



Leighton Consulting, Inc.  
A LEIGHTON GROUP COMPANY

## TRANSMITTAL

To: Santa Monica-Malibu Unified School District  
c/o Massetti Consulting, LLC  
2828 4th Street  
Santa Monica, California 90405

Date: September 1, 2017

Project No. 11382.005

Attention: Mr. Kevin Klaus

Transmitted:

Golden State Overnight  
 Courier  
 Pick Up  
 E-Mail

The Following:

Draft Report  
 Final Report  
 Extra Report  
 Proposal  
 Other

For:

Your Use  
 As Requested

Subject: Results of Screening Level Soil Sampling, Former Building E Location,  
Santa Monica Malibu Unified School District, Malibu Middle and High  
School, 30215 Morning View Dr., Malibu, California 90265

LEIGHTON CONSULTING, INC.

By: Kevin Bryan

Distribution: (1) Addressee via email

RESULTS OF SCREENING LEVEL SOIL SAMPLING  
FORMER BUILDING E LOCATION  
SANTA MONICA MALIBU UNIFIED SCHOOL DISTRICT  
MALIBU MIDDLE AND HIGH SCHOOL  
30215 MORNING VIEW DR., MALIBU, CALIFORNIA  
90265

Prepared for:

**Santa Monica-Malibu Unified School District**

c/o Massetti Consulting, LLC  
2828 4<sup>th</sup> Street  
Santa Monica, California 90405

Project No. 11382.005

September 1, 2017



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c/o Massetti Consulting, LLC  
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Attention: Mr. Kevin Klaus

**Subject:** Results of Screening Level Soil Sampling, Former Building E Location, Santa Monica Malibu Unified School District, Malibu Middle and High School, 30215 Morning View Dr., Malibu, California 90265

### **Introduction**

Leighton Consulting, Inc. (Leighton) provides this report to the Santa Monica-Malibu Unified School District (the District or SMMUSD) summarizing analytical results for soil samples collected at the former location of Building E at the Malibu Middle and High School (the Site) located at 30215 Morning View Dr., Malibu, California 90265 (Figure 1). The approximate project boundary and soil sample locations is shown in Figure 2.

### **Background**

Numerous reports by others have documented the presence, and remediation/encapsulation of polychlorinated biphenyls (PCBs) in building materials in many of the school buildings at the Site constructed in the 1960's. In preparation of the sampling activities Leighton reviewed the information provided in the project Memorandum prepared by ENVIRON International Corporation (ENVIRON) dated September 23, 2014 entitled: "Final Summary of Soil, Soil Vapor, and Groundwater Sampling Results Malibu High School, 30125 Morning View Drive, Malibu California. The Environ Memorandum presents all validated, soil, soil vapor, and groundwater analytical data collected from Malibu Middle High School (MMHS). The samples were analyzed for a variety of compounds in accordance with the Department of Toxic Substances Control (DTSC) approved Preliminary Environmental Assessment (PEA) Work Plan. Based on the analytical results of the DTSC approved PEA which was

conducted prior to the demolition of Building E, ENVIRON concluded that “Based on the reviewed results, no significant issues of concern were identified in soil, soil vapor, and groundwater samples collected at MMHS.” The Memorandum further states that “96% of the soil samples (all but five samples) tested for PCBs were either non-detect or were present at concentrations less than applicable USEPA and or DTSC modified residential RSLs”.

During the soil sampling described herein, representative soil samples were collected from within the approximate footprint of the location of the former Building E in order to assess whether or not PCB’s were present to confirm post demolition conditions and to prepare for redevelopment.

### **Health & Safety Plan**

A Site-specific health and safety plan (HASP) was prepared for the field activities. The HASP addressed issues regarding chemical exposure, personal protective equipment (PPE), physical and biological hazards that might be expected at the Site, an emergency response plan, and route to the nearest hospital. Site personnel engaged in field activities were required to read and sign the HASP.

### **Sampling and Analysis Activities**

A total of fourteen (14) sample locations were selected by the Leighton project geologist. Sampling was conducted using a hand auger to collect samples from approximately 0.5, 2.5 and 5.0 feet below ground surface (bgs) for sample locations BE-1 through BE-8. Sample locations BE-9 through BE-14 encountered shallow bedrock materials and practical refusal at approximately 3.5 feet bgs and samples were obtained from 0.5 and 2.5 feet bgs at these locations. For sample locations BE-1 through BE-8 only the 0.5 and 2.5 feet bgs samples were initially analyzed for the presence of PCBs and the 5.0 feet bgs samples were placed on laboratory hold pending the results of the shallower samples. For samples BE-9 through BE-14 both the 0.2 and the 2.5 feet bgs sample depths were analyzed for the presence of PCBs.

Samples were stored in 8-ounce laboratory-supplied glass jars, appropriately labelled, placed in an iced cooler, and transported to Test America, Inc. in Costa Mesa, California under standard chain-of-custody protocol. Soil samples were analyzed for PCBs by EPA Method 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography.

### **Equipment Decontamination**

Any equipment that came into contact with potentially contaminated soil or water was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one time use was not decontaminated, but was packaged for appropriate disposal. Decontamination occurred prior to and after each use of a reusable piece of equipment. The sampling devices used (e.g., hand auger) were decontaminated using the following procedures:

- Non-phosphate detergent and tap water scrub, using a brush if necessary;
- Tap water rinse; and
- Final deionized/distilled water rinse.

The soil borings were backfilled with hydrated bentonite clay followed by native material as applicable.

### **Sample Custody**

An entry was made on a chain-of-custody form supplied by the laboratory for each sample that was submitted to the laboratory for analysis. The information recorded included the sampling date and time, sample identification number, matrix type, requested analyses and methods, preservatives, and the sampler's name. Sampling team members maintained custody of the samples until they were relinquished to laboratory personnel or professional courier service. The cooler was appropriately sealed before it was relinquished to laboratory personnel. The chain-of-custody form accompanied the samples from the time of collection until received by the laboratory. Each party in possession of the samples signed the chain-of-custody form signifying receipt.

Collected soil samples were transported using standard chain-of-custody protocol to Test America Laboratories in Costa Mesa, California, an analytical testing laboratory accredited by the California Department of Public Health (CDPH). Upon receipt, the laboratory inspected the condition of the sample containers and reported the information on chain-of-custody or similar form.

A copy of the original completed chain-of-custody form was provided by the laboratory along with the report of results. Appendix A contains a copy of the laboratory analytical report.

## **Investigation Derived Waste Management**

In the process of collecting the soil samples for laboratory analysis, different types of potentially contaminated Investigation Derived Waste (IDW) were generated that included used PPE, disposable sampling equipment, excess soil cuttings, and decontamination fluids.

Listed below are the procedures that were followed for handling the IDW:

- Used PPE and disposable equipment were double bagged and placed in a municipal refuse dumpster. These wastes are not considered hazardous and could be sent to a municipal landfill.
- Remaining soil cuttings (not used as backfill) and decontamination wastewater were placed in a US Department of Transportation (DOT)-approved 55-gallon drum. The drum was labeled and sealed, pending receipt of analytical results, waste profiling and off-Site disposal.

A single 55-gallon drum containing IDW was generated during the sampling. This drum contained excess soil cuttings from the hand-auger borings and very limited liquid from the decontamination activities. The drum is currently being stored at the site pending additional sampling from buildings A, B, & C. At the completion of sampling activities, a grab sample(s) will be collected directly from the drum(s) containing IDW. IDW samples will be analyzed for the following compounds for waste profiling, manifesting and offsite disposal:

- California Code of Regulations (CCR) Title 22 Code of Administrative Manual (CAM) 17 metals (CAM 17 metals) by EPA Method 6010B/7471A,
- Organochlorine Pesticides (OCPs) by EPA Method 8081A, and
- Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and Oil Range Organics (ORO) by EPA Method 8015B.

## **Analytical Results**

Laboratory results for all soil samples collected from the footprint of the former Building E at the Malibu Middle and High School Site indicated PCBs were not detected at concentrations above the method detection limits.

If you have questions and/or comments regarding this report, please contact the undersigned at our Irvine office at (949) 250-1421.

Respectfully submitted,

LEIGHTON CONSULTING, INC.



