



15 March 2017

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

EMA Log #: 17C0101

Project Name: 155159-Casa De Oro 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 light gray rectangular background.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

Client Name: H. M. Pitt Labs, Inc.
Project Name: 155159-Casa De Oro Elementary

EMA Log #: 17C0101

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--|---------------|----------------|----------------|----------------|
| 320-001 Building 3 Kitchen Sink | 17C0101-01 | Drinking Water | 03/03/17 09:00 | 03/03/17 11:20 |
| 320-002 Building 7 Outside Room 16 Drinking Fountain | 17C0101-02 | Drinking Water | 03/03/17 09:05 | 03/03/17 11:20 |
| 320-003 P1 Classroom 20 Drinking Fountain | 17C0101-03 | Drinking Water | 03/03/17 08:10 | 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 |
|--|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| 320-001 Building 3 Kitchen Sink (17C0101-01) Drinking Water Sampled: 03/03/17 09:00 Received: 03/03/17 11:20 | | | | | | | | | |
| Lead | ND | 0.005 | mg/l | 1 | 7030866 | 03/08/17 | 03/13/17 | EPA 200.8 | |
| 320-002 Building 7 Outside Room 16 Drinking Fountain (17C0101-02) Drinking Water Sampled: 03/03/17 09:05 Received: 03/03/17 11:20 | | | | | | | | | |
| Lead | ND | 0.005 | mg/l | 1 | 7030866 | 03/08/17 | 03/14/17 | EPA 200.8 | |
| 320-003 P1 Classroom 20 Drinking Fountain (17C0101-03) Drinking Water Sampled: 03/03/17 08:10 Received: 03/03/17 11:20 | | | | | | | | | |
| Lead | ND | 0.005 | mg/l | 1 | 7030866 | 03/08/17 | 03/14/17 | EPA 200.8 | |

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Client Name: H. M. Pitt Labs, Inc.
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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 7030866 | | | | | | | | | | |
| Blank (7030866-BLK1) | | | | Prepared: 03/08/17 Analyzed: 03/10/17 | | | | | | |
| Lead | ND | 0.005 | mg/l | | | | | | | |
| LCS (7030866-BS1) | | | | Prepared: 03/08/17 Analyzed: 03/10/17 | | | | | | |
| Lead | 0.052 | 0.005 | mg/l | 0.0500 | | 104 | 85-115 | | | |
| LCS Dup (7030866-BSD1) | | | | Prepared: 03/08/17 Analyzed: 03/10/17 | | | | | | |
| Lead | 0.050 | 0.005 | mg/l | 0.0500 | | 100 | 85-115 | 5 | 20 | |
| Duplicate (7030866-DUP1) | | | | Source: 17C0060-03 | | Prepared: 03/08/17 Analyzed: 03/10/17 | | | | |
| Lead | 0.010 | 0.005 | mg/l | | 0.010 | | | 5 | 20 | |
| Matrix Spike (7030866-MS1) | | | | 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 | | | |
| Matrix Spike (7030866-MS2) | | | | 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 | | | |
| Matrix Spike Dup (7030866-MSD1) | | | | 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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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 Pih Labs
 Attn: Lewis Luvick
 Samplers(s): Lewis Luvick
 Address: 4901 Morongo Blvd Suite 203
 SD CA 92117
 Phone: 619 474 8548
 Email: lluvick@hmpihlabs.com
 Billing Address: SA MC

Project ID: 155159-CASA de Oro Elementary
 Project #:
 PO #:

| ID # | Client Sample ID | Sample Date | Sample Time | Sample Matrix | Container # / Type |
|------|----------------------------|-------------|-------------|---------------|--------------------|
| 1 | 320-001 Building 3 | 3-3 | 9:00 | DW | 1/P |
| 2 | Kokolan Sink | | | | |
| 3 | 320-002 Building 7 outside | 3-3 | 9:45 | DW | 1/P |
| 4 | Room 16 Drinking Fountain | | | | |
| 5 | 320-003 Pl. Casagran 20 | 3-3 | 8:10 | DW | 1/P |
| 6 | 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: 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 Agree: Yes No N/A
 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: Lewis Luvick | 3-3-17 | Signature: M. M. M. |
| 8015 (TPH) <input type="checkbox"/> Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Ext | | Print: Lewis Luvick | 11:20 | Print: M. M. M. |
| 624/8260 (VOC) Full BTX MTBE Oxy Nap | | Company: HM Pih Labs | | Company: EMA |
| 625 / 8270 (SVOC) <input type="checkbox"/> PAH only | | Signature: Lewis Luvick | | Signature: M. M. M. |
| 608 / 8081 (Organochlorine Pesticides) | | Print: Lewis Luvick | | Print: M. M. M. |
| 608 / 8082 (Polychlorinated Biphenyls) | | Company: HM Pih Labs | | Company: EMA |
| 8141 (Organophosphorus Pesticides) | | Signature: Lewis Luvick | | Signature: M. M. M. |
| TBT (Organotin Compounds) | | Print: Lewis Luvick | | Print: M. M. M. |
| pH <input type="checkbox"/> EC <input type="checkbox"/> TSS <input type="checkbox"/> TDS | | Company: HM Pih Labs | | Company: EMA |
| Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> TKN <input type="checkbox"/> NH3 | | Signature: Lewis Luvick | | Signature: M. M. M. |
| CAC Title 22/CAM17 Metals <input type="checkbox"/> TLC <input type="checkbox"/> STLC | | Print: Lewis Luvick | | Print: M. M. M. |
| TCLP (RCRA) <input type="checkbox"/> Metals <input type="checkbox"/> Organics | | Company: HM Pih Labs | | Company: EMA |
| 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: Lewis Luvick | | Signature: M. M. M. |
| Coliform, <input type="checkbox"/> Total (MTF) <input type="checkbox"/> Fecal (MTF) | | Print: Lewis Luvick | | Print: M. M. M. |
| Coli, T+E, Coli <input type="checkbox"/> P/A <input type="checkbox"/> Enumeration | | Company: HM Pih Labs | | Company: EMA |
| Enterococcus, <input type="checkbox"/> MTF <input type="checkbox"/> Enterolent | | Signature: Lewis Luvick | | Signature: M. M. M. |
| Heterotrophic Plate Count (HPC) | | Print: Lewis Luvick | | Print: M. M. M. |
| BOD <input type="checkbox"/> COD <input type="checkbox"/> Cyanide | | Company: HM Pih Labs | | Company: EMA |

*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.