



# AMERECO, INC.

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## 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: TCLP Mercury SW1311/7470A, TCLP Metals by ICP/MS SW1311/6020 (SW3005A),  
PCBs in Solid SW8082 (SW3580A)

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SAMPLE ID	MATRIX	LOCATION and DESCRIPTION
S-04	Solid	Oil-Dirt, cool to 4°C ±2°

Analyzed by: SAC

Ref Number: 11030634

Sampled by:   
Steven Travis

Studebaker Phase IV  
Sample Results - Building 85  
Oil-Dirt

	Laboratory ID :	11030634-004	
	Client Sample ID :	S-04/ Oil-Dirt	
	Date Collected :	03/21/2011	
Analyte	Test Method	Units	
Aroclor 1016	SW8082	mg/Kg	< 0.91
Aroclor 1221	SW8082	mg/Kg	< 0.91
Aroclor 1232	SW8082	mg/Kg	< 0.91
Aroclor 1242	SW8082	mg/Kg	< 0.91
Aroclor 1248	SW8082	mg/Kg	< 0.91
Aroclor 1254	SW8082	mg/Kg	< 0.91
Aroclor 1260	SW8082	mg/Kg	13
Arsenic	SW1311/6020	mg/L	< 0.01
Barium	SW1311/6020	mg/L	1.6
Cadmium	SW1311/6020	mg/L	0.086
Chromium	SW1311/6020	mg/L	0.011
Lead	SW1311/6020	mg/L	3.9
Mercury	SW1311/7470A	mg/L	< 0.0002
Selenium	SW1311/6020	mg/L	< 0.01
Silver	SW1311/6020	mg/L	< 0.01

**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.*

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

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**Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
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

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Date Reported: March 30, 2011

Date Printed: March 30, 2011

<b>Client:</b> Amereco Inc.	<b>Client Sample ID:</b> S-04/ Oil-Dirt
<b>Lab Order:</b> 11030634	<b>Collection Date:</b> 3/21/2011
<b>Project:</b> 10.2466, Studebake Phase 4, South Bend	<b>Matrix:</b> Solid
<b>Lab ID:</b> 11030634-004	

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>PCBs in Solid</b>	<b>SW8082 (SW3580A)</b>			<b>Prep Date: 3/24/2011</b>		<b>Analyst: OES</b>
Aroclor 1016	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1221	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1232	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1242	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1248	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1254	ND	0.91		mg/Kg	1	3/26/2011
Aroclor 1260	13	0.91		mg/Kg	1	3/26/2011
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			<b>Prep Date: 3/24/2011</b>		<b>Analyst: LB</b>
Mercury	ND	0.0002		mg/L	1	3/25/2011
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020 (SW3005A)</b>			<b>Prep Date: 3/24/2011</b>		<b>Analyst: JG</b>
Arsenic	ND	0.01		mg/L	5	3/24/2011
Barium	1.6	0.5		mg/L	5	3/24/2011
Cadmium	0.086	0.005		mg/L	5	3/24/2011
Chromium	0.011	0.01		mg/L	5	3/24/2011
Lead	3.9	0.15		mg/L	100	3/25/2011
Selenium	ND	0.01		mg/L	5	3/24/2011
Silver	ND	0.01		mg/L	5	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

Company: Ameresco Engineering Client Tracking No.:  
 Project Number: 102466  
 Project Name: Studebaker Phase 4  
 Project Location: South Bend, IN  
 Sampler(s): S. Travis  
 Report To: \_\_\_\_\_ Phone: 219.581.0581  
 Fax: 219.464.0464  
 e-mail: labresults@amerescoeng.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:
S-01 / Wood Blocks	3/21				X	A	1	X	am/pm
S-02 / Concrete					X	A	2	X	
S-03 / Drum Composite					X	A	1	X	
S-04 / oil - Dirt					X	A	1	X	

Turn Around: \_\_\_\_\_  
 Results Needed: \_\_\_\_\_  
 Comments: Need Results For S-01 by Monday 3/28/2011  
 Relinquished by: (Signature) Sam Travis Date/Time: 3/22/2011 09:50  
 Received by: (Signature) [Signature] Date/Time: 3/23/11 11:10  
 Relinquished by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
 D = H<sub>2</sub>SO<sub>4</sub> F = HCl G = Other



**Sample Receipt Checklist**

Client Name **AMERECO**

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

Work Order Number **11030834**

Received by: **JJM**

Checklist completed by: \_\_\_\_\_

*[Handwritten 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.

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Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Client / Person contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Response: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_