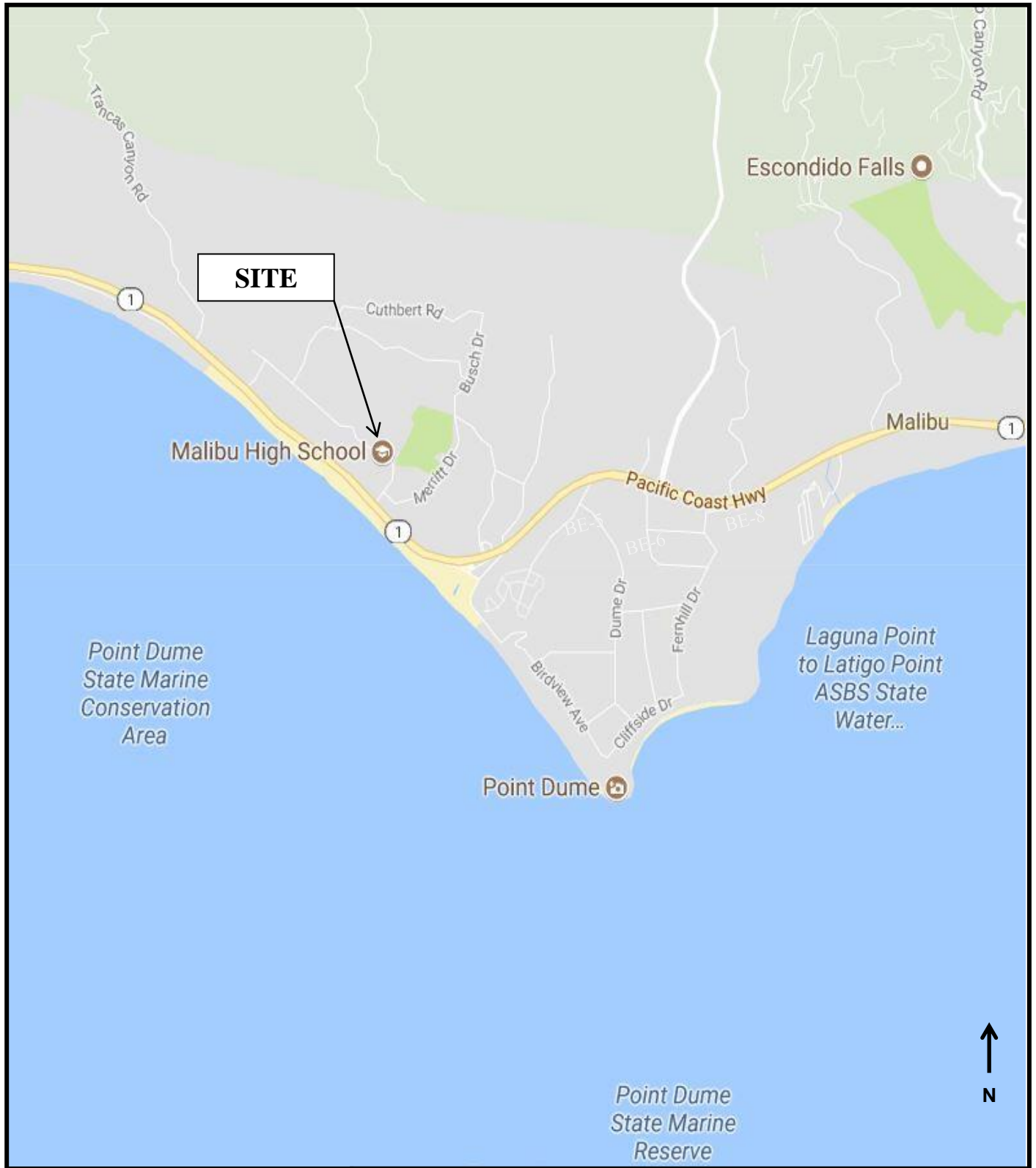
A handwritten signature in black ink that reads "K. Bryan".

Kevin Bryan, PG: CEG, 2182, QSD/QSP  
Sr. Principal Environmental Geologist

kab/gv

Attachments: Figure 1 – Site Location Map  
Figure 2 – Soil Boring Location Map  
Attachment A – Laboratory Analytical Report

Distribution: (1) Addressee via email

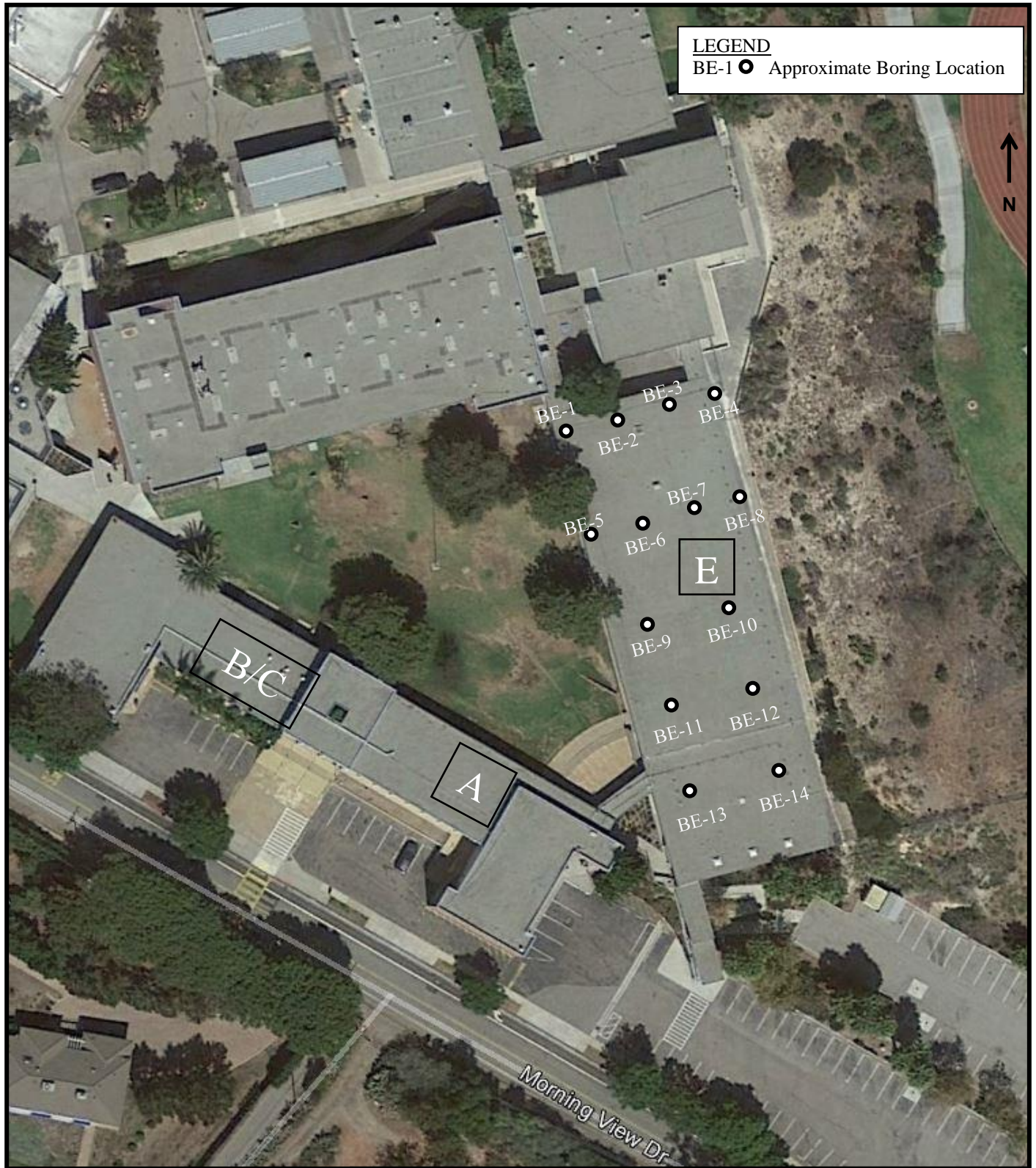


Proj. No.: 11382.005	Eng/Geol: KAB
Not to Scale	Date: Sept. 1, 2017
Base Map: Google Earth Author: KAB	

