	mg/L	< 0.05
1,2-Dichloroethane	SW1311/8260B	mg/L	< 0.05
1,1-Dichloroethene	SW1311/8260B	mg/L	< 0.05
Tetrachloroethene	SW1311/8260B	mg/L	< 0.05
Trichloroethene	SW1311/8260B	mg/L	< 0.05
Vinyl chloride	SW1311/8260B	mg/L	< 0.05
1,4-Dichlorobenzene	SW1311/8270C	mg/L	< 0.01
2,4-Dinitrotoluene	SW1311/8270C	mg/L	< 0.01
Hexachlorobenzene	SW1311/8270C	mg/L	< 0.01
Hexachlorobutadiene	SW1311/8270C	mg/L	< 0.01
Hexachloroethane	SW1311/8270C	mg/L	< 0.01
Nitrobenzene	SW1311/8270C	mg/L	< 0.01
2-methylphenol	SW1311/8270C	mg/L	< 0.01
3- & 4-Methylphenol	SW1311/8270C	mg/L	< 0.01
Pentachlorophenol	SW1311/8270C	mg/L	< 0.05
Pyridine	SW1311/8270C	mg/L	< 0.01
2,4,5-Trichlorophenol	SW1311/8270C	mg/L	< 0.01
2,4,6-Trichlorophenol	SW1311/8270C	mg/L	< 0.01
Aroclor 1016	SW8082	mg/Kg	< 1
Aroclor 1221	SW8082	mg/Kg	< 1
Aroclor 1232	SW8082	mg/Kg	< 1
Aroclor 1242	SW8082	mg/Kg	< 1
Aroclor 1248	SW8082	mg/Kg	< 1
Aroclor 1254	SW8082	mg/Kg	< 1
Aroclor 1260	SW8082	mg/Kg	< 1
Arsenic	SW1311/6020	mg/L	< 0.01
Barium	SW1311/6020	mg/L	< 0.5
Cadmium	SW1311/6020	mg/L	< 0.005
Chromium	SW1311/6020	mg/L	0.097
Lead	SW1311/6020	mg/L	1400
Mercury	SW1311/7470A	mg/L	< 0.0002
Selenium	SW1311/6020	mg/L	< 0.01
Silver	SW1311/6020	mg/L	< 0.01

Amereco Engineering
204 E Jefferson St
Valparasio, IN 46383

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

March 30, 2011

Amereco Inc.
204 E. Jefferson
Valparaiso, IN 46383
Telephone: (219) 531-0531
Fax: (219) 464-0464

RE: 10.2466, Studebake Phase 4, South Bend

STAT Project No: 11030634

Dear Steven Travis:

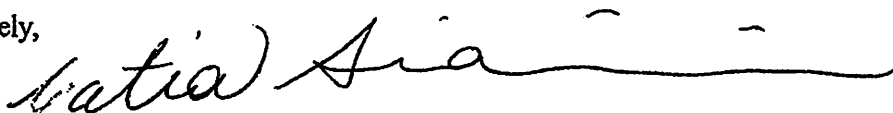
STAT Analysis received 4 samples for the referenced project on 3/23/2011 3:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Amereco Inc.
Project: 10.2466, Studebake Phase 4, South Bend
Lab Order: 11030634

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030634-001A	S-01/ Wood Blocks		3/21/2011	3/23/2011
11030634-002A	S-02/ Concrete		3/21/2011	3/23/2011
11030634-003A	S-03/ Drum Composite		3/21/2011	3/23/2011
11030634-004A	S-04/ Oil-Dirt		3/21/2011	3/23/2011

CLIENT: Amereco Inc.
Project: 10.2466, Studebake Phase 4, South Bend
Lab Order: 11030634

CASE NARRATIVE

The TCLP metals Matrix Spike (MS) prepared from sample S-03/ Drum Composite (11030634-003) had recovery outside control limits for all analytes. The sample concentration for lead is greater than four times the spike level used. The sample and Matrix Spike (MS) was not reanalyzed for other analytes due to high lead content.

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 30, 2011

Date Printed: March 30, 2011

Client: Amereco Inc.	Client Sample ID: S-03/ Drum Composite
Lab Order: 11030634	Collection Date: 3/21/2011
Project: 10.2466, Studebake Phase 4, South Bend	Matrix: Solid
Lab ID: 11030634-003	

