TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-60518-1

Job Description: Environmental Dialogne Committee

For:
Kennedy & Madonna, LLP
48 Dewitt Mills Rd
Hurley, NY 12443

Attention: Mr. Kevin Madonna

Approved for release.
Sheila Hoffman
Project Manager I
9/28/2010 10:23 AM

Sheila Hoffman
Project Manager I
sheila.hoffman@testamericainc.com
09/28/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; AZ: AZ0741; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

METHOD SUMMARY

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Semivolatile Organic Compounds (GC/MS) Low level PAH	TAL SAV	SW846 8270C_LL_PAH	
Microwave Extraction	TAL SAV		SW846 3546
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Metals	TAL SAV		SW846 3050B
Mercury (CVAA)	TAL SAV	SW846 7471A	
Preparation, Mercury	TAL SAV		SW846 7471A
Sulfur, Total	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050
SW846 8280 Dioxins	TAL WSC	SW846 8280	
Total Gross Alpha/Beta	SC0009	EPA 900.0	

Lab References:

SC0009 = KNL Laboratory Services

TAL SAV = TestAmerica Savannah

TAL WSC = TestAmerica West Sacramento

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Method	Analyst	Analyst ID
SW846 8270C_LL_PAH	Hao, Lili	LH
SW846 6010B	Bland, Brian	BCB
SW846 7471A	Eaton, Cliff	CE
SW846 9038	Nelson, Christopher	CN

SAMPLE SUMMARY

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-60518-1	Salinas 1	Solid	08/18/2010 0900	08/19/2010 0935

KNL LABORATORY SERVICES
2742 N. Florida Ave.
P.O. Box 1833
Tampa, Florida 33601
(813) 229-2879
Fax (813) 229-0002

Report Date: August 31, 2010

TestAmerica-Savannah
5102 LaRoche Ave.
Savannah, GA. 31404

Attn: Sheila Hoffman

Field Custody: Client
Client/Field ID: 680-60518-01 Salinas1

Sample Collection: 8-18-10/0900
Lab ID No: 10.5776
Lab Custody Date: 8-25-10/1100
Sample description: solid

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/g	9.9 ± 1.6	8-31-10/0800	DOE RP710	1.6
Gross Beta	pCi/g	5.7 ± 0.8	8-31-10/0800	DOE RP710	1.6

Alpha Standard: Th-230
Beta Standard: Ca-137

James W. Hayes
Laboratory Manager

Test results meet all the requirements of the NELAC standards.
Contact person: Jim Hayes (813) 229-2879.

Page 1 of 1

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

09/28/2010

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Hoffman, Sheila	Carrier Tracking No(s):	COC No: 680-185057.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: sheila.hoffman@testamericainc.com		Page: Page 1 of 1
Company: KNL Laboratory Services		**Analysis Requested**		Job #: 680-60518-1
Address: 2742 North Florida Avenue,	Due Date Requested: 8/31/2010			**Preservation Codes:** A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33601				Other:
Phone: 813-229-2879(Tel)	PO #:			
Email:	WO #:			
Project Name: Environmental Dialogne Committee	Project #: 68007797			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	SUBCONTRACT	Special Instructions/Note:
Salinas 1 (680-60518-1)	8/18/10	09:00 Eastern		Solid		X	

Corp Alpt / Beta

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 8/20/10 1700	Company TAS	Received by: Ramandeep.	Date/Time: 8-25-10/1103	Company KNL	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Client Sample ID: **Salinas 1**

Lab Sample ID: 680-60518-1
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/18/2010 0900
Date Received: 08/19/2010 0935

8270C_LL_PAH Semivolatile Organic Compounds (GC/MS) Low level PAH

Method:	8270C_LL_PAH	Analysis Batch: 680-178401		Instrument ID:	MSK
Preparation:	3546	Prep Batch: 680-178201		Lab File ID:	k1578.d
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	08/26/2010 1540			Final Weight/Volume:	1 mL
Date Prepared:	08/25/2010 1121			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1-Methylnaphthalene		<10		10
2-Methylnaphthalene		<10		10
Acenaphthene		<10		10
Acenaphthylene		<10		10
Anthracene		<10		10
Benzo[a]anthracene		<10		10
Benzo[a]pyrene		<10		10
Benzo[b]fluoranthene		<10		10
Benzo[g,h,i]perylene		<10		10
Benzo[k]fluoranthene		<10		10
Chrysene		<10		10
Dibenz(a,h)anthracene		<10		10
Fluoranthene		<10		10
Fluorene		<10		10
Indeno[1,2,3-cd]pyrene		<10		10
Naphthalene		<10		10
Pyrene		<10		10
Phenanthrene		<10		10

