



August 7, 2020

Santa Monica-Malibu Unified School District
Facilities Improvement Projects
2828 4th Street
Santa Monica, California 90405

Attention: Nelson Martinez

**Re: PCB Removal Clearance Letter
Malibu High School-Building I**

1 PROJECT BACKGROUND

Alta Environmental DBA NV5 (NV5) conducted full-time monitoring and observation during the removal of flooring material containing polychlorinated biphenyls (PCBs) from Rooms 402C (Dark Room) and 402D (Film Storage), which are located in Building I at Malibu High School (Site). The removal activities were conducted in accordance with the USEPA-approved *PCB Remediation Waste Plan – Buildings D, F, G, I and J* dated April 13, 2018 (Work Plan).

2 PROJECT OBSERVATIONS

Flooring Removal Work Activities

Miller Environmental, Inc. (Miller) completed removal of PCB containing source material (adhesive) at the Site. Prior to beginning removal activities, a full containment work area including critical barriers, three-stage worker decontamination facility, and temporary negative pressure differential was established. Removal activities were completed by HAZWOPER trained technicians using manual means and wet methods.

Following the removal of all visible flooring material and associated adhesive, Miller and NV5 field personnel performed a final visual inspection. Once the area was found to be acceptably free of PCB-impacted materials, dust and other debris, Miller applied the specified 2-layer epoxy floor coating in accordance with the approved application. The final coat of the epoxy was applied on July 21, 2020. After an appropriate cure time, NV5 collected an initial set of wipe samples on July 22, 2020 to clear the work area for restoration activities.

Following restoration, NV5 collected final confirmation air and wipe samples on July 30, 2020. Based on the reported laboratory results, the subject work area was released back to the Santa Monica Malibu Unified School District for re-occupancy on August 6, 2020.

Alta Environmental

3777 Long Beach Boulevard Annex Building Long Beach CA 90807 United States of America
T (+1) (310) 530 5006 F (+1) (310) 530 0792 Toll-free (US only) (800) 777-0605 coffey.com

3 CONCLUSIONS

The previously identified PCB-impacted flooring materials within Malibu High School Building I Rooms 402C and 402D were appropriately removed and disposed, and the remaining substrate was encapsulated in accordance with the USEPA-approved Work Plan.

4 SIGNATORY

Respectfully submitted by:

NV5



Jonathan Barkman
Project Manager

Attachments:

Laboratory Analytical Reports

Reviewed by:

NV5



David R. Schack
Vice President, Building Sciences

APPENDIX A

Laboratory Results – Initial Post-Remediation Sampling



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

NV5
3777 Long Beach Blvd.
Long Beach, CA 90807-

Number of Pages 5
Date Received 07/22/2020
Date Reported 07/23/2020

Telephone: (562)495-5777
Attention: Jonathan Barkman

Job Number	Order Date	Client
105502	07/22/2020	NV5

Project ID: SMSD-20-9592
Project Name: Malibu High School
Site: Malibu High School
30215 Morning View Dr.
Malibu, CA 90265

Enclosed please find results of analyses of 10 solid samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Joe Sevrean
Laboratory Director



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 ELAP # 1541 LACSD# 10181
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CHAIN OF CUSTODY RECORD

