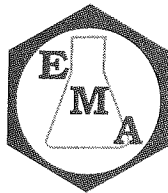


EnviroMatrix



Analytical, Inc.

07 October 2016

San Diego Unified School District – Safety Office
Attn: John Baker
4860 Ruffner St
San Diego, CA 92111

EMA Log #: 16I0431**Project Name: SUNSET VIEW/1**

Enclosed with this letter are the test results performed by subcontract laboratory for the following analyses:

- Pb Total – EPA 200.8

The samples were received by EnviroMatrix Analytical, Inc. intact and with chain-of-custody documentation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hard copy data report has been authorized by the following signature.

Dan Verdon
Laboratory Director



WECK LABORATORIES, INC.

Certificate of Analysis

FY20162017.037

FINAL REPORT

Work Orders: 6127036

Report Date: 10/06/2016

Project: 1610431

Received Date: 9/27/2016

Turnaround Time: 5 workdays

Phones: (858) 560-7717

Fax: (858) 560-7763

Attn: Jennifer Beyer

P.O. #: 1610431

Client: Enviromatrix Analytical, Inc
4340 Viewridge Avenue, Suite A
San Diego, CA 92123

Dear Jennifer Beyer,

Enclosed are the results of analyses for samples received 9/27/16 with the Chain-of-Custody document. The samples were received in good condition, at 19.1 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: 1A
6127036-01 (Water) Sampled: 09/15/16 6:45 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6J0258						Prepared: 10/06/16 09:25	Analyst: APA
Lead, Total	15	0.031	0.20	ug/l	1	10/06/16 11:14	

Sample: 2A
6127036-02 (Water) Sampled: 09/15/16 6:30 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6J0258						Prepared: 10/06/16 09:25	Analyst: APA
Lead, Total	0.73	0.031	0.20	ug/l	1	10/06/16 11:18	

Sample: 3A
6127036-03 (Water) Sampled: 09/15/16 6:35 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6J0258						Prepared: 10/06/16 09:25	Analyst: APA
Lead, Total	1.4	0.031	0.20	ug/l	1	10/06/16 11:22	

Sample: 4A
6127036-04 (Water) Sampled: 09/15/16 6:50 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6J0258						Prepared: 10/06/16 09:25	Analyst: APA
Lead, Total	2.0	0.031	0.20	ug/l	1	10/06/16 11:26	

Sample: 5A
6127036-05 (Water) Sampled: 09/15/16 6:55 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier



Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Sample Results

(Continued)

Sample: 5A
6I27036-05 (Water)

Sampled: 09/15/16 6:55 by Client
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6J0258							
Instr: Elan							
Prepared: 10/06/16 09:25							Analyst: APA
Lead, Total	2.5	0.031	0.20	ug/l	1	10/06/16 11:30	

Sample: 6A
6I27036-06 (Water)

Sampled: 09/15/16 7:00 by Client

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8							
Batch ID: W6I1478							
Instr: Agilent MassHunter							
Prepared: 09/27/16 15:51							Analyst: rri
Lead, Total	0.51	0.031	0.20	ug/l	1	09/30/16 15:29	



WECK LABORATORIES, INC.