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	38		29 - 130

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Client Sample ID: **Salinas 1**

Lab Sample ID: 680-60518-1
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/18/2010 0900
Date Received: 08/19/2010 0935

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 680-178536		Instrument ID:	ICPD
Preparation:	3050B	Prep Batch: 680-178345		Lab File ID:	082710.chr
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	08/28/2010 0406			Final Weight/Volume:	100 mL
Date Prepared:	08/26/2010 1135				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Antimony		5.3		3.1
Arsenic		23		3.1
Barium		720		1.5
Beryllium		2.2		0.62
Boron		140		15
Cadmium		1.2		0.77
Chromium		35		1.5
Cobalt		12		1.5
Copper		46		3.8
Iron		28000		31
Lead		8.3		1.5
Magnesium		6500		77
Manganese		310		1.5
Molybdenum		8.7		1.5
Nickel		33		6.2
Selenium		19		3.8
Silver		<1.5		1.5
Thallium		<3.8		3.8
Vanadium		130		1.5
Zinc		64		3.1

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 680-178327		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-178055		Lab File ID:	b082510.chr
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Date Analyzed:	08/25/2010 1916			Final Weight/Volume:	50 mL
Date Prepared:	08/24/2010 1034				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.21		0.018

General Chemistry

Client Sample ID: **Salinas 1**

Lab Sample ID: 680-60518-1

Client Matrix: Solid

% Moisture: 35.7

Date Sampled: 08/18/2010 0900

Date Received: 08/19/2010 0935

Analyte	Result	Qual	Units	RL	Dil	Method
Total Sulfur	7600		mg/Kg	250	1.0	9038

Analysis Batch: 680-178342 Date Analyzed: 08/26/2010 1128 DryWt Corrected: Y

Prep Batch: 680-178338 Date Prepared: 08/26/2010 1000

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

September 22, 2010

TestAmerica Project Number: G0H240526
PO/Contract: 680-60518

Sheila Hoffmann
TestAmerica Savannah
5102 Laroche Avenue
Savannah, GA 31404

Dear Ms. Hoffmann,

This report contains the analytical results for the sample received under chain of custody by TestAmerica on August 24, 2010. This sample is associated with your 680-60518 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4402.

Sincerely,

Jill Kellmann

Jill Kellmann
Project Manager

Table of Contents

TestAmerica West Sacramento Project Number G0H240526

Case Narrative

TestAmerica West Sacramento Project Number G0H240526

There are no anomalies associated with this project.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ACCREDITED IN ACCORDANCE WITH nelac

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	New York*	11666
Arizona	AZ0708	Oregon*	CA 200005
Arkansas	88-0691	Pennsylvania	68-1272
California*	01119CA	South Carolina	87014
Colorado	NA	Texas	T104704399-08-TX
Connecticut	PH-0691	Utah*	QUAN1
Florida*	E87570	Virginia	00178
Georgia	960	Washington	C1281
Hawaii	NA	West Virginia	9930C, 334
Illinois	200060	Wisconsin	998204680
Kansas*	E-10375	NFESC	NA
Louisiana*	30612	USACE	NA
Michigan	9947	USDA Foreign Plant	37-82605
Nevada	CA44	USDA Foreign Soil	P330-09-00055
New Jersey*	CA005	US Fish & Wildlife	LE148388-0
New Mexico	NA	Guam	09-014r

*NELAP accredited. A more detailed parameter list is available upon request. Updated 3/25/2009

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G0H240526

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
L53KG	1	SALINAS 1 (680-60518-1)	8/18/2010 09:00 AM	8/24/2010 09:05 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Hoffman, Sheila	Carrier Tracking No(s):	COC No: 680-185191.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: sheila.hoffman@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		**Analysis Requested**		Job #: 680-60518-1
Address: 880 Riverside Parkway,	Due Date Requested: 8/31/2010			Preservation Codes:
City: West Sacramento	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - ph 4-5 L - EDA Z - other (specify)
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel)	PO #:			
Email:	WO #:			Other:
Project Name: Environmental Dialogne Committee	Project #: 68007797			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ 8280A - 2,3,7,8-TCDD													Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
Salinas 1 (680-60518-1)	8/18/10	09:00 Eastern		Solid			X														

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 8-23-10 13:00	Company	Received by: Chris Chu	Date/Time: 8/24/10 - 1050	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica

411111 THE LEADER IN ENVIRONMENTAL TESTING

LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT TAL-Savannah PM VK LOG # 66550