B1360193

117971

COMPANY NVS		PROJECT MANAGER J. Barkmugh		AETL JOB No. 105502		TEST INSTRUCTIONS & COMMENTS	
COMPANY ADDRESS 3777 Long Beach Blvd. Long Beach Cal. 90807		PHONE 562 495 5777		ANALYSIS REQUESTED			
PROJECT NAME Malibu H.S.		PROJECT #					
SITE NAME AND ADDRESS 30215 Morning View Dr.		PO #					
SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	
1 IO722-1	105502.01	7/22/20	1200	WIPES	1	ICED	
2	105502.02		1205				
3	105502.03		1210				
4 FO722-1	105502.04		1230				
5	105502.05		1235				
6	105502.06		1240				
7	105502.07		1245				
8	105502.08		1250				
9	105502.09		1255				
10	105502.10		1300				
11							
12							
13							
14							
15							
TOTAL NUMBER OF CONTAINERS:		10		RELINQUISHED BY SAMPLER:		1.	
BILLING INFORMATION / SPECIAL INSTRUCTIONS cc: David.Schack@NVS.com Randolph.Flores@NVS.com		Signature: M. An		Signature:		2.	
		Printed Name: Randy Flores		Printed Name:		3.	
		Date: 7/22/20		Date: 7/22/20		Date: 7/22/20	
		Time: 1415		Time: 1515		Time: 1515	
TURN AROUND TIME		DATA DELIVERABLE REQUIRED		RECEIVED BY LABORATORY:		3.	
<input type="checkbox"/> NORMAL	<input type="checkbox"/> SAME DAY RUSH	<input checked="" type="checkbox"/> NEXT DAY RUSH	Signature:		Signature:		Signature:
<input type="checkbox"/> 2 DAYS RUSH	<input type="checkbox"/> 3 DAYS RUSH	<input type="checkbox"/> 4 DAYS RUSH	Printed Name: David Garcia		Printed Name:		Printed Name: David Garcia
				Date: 7/22/20		Date: 7/22/20	
				Time: 1415		Time: 1515	

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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2834 N. NAOMI ST. BURBANK, CALIFORNIA 91504 ELAP# 1541 & 2402 LACSD# 10181

TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

COOLER RECEIPT FORM

Client Name: <i>NYS</i>			
Project Name:			
AETL Job Number: <i>105502</i>			
Date Received: <i>7/22/2020</i>		Received by: <i>Sargis-P</i>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<i>1</i>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <i>3.2°C</i> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH			
<input checked="" type="checkbox"/> Other (Specify): <i>WIPS</i>			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	<i>✓</i>		
2. Are the Sample labels legible?	<i>✓</i>		
3. Do samples match the COC?	<i>✓</i>		
4. Are the required analyses clear?	<i>✓</i>		
5. Is there enough samples for required analysis?	<i>✓</i>		
6. Are samples sealed with evidence tape?	<i>N/A</i>		
7. Are sample containers in good condition?	<i>✓</i>		
8. Are samples preserved?	<i>✓</i>		
9. Are samples preserved properly for the intended analysis?	<i>✓</i>		
10. Are the VOAs free of headspace?	<i>N/A</i>		
11. Are the jars free of headspace?	<i>✓</i>		

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

Explain all "No" answers for above questions:



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Page: 1 A

Ordered By

NV5
3777 Long Beach Blvd.
Long Beach, CA 90807-

Project ID: SMSD-20-9592
Date Received 07/22/2020
Date Reported 07/23/2020

Telephone: (562) 495-5777
Attention: Jonathan Barkman

Job Number	Order Date	Client
105502	07/22/2020	NV5

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 10 samples with the following specification on 07/22/2020.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
105502.01	I0722-1	07/22/2020	Solid	1
105502.02	I0722-2	07/22/2020	Solid	1
105502.03	I0722-3	07/22/2020	Solid	1
105502.04	F0722-1	07/22/2020	Solid	1
105502.05	F0722-2	07/22/2020	Solid	1
105502.06	F0722-3	07/22/2020	Solid	1
105502.07	F0722-4	07/22/2020	Solid	1
105502.08	F0722-5	07/22/2020	Solid	1
105502.09	F0722-6	07/22/2020	Solid	1
105502.10	F0722-7	07/22/2020	Solid	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8082) ^ WIPE-2	07/23/2020	2	Rush	ug/100cm2

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Joe Sevran
Laboratory Director