**SOIL LOCATION MAP**  
**Malibu High School**  
**30215 Morning View Dr., Malibu,**  
**California 90265**







**LEGEND**  
 BE-1 ● Approximate Boring Location



Proj. No.: 11382.005	Eng/Geol: KAB
Not to Scale	Date: Sept. 1, 2017
Base Map: Google Earth Author: KAB	

**SOIL BORING LOCATION MAP**  
**Malibu High School**  
**30215 Morning View Dr., Malibu,**  
**California 90265**



ATTACHMENT A  
Laboratory Analytical Report

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-190515-1

Client Project/Site: Malibu USD

For:

Leighton Consulting Inc

17781 Cowan

Suite 200

Irvine, California 92614

Attn: Kevin Bryan



Authorized for release by:

8/22/2017 3:58:36 PM

Danielle Roberts, Senior Project Manager

(949)261-1022

[danielle.roberts@testamericainc.com](mailto:danielle.roberts@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-190515-1	BE-1-0.5	Solid	08/17/17 08:50	08/17/17 17:33
440-190515-2	BE-1-2.5	Solid	08/17/17 08:54	08/17/17 17:33
440-190515-4	BE-5-0.5	Solid	08/17/17 08:50	08/17/17 17:33
440-190515-5	BE-5-2.5	Solid	08/17/17 09:15	08/17/17 17:33
440-190515-7	BE-2-0.5	Solid	08/17/17 09:22	08/17/17 17:33
440-190515-8	BE-2-2.5	Solid	08/17/17 09:23	08/17/17 17:33
440-190515-10	BE-3-0.5	Solid	08/17/17 09:57	08/17/17 17:33
440-190515-11	BE-3-2.5	Solid	08/17/17 10:09	08/17/17 17:33
440-190515-12	BE-3-5.0	Solid	08/17/17 10:23	08/17/17 17:33
440-190515-13	BE-8-0.5	Solid	08/17/17 09:59	08/17/17 17:33
440-190515-14	BE-8-2.5	Solid	08/17/17 10:47	08/17/17 17:33
440-190515-15	BE-4-0.5	Solid	08/17/17 11:06	08/17/17 17:33
440-190515-16	BE-4D-0.5	Solid	08/17/17 11:08	08/17/17 17:33
440-190515-17	BE-4-2.5	Solid	08/17/17 11:22	08/17/17 17:33
440-190515-18	BE-4D-2.5	Solid	08/17/17 11:24	08/17/17 17:33
440-190515-19	BE-6-0.5	Solid	08/17/17 11:19	08/17/17 17:33
440-190515-20	BE-6-2.5	Solid	08/17/17 11:45	08/17/17 17:33
440-190515-21	BE-7-0.5	Solid	08/17/17 11:55	08/17/17 17:33
440-190515-22	BE-7-2.5	Solid	08/17/17 12:02	08/17/17 17:33
440-190515-23	BE-9-0.5	Solid	08/17/17 12:21	08/17/17 17:33
440-190515-24	BE-9-2.5	Solid	08/17/17 12:40	08/17/17 17:33
440-190515-25	BE-10-0.5	Solid	08/17/17 12:32	08/17/17 17:33
440-190515-26	BE-10-2.5	Solid	08/17/17 13:00	08/17/17 17:33
440-190515-27	BE-11-0.5	Solid	08/17/17 13:08	08/17/17 17:33
440-190515-28	BE-11-2.5	Solid	08/17/17 13:16	08/17/17 17:33
440-190515-29	BE-13-0.5	Solid	08/17/17 13:16	08/17/17 17:33
440-190515-30	BE-13-2.5	Solid	08/17/17 13:41	08/17/17 17:33
440-190515-31	BE-12-0.5	Solid	08/17/17 13:48	08/17/17 17:33
440-190515-32	BE-12-2.5	Solid	08/17/17 13:55	08/17/17 17:33
440-190515-33	BE-14-0.5	Solid	08/17/17 14:00	08/17/17 17:33
440-190515-34	BE-14-2.5	Solid	08/17/17 14:08	08/17/17 17:33
440-190515-35	EB1S	Water	08/17/17 14:17	08/17/17 17:33
440-190515-36	EB2B	Water	08/17/17 14:20	08/17/17 17:33

# Case Narrative

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Job ID: 440-190515-1**

**Laboratory: TestAmerica Irvine**

## Narrative

### Job Narrative 440-190515-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 8/17/2017 5:33 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 16.8° C.

#### Receipt Exceptions

The following samples was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): EB1S (440-190515-35) and EB2B (440-190515-36).

The following samples was received at the laboratory outside the required temperature criteria: BE-1-0.5 (440-190515-1), BE-1-2.5 (440-190515-2), BE-1-5.0 (440-190515-3), BE-5-0.5 (440-190515-4), BE-5-2.5 (440-190515-5), BE-5-5.0 (440-190515-6), BE-2-0.5 (440-190515-7), BE-2-2.5 (440-190515-8), BE-2-5.0 (440-190515-9), BE-3-0.5 (440-190515-10), BE-3-2.5 (440-190515-11), BE-3-5.0 (440-190515-12), BE-8-0.5 (440-190515-13), BE-8-2.5 (440-190515-14), BE-4-0.5 (440-190515-15), BE-4D-0.5 (440-190515-16), BE-4-2.5 (440-190515-17), BE-4D-2.5 (440-190515-18), BE-6-0.5 (440-190515-19), BE-6-2.5 (440-190515-20), BE-7-0.5 (440-190515-21), BE-7-2.5 (440-190515-22), BE-9-0.5 (440-190515-23), BE-9-2.5 (440-190515-24), BE-10-0.5 (440-190515-25), BE-10-2.5 (440-190515-26), BE-11-0.5 (440-190515-27), BE-112.5 (440-190515-28), BE-13-.05 (440-190515-29), BE-13-2.5 (440-190515-30), BE-12-0.5 (440-190515-31), BE-12-2.5 (440-190515-32), BE-14-0.5 (440-190515-33), BE-14-2.5 (440-190515-34), EB1S (440-190515-35) and EB2B (440-190515-36). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun. Samples were received at 16.5/16.5 deg C on ice.

#### GC Semi VOA

Method(s) 8082: Surrogate recovery for the following samples was outside control limits: BE-2-2.5 (440-190515-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8082, 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-424443 and analytical batch 440-424450. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch: (LCS 440-424443/4-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method(s) 3546: The following samples was diluted due to the nature of the sample matrix: Dark moist BE-5-0.5 (440-190515-4), BE-5-2.5 (440-190515-5) and BE-6-2.5 (440-190515-20). Elevated reporting limits (RLs) are provided.8082

Method(s) 3546: The following samples was diluted due to the nature of the sample matrix: Clay samples BE-9-2.5 (440-190515-24), BE-10-2.5 (440-190515-26), BE-11-0.5 (440-190515-27), BE-112.5 (440-190515-28), BE-13-.05 (440-190515-29) and BE-13-2.5 (440-190515-30). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-1-0.5**

**Lab Sample ID: 440-190515-1**

No Detections.

**Client Sample ID: BE-1-2.5**

**Lab Sample ID: 440-190515-2**

No Detections.

**Client Sample ID: BE-5-0.5**

**Lab Sample ID: 440-190515-4**

No Detections.

**Client Sample ID: BE-5-2.5**

**Lab Sample ID: 440-190515-5**

No Detections.

**Client Sample ID: BE-2-0.5**

**Lab Sample ID: 440-190515-7**

No Detections.

**Client Sample ID: BE-2-2.5**

**Lab Sample ID: 440-190515-8**

No Detections.

**Client Sample ID: BE-3-0.5**

**Lab Sample ID: 440-190515-10**

No Detections.

**Client Sample ID: BE-3-2.5**

**Lab Sample ID: 440-190515-11**

No Detections.

**Client Sample ID: BE-3-5.0**

**Lab Sample ID: 440-190515-12**

No Detections.

**Client Sample ID: BE-8-0.5**

**Lab Sample ID: 440-190515-13**

No Detections.