FY20162017.037

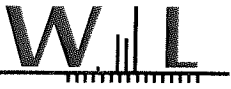
Certificate of Analysis

FINAL REPORT

Quality Control Results

Metals by EPA 200 Series Methods

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W6I1478 - EPA 200.2										
Blank (W6I1478-BLK1)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	ND	0.031	ug/l							
LCS (W6I1478-BS1)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	48.9	0.031	ug/l	50.0		98	85-115			
Matrix Spike (W6I1478-MS1)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	46.9	0.031	ug/l	50.0	0.510	93	70-130			
Matrix Spike (W6I1478-MS2)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	48.8	0.031	ug/l	50.0	2.54	93	70-130			
Matrix Spike Dup (W6I1478-MSD1)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	47.9	0.031	ug/l	50.0	0.510	95	70-130	2	30	
Matrix Spike Dup (W6I1478-MSD2)				Prepared: 09/27/16 Analyzed: 09/30/16						
Lead, Total	49.1	0.031	ug/l	50.0	2.54	93	70-130	0.6	30	
Batch: W6J0258 - EPA 200.2										
Blank (W6J0258-BLK1)				Prepared & Analyzed: 10/06/16						
Lead, Total	ND	0.031	ug/l							
LCS (W6J0258-BS1)				Prepared & Analyzed: 10/06/16						
Lead, Total	51.0	0.031	ug/l	50.0		102	85-115			
Matrix Spike (W6J0258-MS1)				Prepared & Analyzed: 10/06/16						
Lead, Total	60.4	0.031	ug/l	50.0	14.5	92	70-130			
Matrix Spike (W6J0258-MS2)				Prepared & Analyzed: 10/06/16						
Lead, Total	50.6	0.031	ug/l	50.0	2.03	97	70-130			
Matrix Spike Dup (W6J0258-MSD1)				Prepared & Analyzed: 10/06/16						
Lead, Total	60.2	0.031	ug/l	50.0	14.5	91	70-130	0.3	30	
Matrix Spike Dup (W6J0258-MSD2)				Prepared & Analyzed: 10/06/16						
Lead, Total	50.8	0.031	ug/l	50.0	2.03	98	70-130	0.4	30	



WECK LABORATORIES, INC.

Notes and Definitions

Item	Definition
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
 An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
 All results are expressed on wet weight basis unless otherwise specified.
 All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Reviewed by:

Kim G. Tu
Project Manager



DoD-ELAP #L15-366 • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH # • ISO 17025 #L15-365 • LACSD #10143 • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

SUBCONTRACT ORDER

FY20162017.037

EnviroMatrix Analytical, Inc.

1610431

QI27036

SENDING LABORATORY:

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123
Phone: (858) 560-7717
Fax: (858) 560-7763
Project Manager: Jennifer Beyer

RECEIVING LABORATORY:

Weck Laboratories, Inc.
14859 E. Clark Ave
City of Industry, CA 91745
Phone : (626) 336-2139
Fax: (626) 336-2634

3 Day TAT

Analysis	Due	Expires	Laboratory ID	Comments
----------	-----	---------	---------------	----------

Sample ID: 1A Water Sampled 09/15/16 06:45

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 06:45

Containers Supplied:

~~250~~ mL Poly HNO3 (B) 500
500

Sample ID: 2A Water Sampled 09/15/16 06:30

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 06:30

Containers Supplied:

~~250~~ mL Poly HNO3 (B)
500

Sample ID: 3A Water Sampled 09/15/16 06:35

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 06:35

Containers Supplied:

~~250~~ mL Poly HNO3 (B)
500

Sample ID: 4A Water Sampled 09/15/16 06:50

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 06:50

Containers Supplied:

~~250~~ mL Poly HNO3 (B)
500

Sample ID: 5A Water Sampled 09/15/16 06:55

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 06:55

Containers Supplied:

~~250~~ mL Poly HNO3 (B)
500

Sample ID: 6A Water Sampled 09/15/16 07:00

Pb Total EPA-200.8 09/26/16 16:00 03/14/17 07:00

Containers Supplied:

~~250~~ mL Poly HNO3 (B)
500

Mm 9/26/16

Fedex

Released By Date

Received By Date

Fedex

Jamela 9/27/16 1020 19.1^c

Released By Date

Received By Date

EnviroMatrix Analytical, Inc.