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ANALYTICAL RESULTS

Ordered By

NV5
 3777 Long Beach Blvd.
 Long Beach, CA 90807-

Site

Malibu High School
 30215 Morning View Dr.
 Malibu, CA 90265

Telephone: (562)495-5777

Attn: Jonathan Barkman

Page: 2

Project ID: SMSD-20-9592

Project Name: Malibu High School

AETL Job Number	Submitted	Client
105502	07/22/2020	NV5

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 072220

Our Lab I.D.			Method Blank	105502.01	105502.02	105502.03	105502.04
Client Sample I.D.				I0722-1	I0722-2	I0722-3	F0722-1
Date Sampled				07/22/2020	07/22/2020	07/22/2020	07/22/2020
Date Prepared			07/22/2020	07/22/2020	07/22/2020	07/22/2020	07/22/2020
Preparation Method			3540C	3540C	3540C	3540C	3540C
Date Analyzed			07/23/2020	07/23/2020	07/23/2020	07/23/2020	07/23/2020
Matrix			Solid	Solid	Solid	Solid	Solid
Units			ug/100cm2	ug/100cm2	ug/100cm2	ug/100cm2	ug/100cm2
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	0.05	0.10	ND	ND	ND	ND	0.188
Aroclor-1260 (PCB-1260)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	0.05	0.10	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	105502.01	105502.02	105502.03	105502.04
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150		79.0	71.5	57.2	47.2	57.1
Tetrachloro-m-xylene	30-150		61.2	58.4	58.4	55.8	56.1



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ANALYTICAL RESULTS

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NV5
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Malibu High School
 30215 Morning View Dr.
 Malibu, CA 90265

Telephone: (562)495-5777

Attn: Jonathan Barkman

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Project ID: SMSD-20-9592

Project Name: Malibu High School

AETL Job Number	Submitted	Client
105502	07/22/2020	NV5

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 072220

Our Lab I.D.			105502.05	105502.06	105502.07	105502.08	105502.09
Client Sample I.D.			F0722-2	F0722-3	F0722-4	F0722-5	F0722-6
Date Sampled			07/22/2020	07/22/2020	07/22/2020	07/22/2020	07/22/2020
Date Prepared			07/22/2020	07/22/2020	07/22/2020	07/22/2020	07/22/2020
Preparation Method			3540C	3540C	3540C	3540C	3540C
Date Analyzed			07/23/2020	07/23/2020	07/23/2020	07/23/2020	07/23/2020
Matrix			Solid	Solid	Solid	Solid	Solid
Units			ug/100cm2	ug/100cm2	ug/100cm2	ug/100cm2	ug/100cm2
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	0.05	0.10	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	0.05	0.10	ND	ND	ND	ND	ND
Our Lab I.D.			105502.05	105502.06	105502.07	105502.08	105502.09
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150		51.1	57.4	52.0	57.3	58.4
Tetrachloro-m-xylene	30-150		41.3	61.4	53.3	49.0	46.9



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ANALYTICAL RESULTS

Ordered By

NV5
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 Long Beach, CA 90807-

Site

Malibu High School
 30215 Morning View Dr.
 Malibu, CA 90265

Telephone: (562)495-5777

Attn: Jonathan Barkman

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Project ID: SMSD-20-9592

Project Name: Malibu High School

AETL Job Number	Submitted	Client
105502	07/22/2020	NV5

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 072220

Our Lab I.D.	105502.10		
Client Sample I.D.	F0722-7		
Date Sampled	07/22/2020		
Date Prepared	07/22/2020		
Preparation Method	3540C		
Date Analyzed	07/23/2020		
Matrix	Solid		
Units	ug/100cm2		
Dilution Factor	1		
Analytes	MDL	PQL	Results
Aroclor-1016 (PCB-1016)	0.05	0.10	ND
Aroclor-1221 (PCB-1221)	0.05	0.10	ND
Aroclor-1232 (PCB-1232)	0.05	0.10	ND
Aroclor-1242 (PCB-1242)	0.05	0.10	ND
Aroclor-1248 (PCB-1248)	0.05	0.10	ND
Aroclor-1254 (PCB-1254)	0.05	0.10	ND
Aroclor-1260 (PCB-1260)	0.05	0.10	ND
Aroclor-1262 (PCB-1262)	0.05	0.10	ND
Aroclor-1268 (PCB-1268)	0.05	0.10	ND
Our Lab I.D.	105502.10		
Surrogates	%Rec.Limit	% Rec.	
Decachlorobiphenyl	30-150	53.2	
Tetrachloro-m-xylene	30-150	60.4	



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QUALITY CONTROL RESULTS

Ordered By

NV5
3777 Long Beach Blvd.
Long Beach, CA 90807-

Site

Malibu High School
30215 Morning View Dr.
Malibu, CA 90265

Telephone: (562)495-5777

Attn: Jonathan Barkman

Page: 5

Project ID: SMSD-20-9592

Project Name: Malibu High School

AETL Job Number	Submitted	Client
105502	07/22/2020	NV5

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 072220; LCS: Blank; LCS Prepared: 07/22/2020; LCS Analyzed: 07/23/2020; Units: ug/100cm2