**Client Sample ID: BE-8-2.5**

**Lab Sample ID: 440-190515-14**

No Detections.

**Client Sample ID: BE-4-0.5**

**Lab Sample ID: 440-190515-15**

No Detections.

**Client Sample ID: BE-4D-0.5**

**Lab Sample ID: 440-190515-16**

No Detections.

**Client Sample ID: BE-4-2.5**

**Lab Sample ID: 440-190515-17**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

# Detection Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-4D-2.5**

**Lab Sample ID: 440-190515-18**

No Detections.

**Client Sample ID: BE-6-0.5**

**Lab Sample ID: 440-190515-19**

No Detections.

**Client Sample ID: BE-6-2.5**

**Lab Sample ID: 440-190515-20**

No Detections.

**Client Sample ID: BE-7-0.5**

**Lab Sample ID: 440-190515-21**

No Detections.

**Client Sample ID: BE-7-2.5**

**Lab Sample ID: 440-190515-22**

No Detections.

**Client Sample ID: BE-9-0.5**

**Lab Sample ID: 440-190515-23**

No Detections.

**Client Sample ID: BE-9-2.5**

**Lab Sample ID: 440-190515-24**

No Detections.

**Client Sample ID: BE-10-0.5**

**Lab Sample ID: 440-190515-25**

No Detections.

**Client Sample ID: BE-10-2.5**

**Lab Sample ID: 440-190515-26**

No Detections.

**Client Sample ID: BE-11-0.5**

**Lab Sample ID: 440-190515-27**

No Detections.

**Client Sample ID: BE-11-2.5**

**Lab Sample ID: 440-190515-28**

No Detections.

**Client Sample ID: BE-13-.05**

**Lab Sample ID: 440-190515-29**

No Detections.

**Client Sample ID: BE-13-2.5**

**Lab Sample ID: 440-190515-30**

No Detections.

**Client Sample ID: BE-12-0.5**

**Lab Sample ID: 440-190515-31**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine





# Detection Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-12-2.5**

**Lab Sample ID: 440-190515-32**

No Detections.

**Client Sample ID: BE-14-0.5**

**Lab Sample ID: 440-190515-33**

No Detections.

**Client Sample ID: BE-14-2.5**

**Lab Sample ID: 440-190515-34**

No Detections.

**Client Sample ID: EB1S**

**Lab Sample ID: 440-190515-35**

No Detections.

**Client Sample ID: EB2B**

**Lab Sample ID: 440-190515-36**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

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# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-1-0.5**

**Date Collected: 08/17/17 08:50**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-1**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	33	X	45 - 120	08/17/17 21:03	08/18/17 15:29	1

**Client Sample ID: BE-1-2.5**

**Date Collected: 08/17/17 08:54**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-2**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	49		45 - 120	08/17/17 21:03	08/18/17 15:44	1

**Client Sample ID: BE-5-0.5**

**Date Collected: 08/17/17 08:50**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-4**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1221	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1232	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1242	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1248	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1254	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1
Aroclor 1260	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	59		45 - 120	08/17/17 21:03	08/18/17 16:14	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-5-2.5**

**Date Collected: 08/17/17 09:15**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-5**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1221	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1232	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1242	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1248	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1254	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1
Aroclor 1260	ND		110	36	ug/Kg		08/17/17 21:03	08/18/17 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	64		45 - 120	08/17/17 21:03	08/18/17 16:29	1

**Client Sample ID: BE-2-0.5**

**Date Collected: 08/17/17 09:22**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-7**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1221	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1232	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1242	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1248	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1254	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1
Aroclor 1260	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		45 - 120	08/17/17 21:03	08/18/17 16:59	1

**Client Sample ID: BE-2-2.5**

**Date Collected: 08/17/17 09:23**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-8**

**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1221	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1232	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1242	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1248	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1254	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1
Aroclor 1260	ND		50	17	ug/Kg		08/17/17 21:03	08/21/17 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	30	X	45 - 120	08/17/17 21:03	08/21/17 16:03	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-3-0.5**

**Lab Sample ID: 440-190515-10**

**Date Collected: 08/17/17 09:57**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	55		45 - 120	08/17/17 21:03	08/18/17 18:15	1

**Client Sample ID: BE-3-2.5**

**Lab Sample ID: 440-190515-11**

**Date Collected: 08/17/17 10:09**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	08/17/17 21:03	08/18/17 18:30	1

**Client Sample ID: BE-3-5.0**

**Lab Sample ID: 440-190515-12**

**Date Collected: 08/17/17 10:23**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1221	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1232	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1242	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1248	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1254	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1
Aroclor 1260	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	81		45 - 120	08/21/17 07:23	08/21/17 13:20	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-8-0.5**

**Lab Sample ID: 440-190515-13**

**Date Collected: 08/17/17 09:59**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	49		45 - 120	08/17/17 21:03	08/18/17 19:00	1

**Client Sample ID: BE-8-2.5**

**Lab Sample ID: 440-190515-14**

**Date Collected: 08/17/17 10:47**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	08/17/17 21:03	08/18/17 19:15	1

**Client Sample ID: BE-4-0.5**

**Lab Sample ID: 440-190515-15**

**Date Collected: 08/17/17 11:06**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	57		45 - 120	08/17/17 21:03	08/18/17 19:30	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-4D-0.5**

**Lab Sample ID: 440-190515-16**

**Date Collected: 08/17/17 11:08**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	55		45 - 120	08/17/17 21:03	08/18/17 19:45	1

**Client Sample ID: BE-4-2.5**

**Lab Sample ID: 440-190515-17**

**Date Collected: 08/17/17 11:22**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1221	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1232	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1242	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1248	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1254	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1
Aroclor 1260	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		45 - 120	08/17/17 21:03	08/18/17 19:59	1

**Client Sample ID: BE-4D-2.5**

**Lab Sample ID: 440-190515-18**

**Date Collected: 08/17/17 11:24**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1221	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1232	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1242	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1248	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1254	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1
Aroclor 1260	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	53		45 - 120	08/17/17 21:03	08/18/17 20:14	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-6-0.5**

**Lab Sample ID: 440-190515-19**

**Date Collected: 08/17/17 11:19**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1221	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1232	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1242	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1248	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1254	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1
Aroclor 1260	ND		49	17	ug/Kg		08/17/17 21:03	08/18/17 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	08/17/17 21:03	08/18/17 20:29	1

**Client Sample ID: BE-6-2.5**

**Lab Sample ID: 440-190515-20**

**Date Collected: 08/17/17 11:45**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1221	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1232	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1242	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1248	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1254	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1
Aroclor 1260	ND		100	35	ug/Kg		08/17/17 21:03	08/18/17 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	51		45 - 120	08/17/17 21:03	08/18/17 20:44	1

**Client Sample ID: BE-7-0.5**

**Lab Sample ID: 440-190515-21**

**Date Collected: 08/17/17 11:55**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71		45 - 120	08/18/17 06:53	08/19/17 20:07	1

TestAmerica Irvine



# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-7-2.5**

**Lab Sample ID: 440-190515-22**

**Date Collected: 08/17/17 12:02**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	81		45 - 120	08/18/17 06:53	08/19/17 20:20	1

**Client Sample ID: BE-9-0.5**

**Lab Sample ID: 440-190515-23**

**Date Collected: 08/17/17 12:21**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	60		45 - 120	08/18/17 06:53	08/19/17 20:33	1

**Client Sample ID: BE-9-2.5**

**Lab Sample ID: 440-190515-24**

**Date Collected: 08/17/17 12:40**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1221	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1232	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1242	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1248	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1254	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1
Aroclor 1260	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	67		45 - 120	08/18/17 06:53	08/19/17 20:47	1

TestAmerica Irvine



# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-10-0.5**

**Lab Sample ID: 440-190515-25**

**Date Collected: 08/17/17 12:32**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	08/18/17 06:53	08/19/17 21:00	1

**Client Sample ID: BE-10-2.5**

**Lab Sample ID: 440-190515-26**

**Date Collected: 08/17/17 13:00**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1221	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1232	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1242	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1248	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1254	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1
Aroclor 1260	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		45 - 120	08/18/17 06:53	08/19/17 21:13	1