LOT# (QUANTIMS ID) G0H240526 QUOTE# 38914 LOCATION W17C

Checked (✓)

DATE RECEIVED 8/24/10 TIME RECEIVED 0905 ☑

DELIVERED BY ☑ FEDEX ☐ ON TRAC ☐ CLIENT
☐ GOLDENSTATE ☐ UPS ☐ GO-GETTERS ☐ OTHER
☐ TAL COURIER ☐ TAL SF ☐ VALLEY LOGISTICS ☑

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A ☑

CUSTODY SEAL #(S) _____

SHIPPPING CONTAINER(S) ☑ TAL ☐ CLIENT ☐ N/A ☑

COC #(S) 680-185191.1 ☑

TEMPERATURE BLANK Observed: NA Corrected: _____

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 6, 3, 3 Average 4 Corrected Average 4

LABORATORY THERMOMETER ID:

IR UNIT: #4 ☑ #5 ☐ ☐ OTHER _____ ☑

CV 8/24/10
Initials Date

---

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A ☑
LABELED BY..... ☑
LABELS CHECKED BY..... ☑
PEER REVIEW _____ ☑ NA

SHORT HOLD TEST NOTIFICATION
SAMPLE RECEIVING ☑
WETCHEM ☑ N/A ☑
VOA-ENCORES ☑ N/A ☑

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A ☑

☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A ☑

☐ CLOUSEAU ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A
☐ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☐ PM NOTIFIED

CV 8/24/10
Initials Date

Notes _____

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

TestAmerica West Sacramento

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: G0H240526

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ	/																			
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

LEAVE NO SPACES BLANK. USE "NA" IF NOT APPLICABLE.

SOLID, 8280A, 2,3,7,8-TCDD

TestAmerica Savannah

Client Sample ID: SALINAS 1 (680-60518-1)

Trace Level Organic Compounds

Lot-Sample #...: G0H240526-001 Work Order #...: L53KG1AC Matrix.....: SOLID
Date Sampled...: 08/18/10 Date Received..: 08/24/10
Prep Date.....: 09/04/10 Analysis Date..: 09/07/10
Prep Batch #...: 0246122
Dilution Factor: 1
% Moisture.....: 36

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.50	ng/g	SW846 8280A

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	76	(25 - 150)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	76	(25 - 150)

QC DATA ASSOCIATION SUMMARY

G0H240526

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	ASTM D 2216-90		0256307	0256200
	SOLID	SW846 8280A		0246122	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G0H240526 Work Order #...: L6HK51AA Matrix.....: SOLID
MB Lot-Sample #: G0I030000-122

Prep Date.....: 09/04/10
Analysis Date..: 09/07/10 Prep Batch #...: 0246122
Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.50	ng/g	SW846 8280A

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	76	(25 - 150)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	77	(25 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G0H240526 Work Order #...: L6HK51AC Matrix.....: SOLID
LCS Lot-Sample#: G0I030000-122
Prep Date.....: 09/04/10 Analysis Date..: 09/07/10
Prep Batch #...: 0246122
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**106**	**(65 - 125)**	**SW846 8280A**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	77	(25 - 150)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	80	(25 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G0H240526 Work Order #...: L6HK51AC Matrix.....: SOLID
LCS Lot-Sample#: G0I030000-122
Prep Date.....: 09/04/10 Analysis Date..: 09/07/10
Prep Batch #...: 0246122
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**2.50**	**2.66**	**ng/g**	**106**	**SW846 8280A**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	77	(25 - 150)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	80	(25 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SOLID, D 2216-90, Percent Moisture

TestAmerica Savannah

Client Sample ID: SALINAS 1 (680-60518-1)

General Chemistry

Lot-Sample #...: G0H240526-001 Work Order #...: L53KG Matrix.....: SOLID
Date Sampled...: 08/18/10 Date Received..: 08/24/10
% Moisture.....: 36

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	35.6	0.10	%	ASTM D 2216-90	09/13-09/15/10	0256307

Dilution Factor: 1

QC DATA ASSOCIATION SUMMARY

G0H240526

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	ASTM D 2216-90		0256307	0256200
	SOLID	SW846 8280A		0246122	

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: G0H240526 Work Order #...: L6DF4-SMP L6DF4-DUP Matrix.....: SOLID

Date Sampled...: 08/27/10 Date Received..: 08/31/10

% Moisture.....: 5.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	G0H310579-021	
	5.5	5.0	%	9.5	(0-20)	ASTM D 2216-90	09/13-09/15/10	0256307

Dilution Factor: 1

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Method Blank - Batch: 680-178201