Analytes	LCS	LCS	LCS	LCS DUP	LCS DUP	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD	
	Concen	Recov	% REC	Concen	Recov	% REC	% REC	% Limit	% Limit	
Aroclor-1016 (PCB-1016)	500	515	103	500	645	129	22.4	50-150	<20	
Aroclor-1260 (PCB-1260)	500	665	133	500	745	149	11.3	50-150	<20	
Surrogates										
Decachlorobiphenyl	50.0	37.4	74.8	50.0	42.7	85.4	13.2	30-150	<20	
Tetrachloro-m-xylene	50.0	37.7	75.4	50.0	37.8	75.6	<1	30-150	<20	



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Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



AMERICAN ENVIRONMENTAL TESTING LABORATORY

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

APPENDIX B

Laboratory Results – Work Area Re-Occupancy Clearance Sampling



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2834 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181
TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

August 04, 2020

AETL Job No: BBG0308
Project Number: SMSD-20-9592
Received Date: 07/31/2020

Jonathan Barkman
NV5
3777 Long Beach Boulevard, Annex Building
Long Beach, CA 90807

Project Name: Malibu High School
Site: Malibu High School
30215 Morning View Dr.
Malibu, CA

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Harriet Torosyan
Project Manager

Approved By:

Corey Jones
Project Manager

Table of Contents

Client Project Name: Malibu High School (SMSD-20-9592)
Work Order Number: BBG0308

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NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 2.0 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

119741

AETL JOB No. **B1360308**

Page 1 of 1

COMPANY: **NVS - Alta Environmental**
 PROJECT MANAGER: **Dave Shack**
 COMPANY ADDRESS: **3777 Long Beach Blvd Annex Bldg, Long Beach, CA**
 PHONE: **310.951.9482**
 PROJECT NAME: **Malibu High School**
 EMAIL: **David.Shack@NVS.com**
 PROJECT #: **MSD-30-9592**
 ADDRESS: **30215 Morning View Dr, Malibu, CA**
 PO #:

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
I73020-1	B360308.01	7/30/20	1450	AIR	1	ICE	
I73020-2	B360308.02	7/30/20	1511	AIR			
W273020-1	B360308.03	7/30/20	1501	WIPE			
W273020-2	B360308.04	7/30/20	1505				
W273020-3	B360308.05	7/30/20	1520				
W273020-4	B360308.06	7/30/20	1530				
J073120-1	B360308.07	7/31/20	1430				
J073120-2	B360308.08		1435				
J073120-3	B360308.09		1440				
J073120-4	B360308.10		1445				
J073120-5	B360308.11		1450				
I73020-3	B360308.12	7/30/20		Blank	1	ICE	

TOTAL NUMBER OF CONTAINERS: 12

BILLING INFORMATION / SPECIAL INSTRUCTIONS:

Signature: **Mr. Dr. Randy Flores**
 Printed Name: **Randy Flores**
 Date: **7-31-20** Time: **1530**

RECEIVED BY: 1. Signature: **[Signature]**
 Printed Name: **[Name]**
 Date: **7-31-20** Time: **1530**

RELINQUISHED BY: 1. Signature: **[Signature]**
 Printed Name: **[Name]**
 Date: **7-31-20** Time: **1530**

RELINQUISHED BY: 2. Signature: **[Signature]**
 Printed Name: **[Name]**
 Date: **7-31-20** Time: **1530**

RELINQUISHED BY: 3. Signature: **[Signature]**
 Printed Name: **[Name]**
 Date: **7-31-20** Time: **1718**