**Client Sample ID: BE-11-0.5**

**Lab Sample ID: 440-190515-27**

**Date Collected: 08/17/17 13:08**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1221	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1232	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1242	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1248	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1254	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1
Aroclor 1260	ND		99	34	ug/Kg		08/18/17 06:53	08/19/17 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71		45 - 120	08/18/17 06:53	08/19/17 21:27	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-11-2.5**

**Lab Sample ID: 440-190515-28**

**Date Collected: 08/17/17 13:16**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1221	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1232	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1242	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1248	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1254	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1
Aroclor 1260	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	84		45 - 120	08/18/17 06:53	08/19/17 21:40	1

**Client Sample ID: BE-13-.05**

**Lab Sample ID: 440-190515-29**

**Date Collected: 08/17/17 13:16**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1221	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1232	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1242	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1248	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1254	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1
Aroclor 1260	ND		100	34	ug/Kg		08/18/17 06:53	08/19/17 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		45 - 120	08/18/17 06:53	08/19/17 21:53	1

**Client Sample ID: BE-13-2.5**

**Lab Sample ID: 440-190515-30**

**Date Collected: 08/17/17 13:41**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1221	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1232	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1242	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1248	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1254	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1
Aroclor 1260	ND		98	33	ug/Kg		08/18/17 06:53	08/19/17 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		45 - 120	08/18/17 06:53	08/19/17 22:07	1

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-12-0.5**

**Lab Sample ID: 440-190515-31**

**Date Collected: 08/17/17 13:48**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		45 - 120	08/18/17 06:53	08/19/17 22:20	1

**Client Sample ID: BE-12-2.5**

**Lab Sample ID: 440-190515-32**

**Date Collected: 08/17/17 13:55**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	53		45 - 120	08/18/17 06:53	08/19/17 22:33	1

**Client Sample ID: BE-14-0.5**

**Lab Sample ID: 440-190515-33**

**Date Collected: 08/17/17 14:00**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	08/18/17 06:53	08/19/17 22:47	1

TestAmerica Irvine

# Client Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-14-2.5**

**Lab Sample ID: 440-190515-34**

**Date Collected: 08/17/17 14:08**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		45 - 120	08/18/17 06:53	08/19/17 23:00	1

**Client Sample ID: EB1S**

**Lab Sample ID: 440-190515-35**

**Date Collected: 08/17/17 14:17**

**Matrix: Water**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1221	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1232	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1242	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1248	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1254	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1
Aroclor 1260	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		29 - 115	08/21/17 08:15	08/21/17 14:43	1

**Client Sample ID: EB2B**

**Lab Sample ID: 440-190515-36**

**Date Collected: 08/17/17 14:20**

**Matrix: Water**

**Date Received: 08/17/17 17:33**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1221	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1232	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1242	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1248	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1254	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1
Aroclor 1260	ND		0.95	0.24	ug/L		08/21/17 08:15	08/21/17 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		29 - 115	08/21/17 08:15	08/21/17 14:56	1

TestAmerica Irvine

# Surrogate Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (45-120)
440-190515-1	BE-1-0.5	33 X
440-190515-1 MS	BE-1-0.5	55
440-190515-1 MSD	BE-1-0.5	59
440-190515-2	BE-1-2.5	49
440-190515-4	BE-5-0.5	59
440-190515-5	BE-5-2.5	64
440-190515-7	BE-2-0.5	62
440-190515-8	BE-2-2.5	30 X
440-190515-10	BE-3-0.5	55
440-190515-11	BE-3-2.5	48
440-190515-12	BE-3-5.0	81
440-190515-12 MS	BE-3-5.0	69
440-190515-12 MSD	BE-3-5.0	62
440-190515-13	BE-8-0.5	49
440-190515-14	BE-8-2.5	65
440-190515-15	BE-4-0.5	57
440-190515-16	BE-4D-0.5	55
440-190515-17	BE-4-2.5	56
440-190515-18	BE-4D-2.5	53
440-190515-19	BE-6-0.5	65
440-190515-20	BE-6-2.5	51
440-190515-21	BE-7-0.5	71
440-190515-21 MS	BE-7-0.5	82
440-190515-21 MSD	BE-7-0.5	83
440-190515-22	BE-7-2.5	81
440-190515-23	BE-9-0.5	60
440-190515-24	BE-9-2.5	67
440-190515-25	BE-10-0.5	65
440-190515-26	BE-10-2.5	85
440-190515-27	BE-11-0.5	71
440-190515-28	BE-11-2.5	84
440-190515-29	BE-13-.05	77
440-190515-30	BE-13-2.5	82
440-190515-31	BE-12-0.5	56
440-190515-32	BE-12-2.5	53
440-190515-33	BE-14-0.5	65
440-190515-34	BE-14-2.5	66
LCS 440-424075/2-A	Lab Control Sample	62
LCS 440-424133/2-A	Lab Control Sample	98
LCS 440-424423/2-A	Lab Control Sample	98
MB 440-424075/1-A	Method Blank	62
MB 440-424133/1-A	Method Blank	99
MB 440-424423/1-A	Method Blank	95

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

# Surrogate Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (29-115)
440-190515-35	EB1S	56
440-190515-36	EB2B	62
LCS 440-424443/4-A	Lab Control Sample	64
LCSD 440-424443/5-A	Lab Control Sample Dup	69
MB 440-424443/1-A	Method Blank	63

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

# Method Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

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Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV

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**Protocol References:**

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

**Laboratory References:**

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-1-0.5**  
**Date Collected: 08/17/17 08:50**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-1**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.23 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 15:29	JM	TAL IRV

**Client Sample ID: BE-1-2.5**  
**Date Collected: 08/17/17 08:54**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-2**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.40 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 15:44	JM	TAL IRV

**Client Sample ID: BE-5-0.5**  
**Date Collected: 08/17/17 08:50**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-4**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.06 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 16:14	JM	TAL IRV

**Client Sample ID: BE-5-2.5**  
**Date Collected: 08/17/17 09:15**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-5**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.11 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 16:29	JM	TAL IRV

**Client Sample ID: BE-2-0.5**  
**Date Collected: 08/17/17 09:22**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-7**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.06 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 16:59	JM	TAL IRV

**Client Sample ID: BE-2-2.5**  
**Date Collected: 08/17/17 09:23**  
**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-8**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.13 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424450	08/21/17 16:03	JM	TAL IRV

TestAmerica Irvine



# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-3-0.5**

**Date Collected: 08/17/17 09:57**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-10**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.32 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 18:15	JM	TAL IRV

**Client Sample ID: BE-3-2.5**

**Date Collected: 08/17/17 10:09**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-11**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.21 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 18:30	JM	TAL IRV

**Client Sample ID: BE-3-5.0**

**Date Collected: 08/17/17 10:23**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-12**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.04 g	2 mL	424423	08/21/17 07:23	VA	TAL IRV
Total/NA	Analysis	8082		1			424450	08/21/17 13:20	JM	TAL IRV

**Client Sample ID: BE-8-0.5**

**Date Collected: 08/17/17 09:59**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-13**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.43 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 19:00	JM	TAL IRV

**Client Sample ID: BE-8-2.5**

**Date Collected: 08/17/17 10:47**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-14**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.20 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 19:15	JM	TAL IRV

**Client Sample ID: BE-4-0.5**

**Date Collected: 08/17/17 11:06**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-15**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.41 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 19:30	JM	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-4D-0.5**

**Lab Sample ID: 440-190515-16**

Date Collected: 08/17/17 11:08

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.25 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 19:45	JM	TAL IRV

**Client Sample ID: BE-4-2.5**

**Lab Sample ID: 440-190515-17**

Date Collected: 08/17/17 11:22

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.15 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 19:59	JM	TAL IRV

**Client Sample ID: BE-4D-2.5**

**Lab Sample ID: 440-190515-18**

Date Collected: 08/17/17 11:24

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 20:14	JM	TAL IRV

**Client Sample ID: BE-6-0.5**

**Lab Sample ID: 440-190515-19**

Date Collected: 08/17/17 11:19

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.36 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 20:29	JM	TAL IRV

