



07 March 2017

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

EMA Log #: 17C0016

Project Name: 155084/Murray Manor Elementary

Enclosed are the results of analyses for samples received by the laboratory on 03/01/17 12:40. 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, illegible stamp.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: H. M. Pitt Labs, Inc.
Project Name: 155084/Murray Manor Elementary

EMA Log #: 17C0016

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
-140-001 Building 1 Kitchen Sink	17C0016-01	Drinking Water	03/01/17 08:15	03/01/17 12:40
-140-002 Building 5 Room 10 Drinking Fountain	17C0016-02	Drinking Water	03/01/17 08:30	03/01/17 12:40
-140-003 Building 1 Outside Across from MPR Drinking Fountain	17C0016-03	Drinking Water	03/01/17 08:20	03/01/17 12:40

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: 155084/Murray Manor Elementary

EMA Log #: 17C0016

Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-140-001 Building 1 Kitchen Sink (17C0016-01) Drinking Water Sampled: 03/01/17 08:15 Received: 03/01/17 12:40									
Lead	ND	0.005	mg/l	1	7030309	03/03/17	03/03/17	EPA 200.8	
-140-002 Building 5 Room 10 Drinking Fountain (17C0016-02) Drinking Water Sampled: 03/01/17 08:30 Received: 03/01/17 12:40									
Lead	ND	0.005	mg/l	1	7030644	03/06/17	03/06/17	EPA 200.8	
-140-003 Building 1 Outside Across from MPR Drinking Fountain (17C0016-03) Drinking Water Sampled: 03/01/17 08:20 Received: 03/01/17									
Lead	ND	0.005	mg/l	1	7030644	03/06/17	03/06/17	EPA 200.8	

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EnviroMatrix Analytical, Inc.



Client Name: H. M. Pitt Labs, Inc.
 Project Name: 155084/Murray Manor Elementary

EMA Log #: 17C0016

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 7030309

Blank (7030309-BLK1) Prepared & Analyzed: 03/03/17

Lead	ND	0.005	mg/l							
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LCS (7030309-BS1) Prepared & Analyzed: 03/03/17

Lead	0.046	0.005	mg/l	0.0500		93	85-115			
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LCS Dup (7030309-BSD1) Prepared: 03/03/17 Analyzed: 03/06/17

Lead	0.048	0.005	mg/l	0.0500		96	85-115	3	20	
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Duplicate (7030309-DUP1) Source: 17C0015-01 Prepared & Analyzed: 03/03/17

Lead	0.0003	0.005	mg/l		0.0003			0	20	
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Matrix Spike (7030309-MS1) Source: 17C0015-01 Prepared & Analyzed: 03/03/17

Lead	0.048	0.005	mg/l	0.0500	0.0003	95	70-130			
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Matrix Spike (7030309-MS2) Source: 17C0016-01 Prepared: 03/03/17 Analyzed: 03/06/17

Lead	0.050	0.005	mg/l	0.0500	0.0008	99	70-130			
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Matrix Spike Dup (7030309-MSD1) Source: 17C0015-01 Prepared & Analyzed: 03/03/17

Lead	0.048	0.005	mg/l	0.0500	0.0003	96	70-130	1	20	
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Batch 7030644

Blank (7030644-BLK1) Prepared & Analyzed: 03/06/17

Lead	ND	0.005	mg/l							
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LCS (7030644-BS1) Prepared & Analyzed: 03/06/17

Lead	0.048	0.005	mg/l	0.0500		96	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
Batch 7030644										
LCS Dup (7030644-BSD1)				Prepared & Analyzed: 03/06/17						
Lead	0.048	0.005	mg/l	0.0500		96	85-115	0.3	20	
Duplicate (7030644-DUP1)				Source: 17C0019-01 Prepared & Analyzed: 03/06/17						
Lead	0.0005	0.005	mg/l		0.0005			0	20	
Matrix Spike (7030644-MS1)				Source: 17C0019-01 Prepared & Analyzed: 03/06/17						
Lead	0.050	0.005	mg/l	0.0500	0.0005	98	70-130			
Matrix Spike (7030644-MS2)				Source: 17C0060-01 Prepared & Analyzed: 03/06/17						
Lead	0.049	0.005	mg/l	0.0500	0.0006	97	70-130			
Matrix Spike Dup (7030644-MSD1)				Source: 17C0019-01 Prepared & Analyzed: 03/06/17						
Lead	0.049	0.005	mg/l	0.0500	0.0005	98	70-130	0.4	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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4340 Viewridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

EMALOG #: _____

Client: HM PAH LABS
Attn: LOUIS LUIK
Samplers(s): LOUIS LUIK
Address: 1901 Melena Blvd Suite 203
 SD CA 92117
Phone: 619-424-8548 Fax: 619 424 6128
Email: lluiuk@hm-pah-labs.com
Billing Address: SA Max

Project ID: 155084 - mvinj Mathol Elementary
Project #: _____ **PO #:** _____

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	140-001 Building 1	3-1	8:15	DW	VP
2	Kitchen sink				
3	140-002 Building 5	3-1	8:20	DW	VP
4	Room 10 Drunksis Fountain				
5	140-003 Building 1	3-1	8:20	DW	VP
6	outside access from MPR 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 7 day (RSTD)

Reporting Requirements: Fax PDF Excel Geotracker/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: No N/A
 Temp @ Receipt: 10 C (10 C)
 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: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
624/8260 (VOC) Full BTX MTBE Oxy Nap	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
625 / 8270 (SVOC) <input type="checkbox"/> PAH only	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
608 / 8081 (Organochlorine Pesticides)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
608 / 8082 (Polychlorinated Biphenyls)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
8141 (Organophosphorus Pesticides)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
TBT (Organotin Compounds)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
CAC Title 22/CAM17 Metals <input type="checkbox"/> TTLC <input type="checkbox"/> STLC	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
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: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
Coliform, <input type="checkbox"/> Total (MTF) <input type="checkbox"/> Fecal (MTF)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
Collet, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolent	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
Heterotrophic Plate Count (HPC)	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____
BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide	Signature: _____ Print: _____ Company: _____		Signature: _____ Print: _____ Company: _____

*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.