



AMERECO, INC.

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February 24, 2011

Mr. Jeffrey C. Teagarden
Dore and Associates Contracting, Inc.
900 Harry S. Truman Parkway
Bay City, Michigan 48706

**RE: Studebaker Area "A" – Phase IV
Foundry Building – Electrical / Transformer Areas
Concrete Samples – PCB Analysis
Project # 10.2466**

Dear Mr. Teagarden:

Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the sample log form, sample location map, and analytical report for the concrete composite samples collected from the above captioned locations.

The sampling was performed in accordance with all applicable state and federal rules and regulations. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions or if we can be of any additional service.

Respectfully,

John Blosky
Environmental Engineer



Attachment





AMERECO, INC.

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SAMPLE LOG FORM

Client: Mr. Jeffrey C. Teagarden
Dore and Associates Contracting, Inc.
900 Harry S. Truman Parkway
Bay City, Michigan 48706

Project: Studebaker Area "A" - Phase IV

Project No. 10.2466

Analysis / Method: PCBs SW8082 (SW3550B)

SAMPLE ID	DATE COLLECTED	MATRIX	LOCATION and DESCRIPTION
85-TR1	02/01/2011	Solid	Building 85 - North Side of Mezzanine Level Concrete, cool to 4°C ± 2° C 2 Aliquots - 12" Depth
85-TR2	02/01/2011	Solid	Building 85 - SW Corner of Pump Room Concrete, cool to 4°C ± 2° C 3 Aliquots - 12" Depth
85-TR3	02/01/2011	Solid	Building 85 - Basement Area # 3 Concrete cool to 4°C ± 2° C 4 Aliquots - 12" Depth
85-TR4	02/01/2011	Solid	Building 85 - Transformer Room # 4 Concrete, cool to 4°C ± 2° C 3 Aliquots - 12" Depth

Analyzed by: SAC

Ref Number: 11020081

Sampled by: 
Steven Travis



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-

February 11, 2011

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

RE: 10.2466, Studebaker Area "A", South Bend, IN

STAT Project No 11020081

Dear Steven Travis:

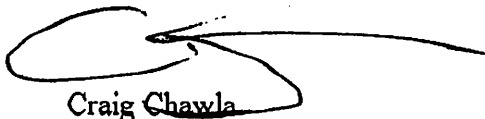
STAT Analysis received 4 samples for the referenced project on 2/7/2011 3:00:00 PM. The analytical results are presented in the following report.

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,



Craig Chawla
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, Studebaker Area "A", South Bend, IN
Lab Order: 11020081

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11020081-001A	85-TR1		2/1/2011	2/7/2011
11020081-002A	85-TR2		2/1/2011	2/7/2011
11020081-003A	85-TR3		2/1/2011	2/7/2011
11020081-004A	85-TR4		2/1/2011	2/7/2011

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Date Reported: February 11, 2011

Date Printed: February 11, 2011

Client: Amereco Inc.

Project: 10.2466, Studebaker Area "A", South Bend, IN

Lab Order: 11020081

Lab ID: 11020081-001

Collection Date 2/1/2011

Client Sample ID:85-TR1

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8082 (SW3550B)				Prep Date: 2/8/2011	Analyst: GVC
Aroclor 1016	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1221	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1232	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1242	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1248	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1254	ND	0.087		mg/Kg-dry	1	2/8/2011
Aroclor 1260	ND	0.087		mg/Kg-dry	1	2/8/2011
Percent Moisture	D2974				Prep Date: 2/7/2011	Analyst: MNG
Percent Moisture	8.4	0.2	*	wt%	1	2/8/2011

Lab ID: 11020081-002

Collection Date 2/1/2011

Client Sample ID:85-TR2

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8082 (SW3550B)				Prep Date: 2/8/2011	Analyst: GVC
Aroclor 1016	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1221	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1232	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1242	0.85	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1248	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1254	0.45	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1260	0.19	0.084		mg/Kg-dry	1	2/8/2011
Percent Moisture	D2974				Prep Date: 2/7/2011	Analyst: MNG
Percent Moisture	4.6	0.2	*	wt%	1	2/8/2011

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

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

Date Reported: February 11, 2011

Date Printed: February 11, 2011

Client: Amereco Inc.