**Client Sample ID: BE-6-2.5**

**Lab Sample ID: 440-190515-20**

Date Collected: 08/17/17 11:45

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.37 g	2 mL	424075	08/17/17 21:03	VA	TAL IRV
Total/NA	Analysis	8082		1			424155	08/18/17 20:44	JM	TAL IRV

**Client Sample ID: BE-7-0.5**

**Lab Sample ID: 440-190515-21**

Date Collected: 08/17/17 11:55

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.05 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 20:07	JM	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-7-2.5**

**Date Collected: 08/17/17 12:02**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-22**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 20:20	JM	TAL IRV

**Client Sample ID: BE-9-0.5**

**Date Collected: 08/17/17 12:21**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-23**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 20:33	JM	TAL IRV

**Client Sample ID: BE-9-2.5**

**Date Collected: 08/17/17 12:40**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-24**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.54 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 20:47	JM	TAL IRV

**Client Sample ID: BE-10-0.5**

**Date Collected: 08/17/17 12:32**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-25**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 21:00	JM	TAL IRV

**Client Sample ID: BE-10-2.5**

**Date Collected: 08/17/17 13:00**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-26**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.52 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 21:13	JM	TAL IRV

**Client Sample ID: BE-11-0.5**

**Date Collected: 08/17/17 13:08**

**Date Received: 08/17/17 17:33**

**Lab Sample ID: 440-190515-27**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.60 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 21:27	JM	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-11-2.5**

**Lab Sample ID: 440-190515-28**

Date Collected: 08/17/17 13:16

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.65 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 21:40	JM	TAL IRV

**Client Sample ID: BE-13-.05**

**Lab Sample ID: 440-190515-29**

Date Collected: 08/17/17 13:16

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.53 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 21:53	JM	TAL IRV

**Client Sample ID: BE-13-2.5**

**Lab Sample ID: 440-190515-30**

Date Collected: 08/17/17 13:41

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.62 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 22:07	JM	TAL IRV

**Client Sample ID: BE-12-0.5**

**Lab Sample ID: 440-190515-31**

Date Collected: 08/17/17 13:48

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 22:20	JM	TAL IRV

**Client Sample ID: BE-12-2.5**

**Lab Sample ID: 440-190515-32**

Date Collected: 08/17/17 13:55

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 22:33	JM	TAL IRV

**Client Sample ID: BE-14-0.5**

**Lab Sample ID: 440-190515-33**

Date Collected: 08/17/17 14:00

Matrix: Solid

Date Received: 08/17/17 17:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 22:47	JM	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

**Client Sample ID: BE-14-2.5**

**Lab Sample ID: 440-190515-34**

**Date Collected: 08/17/17 14:08**

**Matrix: Solid**

**Date Received: 08/17/17 17:33**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.04 g	2 mL	424133	08/18/17 06:53	SMF	TAL IRV
Total/NA	Analysis	8082		1			424329	08/19/17 23:00	JM	TAL IRV

**Client Sample ID: EB1S**

**Lab Sample ID: 440-190515-35**

**Date Collected: 08/17/17 14:17**

**Matrix: Water**

**Date Received: 08/17/17 17:33**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1050 mL	2 mL	424443	08/21/17 08:15	L2A	TAL IRV
Total/NA	Analysis	8082		1			424450	08/21/17 14:43	JM	TAL IRV

**Client Sample ID: EB2B**

**Lab Sample ID: 440-190515-36**

**Date Collected: 08/17/17 14:20**

**Matrix: Water**

**Date Received: 08/17/17 17:33**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1050 mL	2 mL	424443	08/21/17 08:15	L2A	TAL IRV
Total/NA	Analysis	8082		1			424450	08/21/17 14:56	JM	TAL IRV

**Laboratory References:**

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 440-424075/1-A**  
**Matrix: Solid**  
**Analysis Batch: 424155**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 424075**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1221	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1232	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1242	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1248	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1254	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1
Aroclor 1260	ND		50	17	ug/Kg		08/17/17 21:03	08/18/17 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		45 - 120	08/17/17 21:03	08/18/17 14:30	1

**Lab Sample ID: LCS 440-424075/2-A**  
**Matrix: Solid**  
**Analysis Batch: 424155**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 424075**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	267	190		ug/Kg		71	65 - 115
Aroclor 1260	267	188		ug/Kg		70	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	62		45 - 120

**Lab Sample ID: 440-190515-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 424155**

**Client Sample ID: BE-1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 424075**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	ND		265	167		ug/Kg		63	50 - 120
Aroclor 1260	ND		265	165		ug/Kg		62	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	55		45 - 120

**Lab Sample ID: 440-190515-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 424155**

**Client Sample ID: BE-1-0.5**  
**Prep Type: Total/NA**  
**Prep Batch: 424075**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	ND		265	172		ug/Kg		65	50 - 120	3	30
Aroclor 1260	ND		265	173		ug/Kg		65	50 - 125	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	59		45 - 120

# QC Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 440-424133/1-A**

**Matrix: Solid**

**Analysis Batch: 424329**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 424133**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1221	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1232	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1242	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1248	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1254	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1
Aroclor 1260	ND		50	17	ug/Kg		08/18/17 06:53	08/19/17 19:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	99		45 - 120	08/18/17 06:53	08/19/17 19:13	1

**Lab Sample ID: LCS 440-424133/2-A**

**Matrix: Solid**

**Analysis Batch: 424329**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 424133**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	266	258		ug/Kg		97	65 - 115
Aroclor 1260	266	261		ug/Kg		98	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		45 - 120

**Lab Sample ID: 440-190515-21 MS**

**Matrix: Solid**

**Analysis Batch: 424329**

**Client Sample ID: BE-7-0.5**

**Prep Type: Total/NA**

**Prep Batch: 424133**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	ND		266	228		ug/Kg		86	50 - 120
Aroclor 1260	ND		266	224		ug/Kg		84	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	82		45 - 120

**Lab Sample ID: 440-190515-21 MSD**

**Matrix: Solid**

**Analysis Batch: 424329**

**Client Sample ID: BE-7-0.5**

**Prep Type: Total/NA**

**Prep Batch: 424133**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	ND		266	230		ug/Kg		87	50 - 120	1	30
Aroclor 1260	ND		266	226		ug/Kg		85	50 - 125	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	83		45 - 120

TestAmerica Irvine

# QC Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 440-424423/1-A**  
**Matrix: Solid**  
**Analysis Batch: 424450**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 424423**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1221	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1232	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1242	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1248	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1254	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1
Aroclor 1260	ND		50	17	ug/Kg		08/21/17 07:23	08/21/17 12:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		45 - 120	08/21/17 07:23	08/21/17 12:27	1

**Lab Sample ID: LCS 440-424423/2-A**  
**Matrix: Solid**  
**Analysis Batch: 424450**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 424423**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	266	242		ug/Kg		91	65 - 115
Aroclor 1260	266	248		ug/Kg		93	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		45 - 120

**Lab Sample ID: 440-190515-12 MS**  
**Matrix: Solid**  
**Analysis Batch: 424450**

**Client Sample ID: BE-3-5.0**  
**Prep Type: Total/NA**  
**Prep Batch: 424423**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	ND		265	203		ug/Kg		76	50 - 120
Aroclor 1260	ND		265	195		ug/Kg		73	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	69		45 - 120

**Lab Sample ID: 440-190515-12 MSD**  
**Matrix: Solid**  
**Analysis Batch: 424450**

**Client Sample ID: BE-3-5.0**  
**Prep Type: Total/NA**  
**Prep Batch: 424423**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	ND		266	188		ug/Kg		71	50 - 120	8	30
Aroclor 1260	ND		266	175		ug/Kg		66	50 - 125	11	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	62		45 - 120

TestAmerica Irvine



# QC Sample Results

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 440-424443/1-A**  
**Matrix: Water**  
**Analysis Batch: 424450**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 424443**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1221	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1232	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1242	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1248	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1254	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1
Aroclor 1260	ND		1.0	0.25	ug/L		08/21/17 08:15	08/21/17 13:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	63		29 - 115	08/21/17 08:15	08/21/17 13:36	1

**Lab Sample ID: LCS 440-424443/4-A**  
**Matrix: Water**  
**Analysis Batch: 424450**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 424443**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	4.00	2.74		ug/L		68	39 - 145
Aroclor 1260	4.00	2.79		ug/L		70	37 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	64		29 - 115