16I0431

SENDING LABORATORY:

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123
Phone: (858) 560-7717
Fax: (858) 560-7763
Project Manager: Jennifer Beyer

RECEIVING LABORATORY:

Weck Laboratories, Inc.
14859 E. Clark Ave
City of Industry, CA 91745
Phone : (626) 336-2139
Fax: (626) 336-2634

3 Day TAT

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 1A	Water	Sampled:09/15/16 06:45		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 06:45		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				
Sample ID: 2A	Water	Sampled:09/15/16 06:30		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 06:30		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				
Sample ID: 3A	Water	Sampled:09/15/16 06:35		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 06:35		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				
Sample ID: 4A	Water	Sampled:09/15/16 06:50		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 06:50		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				
Sample ID: 5A	Water	Sampled:09/15/16 06:55		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 06:55		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				
Sample ID: 6A	Water	Sampled:09/15/16 07:00		
Pb Total EPA-200.8	09/26/16 16:00	03/14/17 07:00		
<i>Containers Supplied:</i> 250 mL Poly HNO3 (B)				

mm 9/26/16

Released By _____ Date _____ Received By _____ Date _____

Released By _____ Date _____ Received By _____ Date _____

1610431

CHAIN-OF-CUSTODY RECORD

EnviroMatrix Analytical, Inc.

Page of

4340 Viewridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

EMA LOG #: SDUSD - SAFETY OFFICE

Client: JOHN BAKER

Att: JOHN BAKER

Samplers(s): 4860 RUFFNER ST.

Address: 858-627-7174

Phone: J Baker @ sandi.net

Email: SUNSET VIEW

Billing Address: 1

Project ID: PO #:

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	1A	9/15/14	6:45	W	P
2	2A	9/15/14	6:45	W	P
3	2B	9/15/14	6:30	W	P
4	3A	9/15/14	6:30	W	P
5	3B	9/15/14	6:35	W	P
6	4A	9/15/14	6:35	W	P
7	4B	9/15/14	6:50	W	P
8	5A	9/15/14	6:50	W	P
9	5B	9/15/14	6:55	W	P
10		9/15/14	6:55	W	P

Matrix Codes: A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water
 W/W = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

Shipped By: Courier UPS FedEx USPS Client Drop Off Other

Turn-Around-Time: Same Day 1 day 2 day 3 day 4 day 5 day 7 day

Reporting Requirements: Fax PDF Excel Geotracker/EDF Hard Copy EDT

Sample Disposal: By Laboratory Return to Client: PU or Delivery Archive

Correct Containers: Yes No N/A

Custody Seals Intact: Yes No N/A

COC/Labels Agree: Yes No N/A

Sampled By: Client EMA Autosampler

Project/Sample Comments:

Requested Analysis		RELINQUISHED BY	DATE/TIME	RECEIVED BY
Oil & Grease <input type="checkbox"/> 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> 1664		Signature: <u>J Baker</u>	7/15/14	Signature: <u>J Baker</u>
8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext		Print: <u>John Baker</u>	8:10 AM	Print: <u>J Baker</u>
624/8260 (VOC) Full BTX MTBE Oxy Nap		Company: <u>SDUSD</u>		Company: <u>EMA</u>
625 / 8270 (SVOC) <input type="checkbox"/> PAH only		Signature: _____		Signature: _____
608 / 8081 (Organochlorine Pesticides)		Print: _____		Print: _____
608 / 8082 (Polychlorinated Biphenyls)		Company: _____		Company: _____
8141 (Organophosphorus Pesticides)		Signature: _____		Signature: _____
TBT (Organotin Compounds)		Print: _____		Print: _____
pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS		Company: _____		Company: _____
Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3		Signature: _____		Signature: _____
CAC Title 22/CAM17 Metals <input type="checkbox"/> TLC <input type="checkbox"/> STLC		Print: _____		Print: _____
TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics		Company: _____		Company: _____
Cd <input type="checkbox"/> Cr <input type="checkbox"/> Cu <input type="checkbox"/> Ni <input type="checkbox"/> Ag <input type="checkbox"/> Zn <input type="checkbox"/> Dissolved		Signature: _____		Signature: _____
Coliform, <input type="checkbox"/> Total (MTF) <input checked="" type="checkbox"/> Fecal (MTF)		Print: _____		Print: _____
Collier, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration		Company: _____		Company: _____
Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolert		Signature: _____		Signature: _____
Heterotrophic Plate Count (HPC)		Print: _____		Print: _____
BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide		Company: _____		Company: _____

¹ Additional costs may apply. Please note there is a \$35 minimum charge for all clients.
² EMA reserves the right to return any samples that do not match our waste profile.
 NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.

