



14 March 2017

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

EMA Log #: 17C0196

Project Name: 155207-Rancho

Enclosed are the results of analyses for samples received by the laboratory on 03/07/17 10:10. 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

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
460-001 Building 5 Kitchen Sink Large	17C0196-01	Drinking Water	03/07/17 07:45	03/07/17 10:10
460-002 Building 2 Classroom 8 Drinking Fountain	17C0196-02	Drinking Water	03/07/17 07:50	03/07/17 10:10
460-003 Building 4 Outside between K-1 and K-2 Drinking Fountain	17C0196-03	Drinking Water	03/07/17 07:55	03/07/17 10:10

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.

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Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
460-001 Building 5 Kitchen Sink Large (17C0196-01) Drinking Water Sampled: 03/07/17 07:45 Received: 03/07/17 10:10									
Lead	ND	0.005	mg/l	1	7030867	03/08/17	03/10/17	EPA 200.8	
460-002 Building 2 Classroom 8 Drinking Fountain (17C0196-02) Drinking Water Sampled: 03/07/17 07:50 Received: 03/07/17 10:10									
Lead	ND	0.005	mg/l	1	7030867	03/08/17	03/10/17	EPA 200.8	
460-003 Building 4 Outside between K-1 and K-2 Drinking Fountain (17C0196-03) Drinking Water Sampled: 03/07/17 07:55 Received: 03/07/17 10:10									
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
Batch 7030867										
Blank (7030867-BLK1)				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	ND	0.005	mg/l							
LCS (7030867-BS1)				Prepared: 03/08/17 Analyzed: 03/10/17						
Lead	0.052	0.005	mg/l	0.0500		104	85-115			
LCS Dup (7030867-BSD1)				Prepared: 03/08/17 Analyzed: 03/13/17						
Lead	0.051	0.005	mg/l	0.0500		101	85-115	3	20	
Duplicate (7030867-DUP1)				Source: 17C0116-01		Prepared: 03/08/17 Analyzed: 03/10/17				
Lead	0.0009	0.005	mg/l		0.0009			1	20	
Matrix Spike (7030867-MS1)				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			
Matrix Spike (7030867-MS2)				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			
Matrix Spike Dup (7030867-MSD1)				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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17C0196
CHAIN-OF-CUSTODY RECORD



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

EMA LOG #: _____
 Client: HM P:4 LABS
 Attn: LOUIS LUIK
 Samplers(s): LOUIS LUIK
 Address: 4901 Marlene Blvd Suite 203
SAN DIEGO CA 92117
 Phone: 619-474-8548 Fax: _____
 Email: lluike@hmp4labs.com
 Billing Address: Same

Project ID: 155207-RANCHES PO #: _____
 Project #: _____

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	46001 Building 5 Kitchen	3-7-17	745	DW	VP
2	SINK LARGE				
3	46002 Building 2 Classroom	3-7-17	750	DW	VP
4	Drinking Fountain				
5	46003 Building 4 outside	3-7-17	755	DW	VP
6	between k-1 and k-2				
7	Drinking Fountain				
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: P/U or Delivery Archive

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: _____	3-7-17	Signature: _____ Print: _____ Company: _____
8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext	Signature: _____ Print: _____ Company: _____	10-10	Signature: _____ Print: _____ Company: _____
62/4/8260 (VOC) Full BTXE 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"/> TLLC <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"/> Enterolert	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: _____

Correct Containers: No N/A
 Custody Seals Intact: Yes No N/A
 COC/Labels Agree: No N/A
 Project/Sample Comments: _____
 Containers Properly Preserved: No N/A
 Temp @ Receipt: 10 C over
 Sampled By: Client EMA Autosampler

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.