DATA DELIVERABLE REQUIRED:
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

TURN AROUND TIME:
 NORMAL
 2 DAYS RUSH
 SAME DAY RUSH
 3 DAYS RUSH
 4 DAYS RUSH
 NEXT DAY RUSH

cc: Dave Shack

Page 4 of 27

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: <i>NVS</i>			
Project Name:			
AETL Job Number: <i>BBG0308</i>			
Date Received: <i>7/31/20</i>		Received by: <i>Sargis Pireh</i>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<i>1</i>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <i>2.6</i> °C, No 2: , No 3:			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH			
<input type="checkbox"/> Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	✓		
2. Are the Sample labels legible?	✓		
3. Do samples match the COC?	✓		
4. Are the required analyses clear?	✓		
5. Is there enough samples for required analysis?	✓		
6. Are samples sealed with evidence tape?	<i>N/A</i>		
7. Are sample containers in good condition?	✓		
8. Are samples preserved?	✓		
9. Are samples preserved properly for the intended analysis?	✓		
10. Are the VOAs free of headspace?	<i>N/A</i>		
11. Are the jars free of headspace?	↓		

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

Explain all "No" answers for above questions:



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Samples Received

AETL received the following samples on 07/31/2020 with the following specifications

Project Name: Malibu High School
 Site: 30215 Morning View Dr.
 Malibu, CA

Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-01	I73020-1	07/30/20 14:50	Air	1
Analysis			Units	TAT
EPA TO-10A			ng/m ³	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-02	I73020-2	07/30/20 15:11	Air	1
Analysis			Units	TAT
EPA TO-10A			ng/m ³	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-03	WZ73020-1	07/30/20 15:01	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm ²	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-04	WZ73020-2	07/30/20 15:05	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm ²	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-05	WZ73020-3	07/30/20 15:20	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm ²	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-06	WZ73020-4	07/30/20 15:30	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm ²	5



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Samples Received (Continued)

AETL received the following samples on 07/31/2020 with the following specifications

Project Name: Malibu High School
 Site: 30215 Morning View Dr.
 Malibu, CA

Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-07	J073120-1	07/31/20 14:30	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm2	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-08	J073120-2	07/31/20 14:35	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm2	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-09	J073120-3	07/31/20 14:40	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm2	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-10	J073120-4	07/31/20 14:45	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm2	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-11	J073120-5	07/31/20 14:50	Wipe	1
Analysis			Units	TAT
EPA 8082			ug/100cm2	5
Lab ID	Client ID	Sample Date	Matrix	Quantity of Containers
BBG0308-12	I73020-3	07/30/20 14:50	Air	1
Analysis			Units	TAT
EPA TO-10A			ng/m ³	5



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Total Number of Samples received: 12



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NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Positive Hits Summary

Lab ID	Client ID				
BBG0308-01	I73020-1	Received: 07/31/2020 17:18			
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA TO-10A	Aroclor-1254 (PCB-1254)	30.9		ng/m ³	08/03/2020 09:37
Lab ID	Client ID				
BBG0308-04	WZ73020-2	Received: 07/31/2020 17:18			
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8082	Aroclor-1254 (PCB-1254)	0.0366	J	ug/100cm ²	08/03/2020 11:21



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Analytical Results

Client ID: I73020-1

Lab ID: BBG0308-01 (Air)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Semivolatile Organic Compounds

Method: EPA TO-10A

Aroclor-1016 (PCB-1016)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1254 (PCB-1254)	30.9		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	66.3%			30-150	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C		
Surrogate: Tetrachloro-m-xylene	43.3%			30-150	07/31/20 18:00	08/03/20 09:37	B0H0008	ATS	3540C		



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Analytical Results

Client ID: I73020-2
Lab ID: BBG0308-02 (Air)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Semivolatile Organic Compounds

Method: EPA TO-10A

Aroclor-1016 (PCB-1016)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 09:52	B0H0008	ATS	3540C
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	31.2%										
Surrogate: Tetrachloro-m-xylene	37.4%										



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Analytical Results

Client ID: WZ73020-1

Lab ID: BBG0308-03 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C

	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	60.4%				30-150		07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	52.2%				30-150		07/31/20 18:00	08/03/20 11:06	B0H0010	AT	3540C



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Analytical Results

Client ID: WZ73020-2

Lab ID: BBG0308-04 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	0.0366	J	1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	33.6%						07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	47.1%						07/31/20 18:00	08/03/20 11:21	B0H0010	AT	3540C



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Analytical Results

Client ID: WZ73020-3

Lab ID: BBG0308-05 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm ²	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C
		Recovery			Acceptance Criteria						
Surrogate: Decachlorobiphenyl	75.8%			30-150	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C		
Surrogate: Tetrachloro-m-xylene	50.7%			30-150	07/31/20 18:00	08/03/20 12:39	B0H0010	AT	3540C		



