



14 March 2017

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

**EMA Log #: 17C0099**

**Project Name: 155157-Highlands Elementary**

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 faint horizontal line.

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

CA ELAP Certification #: 2564

Client Name: H. M. Pitt Labs, Inc.  
Project Name: 155157-Highlands Elementary

EMA Log #: 17C0099

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
330-001 Building 1 Kitchen Sink	17C0099-01	Drinking Water	03/03/17 08:20	03/03/17 11:20
330-002 Outside between boys & Girls RR Drinking Fountain	17C0099-02	Drinking Water	03/03/17 08:25	03/03/17 11:20
330-003 Building 7 Classroom 5 Drinking Fountain	17C0099-03	Drinking Water	03/03/17 08:30	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.  
Project Name: 155157-Highlands Elementary

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### Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>330-001 Building 1 Kitchen Sink (17C0099-01) Drinking Water Sampled: 03/03/17 08:20 Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030866	03/08/17	03/13/17	EPA 200.8	
<b>330-002 Outside between boys &amp; Girls RR Drinking Fountain (17C0099-02) Drinking Water Sampled: 03/03/17 08:25 Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030866	03/08/17	03/13/17	EPA 200.8	
<b>330-003 Building 7 Classroom 5 Drinking Fountain (17C0099-03) Drinking Water Sampled: 03/03/17 08:30 Received: 03/03/17 11:20</b>									
Lead	ND	0.005	mg/l	1	7030866	03/08/17	03/13/17	EPA 200.8	

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EnviroMatrix Analytical, Inc.



Client Name: H. M. Pitt Labs, Inc.  
 Project Name: 155157-Highlands Elementary

EMA Log #: 17C0099

**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 7030866</b>										
<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	

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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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17C0099  
CHAIN-OF-CUSTODY RECORD

**EnviroMatrix Analytical, Inc.**

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

**EMA LOG #:** 17C0099

**Client:** HM P&H Labs

**Attn:** Louis Luvick

**Samplers(s):** Louis Luvick

**Address:** 4901 Moscone Blvd Suite 203

**SD:** CA 92117

**Phone:** 619 474 8543

**Email:** luvick@hmpahlabs.com

**Billing Address:** SA MC

**Project ID:** 155157 - Highlands Elementary

**Project #:**     

**PO #:**     

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	330-601 Building 1	3-3	8:20	DW	VP
2	Kitchen Sink				
3	330-602 outside shower	3-3	8:25	DW	VP
4	6045 A Girls RP Drinking Fountain				
5	330-603 Building 7	3-3	8:30	DW	VP
6	Classroom 5 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  Geotacker/EDF  Hard Copy  EDT

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

**Sample Integrity**

Correct Containers:  No  N/A

Custody Seals Intact: Yes  No  N/A

COC/Labels Agree:  No  N/A

Containers Properly Preserved:  Yes  No  N/A

Temp @ Receipt: 10°C

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>Louis Luvick</u>	3-3-17	Signature: <u>Mike Meyer</u>
8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext		Print: <u>Louis Luvick</u>	11:00	Print: <u>Mike Meyer</u>
624/8260 (VOC) Full BTXE MTBE Oxy Nap		Company: <u>HM P&amp;H Labs</u>		Company: <u>EMA</u>
625 / 8270 (SVOC) <input type="checkbox"/> PAH only		Signature: <u>    </u>		Signature: <u>    </u>
608 / 8081 (Organochlorine Pesticides)		Print: <u>    </u>		Print: <u>    </u>
608 / 8082 (Polychlorinated Biphenyls)		Company: <u>    </u>		Company: <u>    </u>
8141 (Organophosphorus Pesticides)		Signature: <u>    </u>		Signature: <u>    </u>
TBT (Organotin Compounds)		Print: <u>    </u>		Print: <u>    </u>
pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS		Company: <u>    </u>		Company: <u>    </u>
Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3		Signature: <u>    </u>		Signature: <u>    </u>
CAC Title 22/CAM17 Metals <input type="checkbox"/> TLC <input type="checkbox"/> STLC		Print: <u>    </u>		Print: <u>    </u>
TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics		Company: <u>    </u>		Company: <u>    </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	<input checked="" type="checkbox"/>	Signature: <u>    </u>		Signature: <u>    </u>
Coliform, <input type="checkbox"/> Total (MTF) <input type="checkbox"/> Fecal (MTF)		Print: <u>    </u>		Print: <u>    </u>
Coliform, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration		Company: <u>    </u>		Company: <u>    </u>
Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolent		Signature: <u>    </u>		Signature: <u>    </u>
Heterotrophic Plate Count (HPC)		Print: <u>    </u>		Print: <u>    </u>
BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide		Company: <u>    </u>		Company: <u>    </u>

**Project/Sample Comments:**

*(Additional handwritten notes and signatures would appear here)*

<sup>1</sup>Additional costs may apply. Please note there is a \$35 minimum charge for all clients.  
<sup>2</sup>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.