16T0431

CHAIN-OF-CUSTODY RECORD



EnviroMatrix Analytical, Inc.

4340 Viewridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

EMALOG #: SDUSD-SAFETY OFFICE

Client: John BAKER

Attn: John BAKER

Samplers(s): John BAKER

Address: 4860 RUFFIN ST.

Phone: 858-627-7350 Fax:

Email: jbaker@sandi.net

Billing Address:

Project ID: SUNSET VIEW

Project #: 1 PO #:

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	6A	9/15/14	7:00 PM	W	P
2	6B	9/15/14	7:00 PM	W	P
3					
4					
5					
6					
7					
8					
9					
10					

Matrix Codes: A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water
 WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

Shipped By: Courier UPS FedEx USPS Client Drop Off Other

Turn-Around-Time: Same Day 1 day 2 day 3 day 4 day 5 day STD (7 day)

Reporting Requirements: Fax PDF Excel Geoticker/EDF Hard Copy EDT

Sample Disposal: By Laboratory Return to Client: P/U or Delivery Archive

Correct Containers: Yes No N/A

Custody Seals Intact: Yes No N/A

COC Labels Agree: Yes No N/A

Containers Properly Preserved: Yes No N/A

Temp @ Receipt: 10

Sampled By: Client/EMA Autosampler

Requested Analysis		RELINQUISHED BY	DATE/TIME	RECEIVED BY
Oil & Grease <input type="checkbox"/> 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> 1664		Signature: <u>John Baker</u>	9/15/14	Signature: <u>John Baker</u>
8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Exi		Print: <u>John Baker</u>		Print: <u>John Baker</u>
624/8260 (VOC) Full BTX MTBE Oxy Nap		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>
625 / 8270 (SVOC) <input type="checkbox"/> PAH only		Signature: <u>John Baker</u>		Signature: <u>John Baker</u>
608 / 8081 (Organochlorine Pesticides)		Print: <u>John Baker</u>		Print: <u>John Baker</u>
608 / 8082 (Polychlorinated Biphenyls)		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>
8141 (Organophosphorus Pesticides)		Signature: <u>John Baker</u>		Signature: <u>John Baker</u>
TBT (Organotin Compounds)		Print: <u>John Baker</u>		Print: <u>John Baker</u>
pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>
Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3		Signature: <u>John Baker</u>		Signature: <u>John Baker</u>
CAC Title 22/CAM17 Metals <input type="checkbox"/> TTLC <input type="checkbox"/> STLC		Print: <u>John Baker</u>		Print: <u>John Baker</u>
TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>
Cd <input type="checkbox"/> Cr <input type="checkbox"/> Cu <input type="checkbox"/> Pb <input type="checkbox"/> Ni <input type="checkbox"/> Ag <input type="checkbox"/> Zn <input type="checkbox"/> Dissolved		Signature: <u>John Baker</u>		Signature: <u>John Baker</u>
Coliform, <input type="checkbox"/> Total (MTF) <input checked="" type="checkbox"/> Fecal (MTF)		Print: <u>John Baker</u>		Print: <u>John Baker</u>
Coliform, T+E, Coll <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>
Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolent		Signature: <u>John Baker</u>		Signature: <u>John Baker</u>
Heterotrophic Plate Count (HPC)		Print: <u>John Baker</u>		Print: <u>John Baker</u>
BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide		Company: <u>SDUSD</u>		Company: <u>SDUSD</u>

Project/Sample Comments:

* Additional costs may apply. Please note there is a \$35 minimum charge for all clients.
 * EMA reserves the right to return any samples that do not match our waste profile.
 NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.