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs in Solid						
	SW8082 (SW3580A)			Prep Date: 3/24/2011		Analyst: OES
Aroclor 1016	ND	1		mg/Kg	1	3/26/2011
Aroclor 1221	ND	1		mg/Kg	1	3/26/2011
Aroclor 1232	ND	1		mg/Kg	1	3/26/2011
Aroclor 1242	ND	1		mg/Kg	1	3/26/2011
Aroclor 1248	ND	1		mg/Kg	1	3/26/2011
Aroclor 1254	ND	1		mg/Kg	1	3/26/2011
Aroclor 1260	ND	1		mg/Kg	1	3/26/2011
TCLP Mercury						
	SW1311/7470A			Prep Date: 3/24/2011		Analyst: LB
Mercury	ND	0.0002		mg/L	1	3/25/2011
TCLP Metals by ICP/MS						
	SW1311/6020 (SW3005A)			Prep Date: 3/24/2011		Analyst: JG
Arsenic	ND	0.01		mg/L	5	3/24/2011
Barium	ND	0.5		mg/L	5	3/24/2011
Cadmium	ND	0.005		mg/L	5	3/24/2011
Chromium	0.097	0.01		mg/L	5	3/24/2011
Lead	1400	15		mg/L	10000	3/25/2011
Selenium	ND	0.01		mg/L	5	3/24/2011
Silver	ND	0.01		mg/L	5	3/24/2011
TCLP Semivolatile Organic Compounds						
	SW1311/8270C (SW3510C)			Prep Date: 3/24/2011		Analyst: DM
1,4-Dichlorobenzene	ND	0.01		mg/L	1	3/25/2011
2,4-Dinitrotoluene	ND	0.01		mg/L	1	3/25/2011
Hexachlorobenzene	ND	0.01		mg/L	1	3/25/2011
Hexachlorobutadiene	ND	0.01		mg/L	1	3/25/2011
Hexachloroethane	ND	0.01		mg/L	1	3/25/2011
Nitrobenzene	ND	0.01		mg/L	1	3/25/2011
2-methylphenol	ND	0.01		mg/L	1	3/25/2011
3- & 4-Methylphenol	ND	0.01		mg/L	1	3/25/2011
Pentachlorophenol	ND	0.05		mg/L	1	3/25/2011
Pyridine	ND	0.01		mg/L	1	3/25/2011
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	3/25/2011
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	3/25/2011
TCLP Volatile Organic Compounds by GC/MS						
	SW1311/8260B (SW5030B)			Prep Date: 3/23/2011		Analyst: EJJ
Benzene	ND	0.05		mg/L	10	3/24/2011
2-Butanone	ND	0.2		mg/L	10	3/24/2011
Carbon tetrachloride	ND	0.05		mg/L	10	3/24/2011
Chlorobenzene	ND	0.05		mg/L	10	3/24/2011
Chloroform	ND	0.05		mg/L	10	3/24/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 30, 2011

Date Printed: March 30, 2011

Client:	Ameresco Inc.	Client Sample ID:	S-03/ Drum Composite
Lab Order:	11030634	Collection Date:	3/21/2011
Project:	10.2466, Studebake Phase 4, South Bend	Matrix:	Solid
Lab ID:	11030634-003		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS						
		SW1311/8260B (SW5030B)			Prep Date: 3/23/2011	Analyst: EJH
1,2-Dichloroethane	ND	0.05		mg/L	10	3/24/2011
1,1-Dichloroethene	ND	0.05		mg/L	10	3/24/2011
Tetrachloroethene	ND	0.05		mg/L	10	3/24/2011
Trichloroethene	ND	0.05		mg/L	10	3/24/2011
Vinyl chloride	ND	0.05		mg/L	10	3/24/2011

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

CHAIN OF CUSTODY RECORD

N^o: 823632

Company: Amercep Engineering
 Project Number: 10.2466 J Client Tracking No.:
 Project Name: Shidebake Phase 4
 Project Location: South Bend, IN
 Sampler(s): S. Travis
 Report To: _____ Phone: 219.581.0581
 Fax: 219.464.0464
 e-mail: labresults@amercep.com

QC Level: 1 2 3 4
 Client Sample Number/Description: _____ Date Taken _____ Time Taken _____ Matrix _____ Comp _____ Grab _____ Preserv. _____ No. of Containers _____

Client Sample Number/Description	Date Taken	Time Taken	Matrix	Comp	Grab	Preserv.	No. of Containers	Remarks	Results Needed: am/y/m
S-01 / Wood Blocks	3/21				X	A	1	X	
S-02 / Concrete					X	A	2	X	
S-03 / Drum Composite					X	A	1	X X X	
S-04 / oil - Dirt					X	A	1	X X	

Relinquished by: (Signature) [Signature] Date/Time: 3/22/2011 09:55
 Received by: (Signature) [Signature] Date/Time: 3/23/11 (S)
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____

Comments: Need Results For S-01 by Monday 3/28/2011

Preservation Code: A = None B = HNO₃ C = NaOH
 D = H₂SO₄ F = HCl G = Other

CHAIN OF CUSTODY RECORD

No: 803632 Page: 11 of 11

Company: STAT ANALYSIS CORPORATION Client Tracking No.: 11030634
 Project Number: 11030634
 Project Name: Phase 4
 Project Location: 11030634
 Sampler(s): 11030634
 Report To: 11030634

Phone: 312-733-0551
 Fax: 312-733-2386
 e-mail: STAT@stat-analysis.com

QC Level: 1 2 3 4

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Presrv	No. of Containers
<u>11030634</u>	<u>3/1</u>						<u>1</u>
<u>11030634</u>	<u>3/1</u>						<u>2</u>
<u>11030634</u>	<u>3/1</u>						<u>1</u>
<u>11030634</u>	<u>3/1</u>						<u>1</u>

Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____

P.O. No.: _____
 Quote No.: _____

Remarks	any/pan
<u>11030634</u>	<u>11030634</u>
<u>11030634</u>	<u>11030634</u>
<u>11030634</u>	<u>11030634</u>
<u>11030634</u>	<u>11030634</u>

Turn Around: 5-8 DM
 Results Needed: _____

Comments: 11030634
 Preservation Code: A - None B - HNO₃ C - NaOH
 D - H₂SO₄ E - HCl F - 60% Tart. ac G - Other

Sample Receipt Checklist

Client Name **AMERECO**

Date and Time Received: **3/23/2011 3:00:00 PM**

Work Order Number **11030634**

Received by: **JJM**

Checklist completed by: *[Signature]* **3/23/11**
Signature Date

Reviewed by: **KC** **3/24/11**
Initials Date

Matrix: _____ Carrier name **UPS**

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? 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/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature **4.8 °C**
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

