



08 March 2017

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

EMA Log #: 17C0018

Project Name: 155086/Fletcher Hills 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 horizontal line.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: H. M. Pitt Labs, Inc.
Project Name: 155086/Fletcher Hills Elementary

EMA Log #: 17C0018

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
-130-001 Building 1 Kitchen Sink	17C0018-01	Drinking Water	03/01/17 09:10	03/01/17 12:40
-130-002 Building 4 Next to Room 9 Outside Drinking Fountain	17C0018-02	Drinking Water	03/01/17 09:15	03/01/17 12:40
-130-003 Building 3 Room 11 Classroom Drinking Fountain	17C0018-03	Drinking Water	03/01/17 09:20	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.
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EMA Log #: 17C0018

Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-130-001 Building 1 Kitchen Sink (17C0018-01) Drinking Water Sampled: 03/01/17 09:10 Received: 03/01/17 12:40									
Lead	ND	0.005	mg/l	1	7030644	03/06/17	03/06/17	EPA 200.8	
-130-002 Building 4 Next to Room 9 Outside Drinking Fountain (17C0018-02) Drinking Water Sampled: 03/01/17 09:15 Received: 03/01/17 12:40									
Lead	ND	0.005	mg/l	1	7030644	03/06/17	03/06/17	EPA 200.8	
-130-003 Building 3 Room 11 Classroom Drinking Fountain (17C0018-03) Drinking Water Sampled: 03/01/17 09:20 Received: 03/01/17 12:40									
Lead	ND	0.005	mg/l	1	7030644	03/06/17	03/06/17	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
Batch 7030644										
Blank (7030644-BLK1)				Prepared & Analyzed: 03/06/17						
Lead	ND	0.005	mg/l							
LCS (7030644-BS1)				Prepared & Analyzed: 03/06/17						
Lead	0.048	0.005	mg/l	0.0500		96	85-115			
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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CHAIN-OF-CUSTODY RECORD

1700018



Page ___ of ___

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

EMALOG #: 1700018

Client: **H.M. P.H. Labs**
 Attn: **Louis Luick**
 Samplers(s): **Louis Luick**
 Address: **4901 Morano Blvd Suite 203**
SD CA 92117
 Phone: **619-474-8548** Fax: **619-474-6123**
 Email: **luick@hmlabs.com**
 Billing Address: **Same**

Project ID: **15024** - **Fletcher Hills Elementary**
 Project #: _____ PO #: _____

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	-130-001 Building 1	3-1	9:10	DW	YP
2	Kitchen sink				
3	-130-002 Building 4	3-1	9:15	DW	YP
4	Next to Room 4 Outside Drinking Fountain				
5					
7	-130-003 Building 3	3-1	9:20	DW	YP
8	Room 11 Children Drinking Fountain				
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

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: Yes No N/A
 Custody Seals Intact: Yes No N/A
 COC/Labels Agreed: Yes No N/A

Containers Properly Preserved: Yes No N/A
Temp @ Receipt: I.C. C.O.C.

Sampled By: Client EMA Autosampler

Requested Analysis

<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	<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 T1017 Metals <input type="checkbox"/> TLLC <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, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration	<input type="checkbox"/> Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolent	<input type="checkbox"/> Heterotrophic Plate Count (HPC)	<input type="checkbox"/> BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide
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RELINQUISHED BY
 Signature: **K. Luick**
 Print: **K. Luick**
 Company: **H.M. P.H. Labs**

RECEIVED BY
 Signature: **Emma Mayer**
 Print: **Emma Mayer**
 Company: **EMA**

DATE/TIME: **3/1/17 13:40**

Project/Sample Comments:

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.