Method: 8270C_LL_PAH
Preparation: 3546

Lab Sample ID: MB 680-178201/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/26/2010 1429
Date Prepared: 08/25/2010 1121

Analysis Batch: 680-178401
Prep Batch: 680-178201
Units: ug/Kg

Instrument ID: MSK
Lab File ID: k1575.d
Initial Weight/Volume: 30.06 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	RL
1-Methylnaphthalene	<6.7		6.7
2-Methylnaphthalene	<6.7		6.7
Acenaphthene	<6.7		6.7
Acenaphthylene	<6.7		6.7
Anthracene	<6.7		6.7
Benzo[a]anthracene	<6.7		6.7
Benzo[a]pyrene	<6.7		6.7
Benzo[b]fluoranthene	<6.7		6.7
Benzo[g,h,i]perylene	<6.7		6.7
Benzo[k]fluoranthene	<6.7		6.7
Chrysene	<6.7		6.7
Dibenz(a,h)anthracene	<6.7		6.7
Fluoranthene	<6.7		6.7
Fluorene	<6.7		6.7
Indeno[1,2,3-cd]pyrene	<6.7		6.7
Naphthalene	<6.7		6.7
Pyrene	<6.7		6.7
Phenanthrene	<6.7		6.7

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	83	29 - 130

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-178201

Method: 8270C_LL_PAH
Preparation: 3546

LCS Lab Sample ID:	LCS 680-178201/4-A	Analysis Batch:	680-178401	Instrument ID:	MSK
Client Matrix:	Solid	Prep Batch:	680-178201	Lab File ID:	k1576.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.44 g
Date Analyzed:	08/26/2010 1453			Final Weight/Volume:	1 mL
Date Prepared:	08/25/2010 1121			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 680-178201/5-A	Analysis Batch:	680-178401	Instrument ID:	MSK
Client Matrix:	Solid	Prep Batch:	680-178201	Lab File ID:	k1577.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.15 g
Date Analyzed:	08/26/2010 1516			Final Weight/Volume:	1 mL
Date Prepared:	08/25/2010 1121			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1-Methylnaphthalene	66	67	35 - 130	2	50		
2-Methylnaphthalene	77	80	34 - 130	5	50		
Acenaphthene	66	71	36 - 130	9	50		
Acenaphthylene	70	76	34 - 130	9	50		
Anthracene	82	84	38 - 130	4	50		
Benzo[a]anthracene	84	89	44 - 130	6	50		
Benzo[a]pyrene	83	92	41 - 130	11	50		
Benzo[b]fluoranthene	89	81	40 - 130	8	50		
Benzo[g,h,i]perylene	80	86	37 - 130	8	50		
Benzo[k]fluoranthene	83	63	42 - 130	26	50		
Chrysene	80	81	46 - 130	2	50		
Dibenz(a,h)anthracene	83	92	36 - 130	11	50		
Fluoranthene	74	80	41 - 130	8	50		
Fluorene	78	83	35 - 130	7	50		
Indeno[1,2,3-cd]pyrene	83	89	35 - 130	8	50		
Naphthalene	67	65	36 - 130	1	50		
Pyrene	76	77	41 - 130	3	50		
Phenanthrene	77	80	38 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	78	81	29 - 130

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Method Blank - Batch: 680-178345

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 680-178345/16-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/28/2010 0259
Date Prepared: 08/26/2010 1135

Analysis Batch: 680-178536
Prep Batch: 680-178345
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: 082710.chr
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Antimony	<2.0		2.0
Arsenic	<2.0		2.0
Barium	<1.0		1.0
Beryllium	<0.40		0.40
Boron	<10		10
Cadmium	<0.50		0.50
Chromium	<1.0		1.0
Cobalt	<1.0		1.0
Copper	<2.5		2.5
Iron	<20		20
Lead	<1.0		1.0
Magnesium	<50		50
Manganese	<1.0		1.0
Molybdenum	<1.0		1.0
Nickel	<4.0		4.0
Selenium	<2.5		2.5
Silver	<1.0		1.0
Thallium	<2.5		2.5
Vanadium	<1.0		1.0
Zinc	<2.0		2.0

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Lab Control Sample - Batch: 680-178345

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 680-178345/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/28/2010 0304
Date Prepared: 08/26/2010 1137