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: WZ73020-4

Lab ID: BBG0308-06 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	42.0%			30-150			07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	52.2%			30-150			07/31/20 18:00	08/03/20 12:54	B0H0010	AT	3540C



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: J073120-1

Lab ID: BBG0308-07 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
		Recovery		Acceptance Criteria							
Surrogate: Decachlorobiphenyl	43.3%			30-150			07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	66.9%			30-150			07/31/20 18:00	08/03/20 13:08	B0H0010	AT	3540C



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: J073120-2

Lab ID: BBG0308-08 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
		Recovery		Acceptance Criteria							
Surrogate: Decachlorobiphenyl	31.0%			30-150			07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	43.7%			30-150			07/31/20 18:00	08/03/20 13:23	B0H0010	AT	3540C



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: J073120-3

Lab ID: BBG0308-09 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C
		Recovery			Acceptance Criteria						
Surrogate: Decachlorobiphenyl	59.4%			30-150	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C		
Surrogate: Tetrachloro-m-xylene	38.2%			30-150	07/31/20 18:00	08/03/20 13:38	B0H0010	AT	3540C		



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: J073120-4

Lab ID: BBG0308-10 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C

	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	39.9%						07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	45.5%						07/31/20 18:00	08/03/20 13:53	B0H0010	AT	3540C



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NV5 3777 Long Beach Boulevard, Annex Building Long Beach, CA 90807	AETL Job Number: BBG0308 Project Number: SMSD-20-9592 Project Manager: Jonathan Barkman Project Name: Malibu High School	Site: Malibu High School 30215 Morning View Dr. Malibu, CA Reported: 08/04/2020 15:01
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Analytical Results

Client ID: J073120-5

Lab ID: BBG0308-11 (Wipe)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0200	0.0500	ug/100cm 2	07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
		Recovery		Acceptance Criteria							
Surrogate: Decachlorobiphenyl	40.7%			30-150			07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C
Surrogate: Tetrachloro-m-xylene	44.2%			30-150			07/31/20 18:00	08/03/20 14:08	B0H0010	AT	3540C



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NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Analytical Results

Client ID: I73020-3

Lab ID: BBG0308-12 (Air)

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Semivolatile Organic Compounds

Method: EPA TO-10A

Aroclor-1016 (PCB-1016)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1221 (PCB-1221)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1232 (PCB-1232)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1242 (PCB-1242)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1248 (PCB-1248)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1254 (PCB-1254)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1260 (PCB-1260)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1262 (PCB-1262)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
Aroclor-1268 (PCB-1268)	ND		1	0.0500	0.100	ng/m ³	07/31/20 18:00	08/03/20 10:07	B0H0008	ATS	3540C
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	46.2%										
Surrogate: Tetrachloro-m-xylene	35.9%										



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NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Quality Control Results

Semivolatile Organic Compounds (EPA TO-10A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B0H0008 - 3540C					Prepared: 07/31/2020 18:00						
Method Blank (B0H0008-BLK1)					Analyzed: 08/03/2020 09:22						
Aroclor-1016 (PCB-1016)	ND	0.0500	0.100	ng/m ³							
Aroclor-1221 (PCB-1221)	ND	0.0500	0.100	ng/m ³							
Aroclor-1232 (PCB-1232)	ND	0.0500	0.100	ng/m ³							
Aroclor-1242 (PCB-1242)	ND	0.0500	0.100	ng/m ³							
Aroclor-1248 (PCB-1248)	ND	0.0500	0.100	ng/m ³							
Aroclor-1254 (PCB-1254)	ND	0.0500	0.100	ng/m ³							
Aroclor-1260 (PCB-1260)	ND	0.0500	0.100	ng/m ³							
Aroclor-1262 (PCB-1262)	ND	0.0500	0.100	ng/m ³							
Aroclor-1268 (PCB-1268)	ND	0.0500	0.100	ng/m ³							
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Surrogate: Decachlorobiphenyl	0.0354			ng/m ³	0.0500000		70.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.0323			ng/m ³	0.0500000		64.6	30-150			



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NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Quality Control Results