Project: 10.2466, Studebaker Area "A", South Bend, IN

Lab Order: 11020081

Lab ID: 11020081-003

Collection Date 2/1/2011

Client Sample ID:85-TR3

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8082 (SW3550B)				Prep Date: 2/8/2011	Analyst: GVC
Aroclor 1016	ND	0.081		mg/Kg-dry	1	2/8/2011
Aroclor 1221	ND	0.081		mg/Kg-dry	1	2/8/2011
Aroclor 1232	ND	0.081		mg/Kg-dry	1	2/8/2011
Aroclor 1242	0.96	0.081		mg/Kg-dry	1	2/8/2011
Aroclor 1248	ND	0.081		mg/Kg-dry	1	2/8/2011
Aroclor 1254	120	8.1		mg/Kg-dry	100	2/8/2011
Aroclor 1260	270	8.1		mg/Kg-dry	100	2/8/2011
Percent Moisture	D2974				Prep Date: 2/7/2011	Analyst: MNG
Percent Moisture	2.1	0.2	*	wt%	1	2/8/2011

Lab ID: 11020081-004

Collection Date 2/1/2011

Client Sample ID:85-TR4

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8082 (SW3550B)				Prep Date: 2/8/2011	Analyst: GVC
Aroclor 1016	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1221	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1232	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1242	1.3	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1248	ND	0.084		mg/Kg-dry	1	2/8/2011
Aroclor 1254	150	8.4		mg/Kg-dry	100	2/8/2011
Aroclor 1260	350	8.4		mg/Kg-dry	100	2/8/2011
Percent Moisture	D2974				Prep Date: 2/7/2011	Analyst: MNG
Percent Moisture	5.6	0.2	*	wt%	1	2/8/2011

Qualifiers:
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 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

Company: **America Engineering**
 Project Number: **102466** Client Tracking No.:
 Project Name: **Shidebuker Area "A"**
 Project Location: **South Bend, IN**
 Sampler(s): **S. Lewis**
 Report To: **Steven Lewis** Phone: **219-531-0551**
 Fax: **219-464-0464**
 e-mail: **l-bres@americacem.com**

P.O. No.: **020311.2**
 Quote No.: **102466**

QC Level: **1** **X** **2** **3** **4**

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Preser	No of Containers
85-TR1	1/1/2011		solid	X	X	X	1
85-TR2	↓		↓	X	X	X	1
85-TR3	↓		↓	X	X	X	1
85-TR4	↓		↓	X	X	X	1

Remarks	Lab No.:
	001
	002
	003
	004

Relinquished by: (Signature) *Steven Lewis* Date/Time: **2/23/2011 08:00**
 Received by: (Signature) *[Signature]* Date/Time: **3/1/11 15:00**
 Relinquished by: (Signature) *[Signature]* Date/Time:
 Received by: (Signature) *[Signature]* Date/Time:
 Relinquished by: (Signature) *[Signature]* Date/Time:
 Received by: (Signature) *[Signature]* Date/Time:

Comments: **SAMPLES PLACED ON ICE**

Laboratory Work Order No.: **11020081**

Received on Ice: Yes No
 Temperature: **3.1** °C

Preservation Code: A = None B = HNO₃ C = NaOH
 D = H₂SO₄ E = HCl F = 50%/inCore G = Other

Sample Receipt Checklist

Client Name **AMERECO**

Date and Time Received: **2/7/2011 3:00:00 PM**

Work Order Number **11020081**

Received by: **JJM**

Checklist completed by:

[Signature] **2/7/11**
Signature Date

Reviewed by:

Cc 2/8/11
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 *2/9/2011*
- Container or Temp Blank temperature in compliance? Yes No Temperature **3.1 °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: *All samples were received out of holding time for PCB Analysis*

Client / Person contacted: *Ach/AMERECO*

Date contacted: *2/9/2011*

Contacted by: *De VINE-MEL*

Response: *DATE COLLECTED IS 2/1/2011*

STAT Analysis Corporation

CLIENT: Amereco Inc.
 Work Order: 11020081
 Project: 10.2466, Studebaker Area "A", South Bend, IN
 Test No: SW8082 Matrix: S

**QC SUMMARY REPORT
 SURROGATE RECOVERIES**

Sample ID	CL10BZ2	XYL2456CLM						
MB-54357-PCB	109	106						
LCS-54357-PCB	82.8	86.9						
11010461-003BMS	82.8	80.8						
11010461-003BMSD	73.7	73.7						
11020081-001A	51.5	61.6						
11020081-002A	77.8	78.8						
11020081-003A	127	63.6						
11020081-004A	195 *	70.7						
11020081-004A:100	101	101						

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

* Surrogate recovery outside acceptance limit

Prep Start Date: 2/7/2011 10:39:27 A
 Prep End Date:

Prep Factor Units:
 mL / Kg

Prep Batch 54357 Prep Code: 3550_PCB Technician: PEM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-54357-PCB			0.03	0	0	10	333.333	2/7/2011	2/7/2011
LCS-54357-PCB			0.03	0	0	10	333.333	2/7/2011	2/7/2011
11010461-003B	Soil		0.03005	0	0	10	332.779	2/7/2011	2/7/2011
11020044-001A	1 Quality Con		0.03	0	0	10	333.333	2/7/2011	2/7/2011
11020044-002A	1 Quality Con		0.03	0	0	10	333.333	2/7/2011	2/7/2011
11010461-003BMS	Soil		0.03004	0	0	10	332.889	2/7/2011	2/7/2011
11010461-003BMSD	Soil		0.03004	0	0	10	332.889	2/7/2011	2/7/2011
11020064-001A	Soil		0.03032	0	0	10	329.815	2/8/2011	2/8/2011
11020064-002A	Soil		0.03041	0	0	10	328.839	2/8/2011	2/8/2011
11020071-001A	Soil		0.03025	0	0	10	330.579	2/8/2011	2/8/2011
11020073-001A	Soil		0.0302	0	0	10	331.126	2/8/2011	2/8/2011
11020073-002A	Soil		0.03022	0	0	10	330.907	2/8/2011	2/8/2011
11020081-001A	Solid		0.03024	0	0	10	330.688	2/8/2011	2/8/2011
11020081-002A	Solid		0.03009	0	0	10	332.336	2/8/2011	2/8/2011
11020081-003A	Solid		0.03036	0	0	10	329.381	2/8/2011	2/8/2011
11020081-004A	Solid		0.03028	0	0	10	330.251	2/8/2011	2/8/2011

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.
Work Order: 11020081
Project: 10.2466, Studebaker Area "A", South Bend, IN

BatchID: 54357

Sample ID: MB-54357-PCB	SampType: MBLK	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 2/7/2011	Run ID: GC-ECD3_110207A						
Client ID: ZZZZ	Batch ID: 54357	TestNo: SW8082		Analysis Date: 2/7/2011	SeqNo: 1856310						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.080									
Aroclor 1221	ND	0.080									
Aroclor 1232	ND	0.080									
Aroclor 1242	ND	0.080									
Aroclor 1248	ND	0.080									
Aroclor 1254	ND	0.080									
Aroclor 1260	ND	0.080									

Sample ID: LCS-54357-PCB	SampType: LCS	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 2/7/2011	Run ID: GC-ECD3_110207A						
Client ID: ZZZZ	Batch ID: 54357	TestNo: SW8082		Analysis Date: 2/7/2011	SeqNo: 1856311						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.3291	0.080	0.333	0	98.8	30	150	0	0		
Aroclor 1260	0.2803	0.080	0.333	0	84.2	30	150	0	0		

Sample ID: 11010461-003BMS	SampType: MS	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 2/7/2011	Run ID: GC-ECD3_110207A						
Client ID: ZZZZ	Batch ID: 54357	TestNo: SW8082		Analysis Date: 2/7/2011	SeqNo: 1856313						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.3746	0.10	0.4188	0	89.4	30	150	0	0		
Aroclor 1260	0.3274	0.10	0.4188	0	78.2	30	150	0	0		

Sample ID: 11010461-003BMSD	SampType: MSD	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 2/7/2011	Run ID: GC-ECD3_110207A						
Client ID: ZZZZ	Batch ID: 54357	TestNo: SW8082		Analysis Date: 2/7/2011	SeqNo: 1856314						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.3659	0.10	0.4188	0	87.4	30	150	0.3746	2.36	25	
Aroclor 1260	0.2972	0.10	0.4188	0	71	30	150	0.3274	9.67	25	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 * - Non Accredited Parameter
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 H/HT - Holding Time Exceeded
 B - Analyte detected in the associated Method Blank
 E - Value above quantitation range

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.
Work Order: 11020081
Project: 10.2466, Studebaker Area "A", South Bend, IN

BatchID: R69368

Sample ID: PMBLK1 2/7/2011	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 2/7/2011	Run ID: BALANCE_110207A		
Client ID: ZZZZ	Batch ID: R69368	TestNo: D2974		Analysis Date: 2/8/2011	SeqNo: 1856456		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RCD	RPDLimit	Qual
Percent Moisture	ND	0.200					*

Sample ID: PMLCS-S1 2/7/2011	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 2/7/2011	Run ID: BALANCE_110207A		
Client ID: ZZZZ	Batch ID: R69368	TestNo: D2974		Analysis Date: 2/8/2011	SeqNo: 1856457		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RCD	RPDLimit	Qual
Percent Moisture	4.46	0.200	5	0	89.2	0	*

Sample ID: PMLCS-W1 2/7/2011	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 2/7/2011	Run ID: BALANCE_110207A		
Client ID: ZZZZ	Batch ID: R69368	TestNo: D2974		Analysis Date: 2/8/2011	SeqNo: 1856458		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RCD	RPDLimit	Qual
Percent Moisture	99.79	0.200	99.8	0	100	0	*

Sample ID: 11020064-002A DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 2/7/2011	Run ID: BALANCE_110207A		
Client ID: ZZZZ	Batch ID: R69368	TestNo: D2974		Analysis Date: 2/8/2011	SeqNo: 1856461		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RCD	RPDLimit	Qual
Percent Moisture	20.5	0.200	0	0	0	20.2	1.47

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits
 H/HT - Holding Time Exceeded
 B - Analyte detected in the associated Method Blank
 E - Value above quantitation range