



15 March 2017

H. M. Pitt Labs, Inc.  
Attn: Louis Luick  
4901 Morena Blvd., Suite 203  
San Diego, CA 92117

**EMA Log #: 17C0102**

**Project Name: 155160-Spring Valley Middle School (SVA)**

Enclosed are the results of analyses for samples received by the laboratory on 03/03/17 11:20. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a light gray rectangular background.

**Dan Verdon**  
**Laboratory Director**

CA ELAP Certification #: 2564

Client Name: H. M. Pitt Labs, Inc.  
Project Name: 155160-Spring Valley Middle School (SVA)

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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
310-001 Building 1 Kitchen Large Sink	17C0102-01	Drinking Water	03/03/17 09:20	03/03/17 11:20
310-002 Building 14 Classroom 35A Drinking Fountain	17C0102-02	Drinking Water	03/03/17 09:25	03/03/17 11:20
310-003 Building 7 Outside Boys Gym Drinking Fountain	17C0102-03	Drinking Water	03/03/17 09:30	03/03/17 11:20

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Client Name: H. M. Pitt Labs, Inc.  
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### Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>310-001 Building 1 Kitchen Large Sink (17C0102-01) Drinking Water    Sampled: 03/03/17 09:20    Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030866	03/08/17	03/14/17	EPA 200.8	
<b>310-002 Building 14 Classroom 35A Drinking Fountain (17C0102-02) Drinking Water    Sampled: 03/03/17 09:25    Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030866	03/08/17	03/10/17	EPA 200.8	
<b>310-003 Building 7 Outside Boys Gym Drinking Fountain (17C0102-03) Drinking Water    Sampled: 03/03/17 09:30    Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030867	03/08/17	03/10/17	EPA 200.8	

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**Total Metals by EPA 200 Series Methods - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030866**

<b>Blank (7030866-BLK1)</b>				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	ND	0.005	mg/l							
<b>LCS (7030866-BS1)</b>				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.052	0.005	mg/l	0.0500		104	85-115			
<b>LCS Dup (7030866-BSD1)</b>				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.050	0.005	mg/l	0.0500		100	85-115	5	20	
<b>Duplicate (7030866-DUP1)</b>				Source: 17C0060-03 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.010	0.005	mg/l		0.010			5	20	
<b>Matrix Spike (7030866-MS1)</b>				Source: 17C0060-03 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.063	0.005	mg/l	0.0500	0.010	107	70-130			
<b>Matrix Spike (7030866-MS2)</b>				Source: 17C0098-01 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.054	0.005	mg/l	0.0500	0.0008	107	70-130			
<b>Matrix Spike Dup (7030866-MSD1)</b>				Source: 17C0060-03 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.067	0.005	mg/l	0.0500	0.010	114	70-130	6	20	

**Batch 7030867**

<b>Blank (7030867-BLK1)</b>				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	ND	0.005	mg/l							
<b>LCS (7030867-BS1)</b>				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.052	0.005	mg/l	0.0500		104	85-115			

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**Total Metals by EPA 200 Series Methods - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7030867</b>										
<b>LCS Dup (7030867-BSD1)</b>				Prepared: 03/08/17 Analyzed: 03/13/17						
Lead	0.051	0.005	mg/l	0.0500		101	85-115	3	20	
<b>Duplicate (7030867-DUP1)</b>				Source: 17C0116-01 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.0009	0.005	mg/l		0.0009			1	20	
<b>Matrix Spike (7030867-MS1)</b>				Source: 17C0116-01 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.050	0.005	mg/l	0.0500	0.0009	98	70-130			
<b>Matrix Spike (7030867-MS2)</b>				Source: 17C0195-01 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.052	0.005	mg/l	0.0500	0.002	100	70-130			
<b>Matrix Spike Dup (7030867-MSD1)</b>				Source: 17C0116-01 Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.052	0.005	mg/l	0.0500	0.0009	102	70-130	4	20	

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### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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17C0102  
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 #: \_\_\_\_\_  
 Client: HM P-H LABS  
 Attn: LOUIS LUSICK  
 Samplers(s): LOUIS LUSICK  
 Address: 4901 MORNAN BLVD SUITE 203  
 SD CA 92117  
 Phone: 619 474 8543  
 Email: LLUSICK@HMPHLABS.COM  
 Billing Address: SA MC  
 Project ID: 155160 - Spring Valley Middle School (SVA)  
 Project #: \_\_\_\_\_ PO #: \_\_\_\_\_

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	310-001 Building 1	3-3	9:20	DW VP	VP
2	Kitchen Large Sink				
3	310-002 Building 14 Kitchen	3-3	9:25	DW VP	VP
4	3SA Drinking Fountain				
5	310-003 Building 7 outside Boys	3-3	9:30	DW VP	VP
6	Gym Drinking Fountain				
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  Geotracker/EDF  Hard Copy  EDT  
 Sample Disposal:  By Laboratory  Return to Client: PU or Delivery  Archive  
 Sample Integrity  
 Correct Containers:  Yes  No N/A  
 Custody Seals Intact: Yes  No  N/A  
 COC/Labels Agree:  Yes  No N/A  
 Containers Property Preserved:  Yes  No N/A  
 Temp @ Receipt: 10°C  
 Sampled By: Client EMA Autosampler

Requested Analysis		RELINQUISHED BY	DATE/TIME	RECEIVED BY
<input type="checkbox"/> Oil & Grease <input type="checkbox"/> 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> 1664	<input type="checkbox"/> 8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext	Signature: _____ Print: LOUIS LUSICK Company: HM P-H LABS	3-3-17 11:20	Signature: _____ Print: M. K. Mager Company: EMA
<input type="checkbox"/> 624/8260 (VOC) Full BTXE MTBE Oxy Nap	<input type="checkbox"/> 625 / 8270 (SVOC) <input type="checkbox"/> PAH only			
<input type="checkbox"/> 608 / 8081 (Organochlorine Pesticides)	<input type="checkbox"/> 608 / 8082 (Polychlorinated Biphenyls)			
<input type="checkbox"/> 8141 (Organophosphorus Pesticides)	<input type="checkbox"/> TBT (Organotin Compounds)			
<input type="checkbox"/> pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS	<input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3			
<input type="checkbox"/> CAC Title 22/CAM17 Metals <input type="checkbox"/> TLC <input type="checkbox"/> STLC	<input type="checkbox"/> TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics			
<input type="checkbox"/> 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	<input type="checkbox"/> Coliform, <input type="checkbox"/> Total (MTF) <input type="checkbox"/> Fecal (MTF)			
<input type="checkbox"/> Coliform, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration	<input type="checkbox"/> Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolert			
<input type="checkbox"/> Heterotrophic Plate Count (HPC)	<input type="checkbox"/> BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide			

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.