Semivolatile Organic Compounds (EPA TO-10A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B0H0008 - 3540C (Continued)					Prepared: 07/31/2020 18:00						
LCS (B0H0008-BS1)					Analyzed: 08/03/2020 08:52						
Aroclor-1016 (PCB-1016)	0.554	0.0500	0.100	ng/m ³	1.00000		55.4	40-140			
Aroclor-1260 (PCB-1260)	0.614	0.0500	0.100	ng/m ³	1.00000		61.4	40-140			
<i>Surrogate: Decachlorobiphenyl</i>				<i>ng/m³</i>	<i>0.0500000</i>		<i>61.8</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>				<i>ng/m³</i>	<i>0.0500000</i>		<i>60.9</i>	<i>30-150</i>			
LCSD (B0H0008-BSD1)					Analyzed: 08/03/2020 09:07						
Aroclor-1016 (PCB-1016)	0.492	0.0500	0.100	ng/m ³	1.00000		49.2	40-140	11.9	40	
Aroclor-1260 (PCB-1260)	0.595	0.0500	0.100	ng/m ³	1.00000		59.5	40-140	3.26	40	
<i>Surrogate: Decachlorobiphenyl</i>				<i>ng/m³</i>	<i>0.0500000</i>		<i>69.8</i>	<i>30-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>				<i>ng/m³</i>	<i>0.0500000</i>		<i>58.1</i>	<i>30-150</i>			



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2834 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181
 TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

NV5	AETL Job Number: BBG0308	Site: Malibu High School
3777 Long Beach Boulevard, Annex Building	Project Number: SMSD-20-9592	30215 Morning View Dr.
Long Beach, CA 90807	Project Manager: Jonathan Barkman	Malibu, CA
	Project Name: Malibu High School	Reported: 08/04/2020 15:01

Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B0H0010 - 3540C					Prepared: 07/31/2020 18:00						
Method Blank (B0H0010-BLK1)					Analyzed: 08/03/2020 10:51						
Aroclor-1016 (PCB-1016)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1221 (PCB-1221)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1232 (PCB-1232)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1242 (PCB-1242)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1248 (PCB-1248)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1254 (PCB-1254)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1260 (PCB-1260)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1262 (PCB-1262)	ND	0.0200	0.0500	ug/100cm2							
Aroclor-1268 (PCB-1268)	ND	0.0200	0.0500	ug/100cm2							
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Surrogate: Decachlorobiphenyl	0.0533			ug/100cm2	0.0500000		107	30-150			
Surrogate: Tetrachloro-m-xylene	0.0438			ug/100cm2	0.0500000		87.6	30-150			



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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B0H0010 - 3540C (Continued)					Prepared: 07/31/2020 18:00						
LCS (B0H0010-BS1)					Analyzed: 08/03/2020 10:21						
Aroclor-1016 (PCB-1016)	0.509	0.0200	0.0500	ug/100cm2	1.00000		50.9	50-150			
Aroclor-1260 (PCB-1260)	0.688	0.0200	0.0500	ug/100cm2	1.00000		68.8	50-150			
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Surrogate: Decachlorobiphenyl	0.0366			ug/100cm2	0.0500000		73.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.0346			ug/100cm2	0.0500000		69.2	30-150			
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LCSD (B0H0010-BSD1)					Analyzed: 08/03/2020 10:36						
Aroclor-1016 (PCB-1016)	0.629	0.0200	0.0500	ug/100cm2	1.00000		62.9	50-150	21.1	40	
Aroclor-1260 (PCB-1260)	0.570	0.0200	0.0500	ug/100cm2	1.00000		57.0	50-150	18.6	40	
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Surrogate: Decachlorobiphenyl	0.0389			ug/100cm2	0.0500000		77.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.0319			ug/100cm2	0.0500000		63.7	30-150			



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
%REC	Percent Recovery
°C	Degrees Celsius
AETL	American Environmental Testing Laboratory, LLC
CARB	California Air Resources Board
COC	Chain of Custody
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
HC	Hydrocarbon
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
OSHA	Occupational Safety and Health Administration
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
TPH	Total Petroleum Hydrocarbons
ug/kg	Micrograms per Kilogram



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ug/L Micrograms per Liter
ug/m3 Micrograms per cubic meter
Y Yes