Analysis Batch: 680-178536
Prep Batch: 680-178345
Units: mg/Kg

Instrument ID: ICPD
Lab File ID: 082710.chr
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	50.0	46.5	93	75 - 125	
Arsenic	200	184	92	75 - 125	
Barium	200	193	96	75 - 125	
Beryllium	5.00	4.64	93	75 - 125	
Boron	100	91.9	92	75 - 125	
Cadmium	5.00	4.66	93	75 - 125	
Chromium	20.0	18.9	95	75 - 125	
Cobalt	50.0	47.0	94	75 - 125	
Copper	25.0	23.7	95	75 - 125	
Iron	100	98.2	98	75 - 125	
Lead	50.0	46.5	93	75 - 125	
Magnesium	500	467	93	75 - 125	
Manganese	50.0	47.4	95	75 - 125	
Molybdenum	50.0	46.3	93	75 - 125	
Nickel	50.0	46.9	94	75 - 125	
Selenium	200	184	92	75 - 125	
Silver	5.00	4.74	95	75 - 125	
Thallium	200	192	96	75 - 125	
Vanadium	50.0	48.1	96	75 - 125	
Zinc	50.0	47.0	94	75 - 125	

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Method Blank - Batch: 680-178055

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 680-178055/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/25/2010 1900
Date Prepared: 08/24/2010 1034

Analysis Batch: 680-178327
Prep Batch: 680-178055
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: b082510.chr
Initial Weight/Volume: 0.53 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	<0.019		0.019

Lab Control Sample - Batch: 680-178055

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 680-178055/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/25/2010 1904
Date Prepared: 08/24/2010 1034

Analysis Batch: 680-178327
Prep Batch: 680-178055
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: b082510.chr
Initial Weight/Volume: 0.52 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.240	0.255	106	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-178055

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 680-60518-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/25/2010 1925
Date Prepared: 08/24/2010 1034

Analysis Batch: 680-178327
Prep Batch: 680-178055

Instrument ID: LEEMAN1
Lab File ID: b082510.chr
Initial Weight/Volume: 0.55 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-60518-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/25/2010 1928
Date Prepared: 08/24/2010 1034

Analysis Batch: 680-178327
Prep Batch: 680-178055

Instrument ID: LEEMAN1
Lab File ID: b082510.chr
Initial Weight/Volume: 0.54 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	116	110	80 - 120	1	20		

Client: Kennedy & Madonna, LLP

Job Number: 680-60518-1

Method Blank - Batch: 680-178338

Method: 9038
Preparation: 5050

Lab Sample ID: MB 680-178338/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/26/2010 1128
Date Prepared: 08/26/2010 1000

Analysis Batch: 680-178342
Prep Batch: 680-178338
Units: mg/Kg

Instrument ID: KONELAB1
Lab File ID: N/A
Initial Weight/Volume: .5701 g
Final Weight/Volume: 20 mL

Analyte	Result	Qual	RL
Total Sulfur	<150		150

Lab Control Sample - Batch: 680-178338

Method: 9038
Preparation: 5050

Lab Sample ID: LCS 680-178338/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/26/2010 1128
Date Prepared: 08/26/2010 1000

Analysis Batch: 680-178342
Prep Batch: 680-178338
Units: mg/Kg

Instrument ID: KONELAB1
Lab File ID: N/A
Initial Weight/Volume: .5034 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Sulfur	1730	1610	93	50 - 120	

Duplicate - Batch: 680-178338

Method: 9038
Preparation: 5050

Lab Sample ID: 680-60518-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/26/2010 1128
Date Prepared: 08/26/2010 1000

Analysis Batch: 680-178342
Prep Batch: 680-178338
Units: mg/Kg

Instrument ID: KONELAB1
Lab File ID: N/A
Initial Weight/Volume: .5004 g
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Sulfur	7600	7660	1	30	

Serial Number 030907

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location
Phone:
Fax:

09/28/2010

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE) P.R.
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM Environmental Dialogue Committee	CLIENT PHONE (787)790-6734	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS Calle BC3, Salinas, Puerto Rico 00751		
COMPANY CONTRACTING THIS WORK (If applicable)		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ⊗
DATE DUE ____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE ____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 6020, 7471A	9038, Sulfur Total	8270c, PAHs	Gross Alpha, Beta	Dioxin	NUMBER OF CONTAINERS SUBMITTED	REMARKS
		PRESERVATIVE						No						
8/18/10	9:00AM	Salinas 1			✓			✓						
8/18/10	9:00AM	Salinas 1			✓				✓					
8/18/10	9:00AM	Salinas 1			✓					✓				
8/18/10	9:00AM	Salinas 1			✓						✓			
8/19/10	9:00AM	Salinas 1			✓							✓		
		Blank		✓										

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Ramón Lozano	8/18/10	3:30PM						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Monk	8/18/10	0935	YES ○ NO ○		680-60518	2.6 (Blue Ice)

TAL8240-680 (1207)