**Lab Sample ID: LCSD 440-424443/5-A**  
**Matrix: Water**  
**Analysis Batch: 424450**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 424443**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	4.00	2.98		ug/L		75	39 - 145	9	30
Aroclor 1260	4.00	3.00		ug/L		75	37 - 137	7	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	69		29 - 115

# QC Association Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## GC Semi VOA

### Prep Batch: 424075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-1	BE-1-0.5	Total/NA	Solid	3546	
440-190515-2	BE-1-2.5	Total/NA	Solid	3546	
440-190515-4	BE-5-0.5	Total/NA	Solid	3546	
440-190515-5	BE-5-2.5	Total/NA	Solid	3546	
440-190515-7	BE-2-0.5	Total/NA	Solid	3546	
440-190515-8	BE-2-2.5	Total/NA	Solid	3546	
440-190515-10	BE-3-0.5	Total/NA	Solid	3546	
440-190515-11	BE-3-2.5	Total/NA	Solid	3546	
440-190515-13	BE-8-0.5	Total/NA	Solid	3546	
440-190515-14	BE-8-2.5	Total/NA	Solid	3546	
440-190515-15	BE-4-0.5	Total/NA	Solid	3546	
440-190515-16	BE-4D-0.5	Total/NA	Solid	3546	
440-190515-17	BE-4-2.5	Total/NA	Solid	3546	
440-190515-18	BE-4D-2.5	Total/NA	Solid	3546	
440-190515-19	BE-6-0.5	Total/NA	Solid	3546	
440-190515-20	BE-6-2.5	Total/NA	Solid	3546	
MB 440-424075/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-424075/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-190515-1 MS	BE-1-0.5	Total/NA	Solid	3546	
440-190515-1 MSD	BE-1-0.5	Total/NA	Solid	3546	

### Prep Batch: 424133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-21	BE-7-0.5	Total/NA	Solid	3546	
440-190515-22	BE-7-2.5	Total/NA	Solid	3546	
440-190515-23	BE-9-0.5	Total/NA	Solid	3546	
440-190515-24	BE-9-2.5	Total/NA	Solid	3546	
440-190515-25	BE-10-0.5	Total/NA	Solid	3546	
440-190515-26	BE-10-2.5	Total/NA	Solid	3546	
440-190515-27	BE-11-0.5	Total/NA	Solid	3546	
440-190515-28	BE-11-2.5	Total/NA	Solid	3546	
440-190515-29	BE-13-0.5	Total/NA	Solid	3546	
440-190515-30	BE-13-2.5	Total/NA	Solid	3546	
440-190515-31	BE-12-0.5	Total/NA	Solid	3546	
440-190515-32	BE-12-2.5	Total/NA	Solid	3546	
440-190515-33	BE-14-0.5	Total/NA	Solid	3546	
440-190515-34	BE-14-2.5	Total/NA	Solid	3546	
MB 440-424133/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-424133/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-190515-21 MS	BE-7-0.5	Total/NA	Solid	3546	
440-190515-21 MSD	BE-7-0.5	Total/NA	Solid	3546	

### Analysis Batch: 424155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-1	BE-1-0.5	Total/NA	Solid	8082	424075
440-190515-2	BE-1-2.5	Total/NA	Solid	8082	424075
440-190515-4	BE-5-0.5	Total/NA	Solid	8082	424075
440-190515-5	BE-5-2.5	Total/NA	Solid	8082	424075
440-190515-7	BE-2-0.5	Total/NA	Solid	8082	424075
440-190515-10	BE-3-0.5	Total/NA	Solid	8082	424075
440-190515-11	BE-3-2.5	Total/NA	Solid	8082	424075

TestAmerica Irvine

# QC Association Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## GC Semi VOA (Continued)

### Analysis Batch: 424155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-13	BE-8-0.5	Total/NA	Solid	8082	424075
440-190515-14	BE-8-2.5	Total/NA	Solid	8082	424075
440-190515-15	BE-4-0.5	Total/NA	Solid	8082	424075
440-190515-16	BE-4D-0.5	Total/NA	Solid	8082	424075
440-190515-17	BE-4-2.5	Total/NA	Solid	8082	424075
440-190515-18	BE-4D-2.5	Total/NA	Solid	8082	424075
440-190515-19	BE-6-0.5	Total/NA	Solid	8082	424075
440-190515-20	BE-6-2.5	Total/NA	Solid	8082	424075
MB 440-424075/1-A	Method Blank	Total/NA	Solid	8082	424075
LCS 440-424075/2-A	Lab Control Sample	Total/NA	Solid	8082	424075
440-190515-1 MS	BE-1-0.5	Total/NA	Solid	8082	424075
440-190515-1 MSD	BE-1-0.5	Total/NA	Solid	8082	424075

### Analysis Batch: 424329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-21	BE-7-0.5	Total/NA	Solid	8082	424133
440-190515-22	BE-7-2.5	Total/NA	Solid	8082	424133
440-190515-23	BE-9-0.5	Total/NA	Solid	8082	424133
440-190515-24	BE-9-2.5	Total/NA	Solid	8082	424133
440-190515-25	BE-10-0.5	Total/NA	Solid	8082	424133
440-190515-26	BE-10-2.5	Total/NA	Solid	8082	424133
440-190515-27	BE-11-0.5	Total/NA	Solid	8082	424133
440-190515-28	BE-11-2.5	Total/NA	Solid	8082	424133
440-190515-29	BE-13-.05	Total/NA	Solid	8082	424133
440-190515-30	BE-13-2.5	Total/NA	Solid	8082	424133
440-190515-31	BE-12-0.5	Total/NA	Solid	8082	424133
440-190515-32	BE-12-2.5	Total/NA	Solid	8082	424133
440-190515-33	BE-14-0.5	Total/NA	Solid	8082	424133
440-190515-34	BE-14-2.5	Total/NA	Solid	8082	424133
MB 440-424133/1-A	Method Blank	Total/NA	Solid	8082	424133
LCS 440-424133/2-A	Lab Control Sample	Total/NA	Solid	8082	424133
440-190515-21 MS	BE-7-0.5	Total/NA	Solid	8082	424133
440-190515-21 MSD	BE-7-0.5	Total/NA	Solid	8082	424133

### Prep Batch: 424423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-12	BE-3-5.0	Total/NA	Solid	3546	
MB 440-424423/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-424423/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-190515-12 MS	BE-3-5.0	Total/NA	Solid	3546	
440-190515-12 MSD	BE-3-5.0	Total/NA	Solid	3546	

### Prep Batch: 424443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-35	EB1S	Total/NA	Water	3510C	
440-190515-36	EB2B	Total/NA	Water	3510C	
MB 440-424443/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-424443/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-424443/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

TestAmerica Irvine

# QC Association Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## GC Semi VOA (Continued)

### Analysis Batch: 424450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-190515-8	BE-2-2.5	Total/NA	Solid	8082	424075
440-190515-12	BE-3-5.0	Total/NA	Solid	8082	424423
440-190515-35	EB1S	Total/NA	Water	8082	424443
440-190515-36	EB2B	Total/NA	Water	8082	424443
MB 440-424423/1-A	Method Blank	Total/NA	Solid	8082	424423
MB 440-424443/1-A	Method Blank	Total/NA	Water	8082	424443
LCS 440-424423/2-A	Lab Control Sample	Total/NA	Solid	8082	424423
LCS 440-424443/4-A	Lab Control Sample	Total/NA	Water	8082	424443
LCSD 440-424443/5-A	Lab Control Sample Dup	Total/NA	Water	8082	424443
440-190515-12 MS	BE-3-5.0	Total/NA	Solid	8082	424423
440-190515-12 MSD	BE-3-5.0	Total/NA	Solid	8082	424423

# Definitions/Glossary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Accreditation/Certification Summary

Client: Leighton Consulting Inc  
Project/Site: Malibu USD

TestAmerica Job ID: 440-190515-1

## Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18 *
Arizona	State Program	9	AZ0671	10-14-17
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18
Hawaii	State Program	9	N/A	01-29-18
Kansas	NELAP Secondary AB	7	E-10420	07-31-17 *
Nevada	State Program	9	CA015312018-1	07-31-18 *
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-17 *

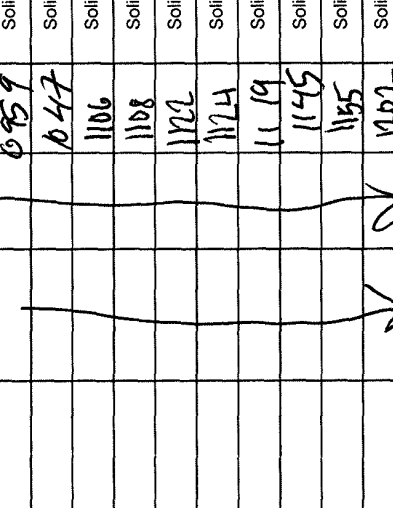
\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

TestAmerica Irvine  
 17461 Derian Ave Suite 100  
 Irvine, CA 92614-5817  
 Phone (949) 261-1022 Fax (949) 260-3297

### Chain of Custody Record

TestAmerica  
 THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b> Client Contact: Accounts Payable Company: Leighton Consulting Inc Address: 17781 Cowan Suite 200 City: Irvine State, Zip: CA, 92614 Phone: [blank] Email: acctpayable@leightongroup.com Project Name: Malibu USD Site: [blank]		Lab P/M: Roberts, Danielle C E-Mail: danielle.roberts@testamericainc.com Carrier Tracking No(s): [blank]		COC No: 440-126576-22792.2 Page: Page 2 of 8 Job #: [blank]	
Due Date Requested: [blank] TAT Requested (days): <b>Standard</b> PO #: [blank] Purchase Order Requested: [blank] WO #: 44018625 Project #: 44018625 SOW#: [blank]		<b>Analysis Requested</b> 8082 - Standard 8082 PCB list Perform MS/MSD (Yes or No) [X] N Field Filtered Sample (Yes or No) [X] N			
<b>Sample Identification</b> BE-3-0.0 BE-8-0.5 BE-8-2.5 BE-4-0.5 BE-4D-0.5 BE-4-1.5 BE-4D-1.5 BE-6-0.5 BE-6-2.5 BE-7-0.0 BE-7-1.5		Sample Date: 8/17/17 Sample Time: 6:59 Sample Type: G-Grab Matrix: Solid		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 Other: [blank]	
<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Special Instructions/Note: 440-190515 Chain of Custody 			
<b>Deliverable Requested:</b> I, II, III, IV, Other (specify) [blank]		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab Archive For: [blank] Months			
<b>Empty Kit Relinquished by:</b> SA [Signature]		Method of Shipment: [blank]			
<b>Relinquished by:</b> SA [Signature]		Date: 8/17/17 17:33			
<b>Relinquished by:</b> [blank]		Date/Time: [blank]			
<b>Relinquished by:</b> [blank]		Date/Time: [blank]			
<b>Custody Seals Intact:</b> Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 16.5°/16.8 16.8x On ice			

11/1/18 87

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**America Irvine**  
 461 Derian Ave Suite 100  
 Irvine, CA 92614-5817  
 Phone (949) 261-1022 Fax (949) 260-3297

**Chain of Custody Record**

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b>		Lab P.M. Roberts, Danielle C		Camera Tracking No(s):		COC No: 440-126576-22792.1	
Client Contact: Accounts Payable		E-Mail: danielle.roberts@testamericainc.com		Page 1 of 8		Job #:	
Company: Leighton Consulting Inc		Address: 17781 Cowan, Suite 200 Irvine, CA, 92614		Due Date Requested: TAT Requested (days): <b>Standard</b>		Analysis Requested	
Phone: acctpayable@leighongroup.com		Project #: 44018625		Purchase Order Requested		Preservation Codes:	
Site: Malibu USD		SSOW#:		WO #: 44018625		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
BE-1-0.5	8/17/17	0850	G	Solid		X	
BE-1-1.5		0854		Solid			HOLD SAMPLE
BE-1-5.0		0904		Solid			
BE-5-0.5		0850		Solid			
BE-5-2.5		0915		Solid			
BE-5-5.0		0935		Solid			HOLD SAMPLE
BE-2-0.5		0921		Solid			
BE-1-1.5		0913		Solid			
BE-1-5.0		0934		Solid			HOLD SAMPLE
BE-3-0.5		0957		Solid			
BE-3-2.5		1009		Solid			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)							
Relinquished by: <i>[Signature]</i>		Date/Time: 8/17/17 1733		Received by: <i>[Signature]</i>		Date/Time: 8/17/17 1733	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 16.5° / 16.8		Company: THZ	

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Chain of Custody Record

Client Information		Lab PM: Roberts, Danielle C		Carrier Tracking No(s):		COC No: 440-126576-22792.3	
Client Contact: Accounts Payable		E-Mail: danielle.roberts@testamericainc.com		Page: Page 3 of 8		Job #:	
Company: Leighton Consulting Inc		Due Date Requested:		Analysis Requested		Preservation Codes:	
Address: 17781 Cowan Suite 200		TAT Requested (days):		8082 - Standard 8082 PCB list		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 Other:	
City: Irvine		Purchase Order Requested		Field Filtered Sample (Yes or No)		M - Hexane N - None O - AsNaO2 P - Na2SO4 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - PH 4.5 X - other (specify)	
State, Zip: CA, 92614		PO #:		Perform MS/MSD (Yes or No)		Total Number of Containers	
Phone:		WO #:		N		Special Instructions/Note:	
Email: acctpayable@leightongroup.com		Project #:		8082 - Standard 8082 PCB list			
Project Name: Mailbu USD		SSOW#:					
Site:							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
BE-9-0.5	8/17/17	12:21	G	Solid	X	X	
BE-9-2.5		12:40		Solid	X	X	
BE-10-0.5		12:52		Solid	X	X	
BE-10-2.5		13:00		Solid	X	X	
BE-11-0.5		13:08		Solid	X	X	
BE-11-2.5		13:16		Solid	X	X	
BE-13-0.5		13:16		Solid	X	X	
BE-13-2.5		13:41		Solid	X	X	
BE-12-0.5		13:48		Solid	X	X	
BE-12-2.5		13:55		Solid	X	X	
BE-14-0.5		14:00		Solid	X	X	

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

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

**Empty Kit Relinquished by:** Date: 8/17/17 17:33

**Relinquished by:** [Signature] Date: 8/17/17 17:33 Company: TAI

**Relinquished by:** Date: Date: Date: Company: Company: Company:

**Custody Seal No.:** Δ Yes Δ No 16.5/16.8 12-58 On ICE

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## Chain of Custody Record

Carrier Tracking No(s): **440-126576-22792.4**

COC No: **440-126576-22792.4**

Page: **Page 4 of 8**

Job #:

Lab P.M.: **Roberts, Danielle C**

Phone: **danielle.roberts@testamericainc.com**

E-Mail: **danielle.roberts@testamericainc.com**

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Company: **Leighton Consulting Inc**

Address: **17781 Cowan Suite 200**

City: **Irvine**

State, Zip: **CA, 92614**

Phone:

PO #:

Purchase Order Requested

WO #:

Project #:

Project Name: **Malibu USD**

Site:

SSOW#:

Due Date Requested:

TAT Requested (days):

*standard*

PO #:

Purchase Order Requested

WO #:

Project #:

Project Name:

Site:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of Containers
<b>BE-14-2.5</b>	<b>8/17/17</b>	<b>1408</b>	<b>G</b>	<b>Solid</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Special Instructions/Note:

Analysis Requested

Preservation Codes:

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 - Na2S2O3  
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)  
Other:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For  Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_

Relinquished by: *SN MIA* Date: **8/17/17**

Relinquished by: \_\_\_\_\_ Date/Time: **1735**

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: **8/17/17**

Received by: \_\_\_\_\_ Date/Time: **1733**

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Company: **TAS**

Company: \_\_\_\_\_

Company: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: **16.5 / 16.8**

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

# Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 440-190515-1

**Login Number: 190515**

**List Source: TestAmerica Irvine**

**List Number: 1**

**Creator: Skinner, Alma D**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	Received same day of collection; chilling process has begun.
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	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	