

**LANEY COLLEGE TITLE IX LOCKER ROOM RENOVATION PROJECT**

**ADDENDUM ONE**

**RFP NO. 19-20/11**

**Peralta Community College District**

LANEY COLLEGE TITLE IX LOCKER ROOM RENOVATION PROJECT  
Laney College 900 Fallon Street, Oakland CA 94607

**Information**

1. Mandatory information meeting is rescheduled for Friday, October 16, 2020 at 10:00 AM instead of Thursday, October 15, 2020 at 2:00 PM. The meeting will be conducted online at Microsoft Teams, updated meeting invites will sent out to all qualified DBEs shortly.
2. See attached reference document, Hazardous Building Material (Hazmat) Report issued on October 8, 2020.

**END OF DOCUMENT**

**HAZARDOUS BUILDING MATERIAL SURVEY REPORT  
LOCKER ROOMS TITLE IX PROJECT  
LANEY COLLEGE  
OAKLAND, CALIFORNIA**

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*Prepared for*

Peralta Community College District  
Laney College Locker Room Renovation Project  
900 Fallon Street Oakland, California 94607

*Prepared by*

Terraphase Engineering Inc.  
1404 Franklin Street, Suite 600  
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October 8, 2020

Project Number: 0034.012.001



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- A Laboratory Report and Chain-of-Custody Documentation
- B Photographic Log
- C Inspector Certifications
- D CDPH Form 8552

## ACRONYMS AND ABBREVIATIONS

|                    |  |
|--------------------|--|
| ACM                | asbestos-containing material                             |
| ACCM               | asbestos-containing construction material                |
| AQMD               | Air Quality Management District                          |
| CAC                | Certified Asbestos Consultant                            |
| Cal/OSHA           | California Occupational Safety and Health Administration |
| CDPH               | California Department of Public Health                   |
| DTSC               | Department of Toxic Substances Control                   |
| Eurofins           | Eurofins EMLab P&K Laboratory                            |
| HBMS               | Hazardous Building Material Survey                       |
| HUD                | Housing and Urban Development                            |
| HVAC               | heating, ventilation, and air conditioning               |
| LBP                | lead-based paint   |
| LCP                | lead-containing paint                                    |
| mg/cm <sup>2</sup> | milligrams per square centimeter                         |
| mg/L               | milligrams per liter                                     |
| NESHAP             | National Emissions Standard for Hazardous Air Pollutants |
| OSHA               | Occupational Safety and Health Administration            |
| PCB                | polychlorinated biphenyl                                 |
| PE                 | Professional Engineer                                    |
| PG                 | Professional Geologist                                   |
| PLM                | polarized light microscopy                               |
| PLM/DS             | PLM with Dispersion Staining                             |
| the Site           | Building 54, Lawrence Berkeley National Laboratory       |
| Terraphase         | Terraphase Engineering Inc.                              |

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## CERTIFICATION

The information, conclusions, and recommendations in this document have been reviewed by a California Certified Asbestos Consultant and/or Lead-Related Contractor Inspector/Assessor.



10/8/20

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Salvador Mendoza, PG, CAC  
Certified Asbestos Consultant, No. 03-3386  
CDPH Lead Inspector/Assessor, No. 00000496

Date

This report was reviewed and approved by:



10/8/20

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Daren Roth, CSST  
Associate Geologist  
Certified Site Surveillance Technician, No. 05-3731

Date



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## RECORD OF REVISIONS

| Revision Number | Description | Date |
|-----------------|-------------|------|
|                 |             |      |

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## EXECUTIVE SUMMARY

Terraphase Engineering Inc. was retained by the Peralta Community College District to prepare this Hazardous Building Material Survey Report for the Locker Rooms Title IX Project (men's and women's locker rooms; "the Site"), associated with Laney College located at 900 Fallon Street in Oakland, California (Figures 1 and 2).

The hazardous building materials survey (HBMS) was conducted on August 26, 2020 in support of the upcoming locker room renovation project and included the assessment of potential asbestos-containing materials (ACMs), lead-based paints (LBPs), polychlorinated biphenyls (PCBs), mold, and other universal waste. The results of the survey are summarized below.

### Asbestos Survey Results

The following materials were reported by the laboratory as containing asbestos:

- The white texture associated with the interior gypsum walls was reported by the laboratory as containing between 0.75% and 1.25% asbestos by point count analysis. Based on EPA's round down rule, the result of 1.25% asbestos may be rounded down to 1%. The texture was observed to be in good condition and is classified as an asbestos-containing construction material (ACCM).
- The tan coating applied to the black HVAC vibration dampers was reported by the laboratory as containing between 2.75% and 3.25% asbestos. The coating was observed to be in good condition and is classified as a Category II non-friable ACM.

The remaining samples that were collected as part of Terraphase's assessment were reported by the laboratory as not containing asbestos.

### Lead Survey Results

The following painted building components were identified as containing lead.

- Beige paint applied to the interior concrete walls was reported by the laboratory as containing 710 parts per million (ppm) lead, was observed to be intact, and is classified as a lead-containing paint (LCP).
- Black paint applied to the interior metal door frame was reported by the laboratory as containing 770 ppm lead, was observed to be intact, and is classified as a LCP.
- White paint applied to the interior metal door was reported by the laboratory as containing 400 ppm lead, was observed to be intact, and is classified as a LCP.
- White paint applied to the interior plaster walls was reported by the laboratory as containing 550 ppm lead, was observed to be intact, and is classified as a LCP.

- White paint applied to the interior metal ducting system was reported by the laboratory as containing 290 ppm lead, was observed to be intact, and is classified as a LCP.

The remaining samples that were collected as part of Terraphase's assessment were identified as not containing lead above the laboratories reporting limit.

## **Polychlorinated Biphenyls Results**

Analysis of the bulk sample collected as part of this assessment indicated that the sample does not contain greater than 50 mg/kg PCBs. As a result, regulated PCBs do not appear to be present at the Site. Suspect PCB-containing ballasts were not observed during Terraphase's survey.

## **Universal Waste**

The following Universal Hazardous Waste were assessed during the HMBS.

- Electronic devices: Terraphase did not observe electronic devices during our survey.
- Batteries: Terraphase did not observe batteries during our survey.
- Electric lamps: 1,140 bulbs and tubes were observed at the Site.
- Mercury-containing equipment: Terraphase did not observe mercury-containing equipment during our survey.
- Cathode Ray Tubes (CRT): Terraphase did not observe CRT during our survey.
- Cathode Ray Tubes glass: Terraphase did not observe CRT glass during our survey.
- Non-empty aerosol cans: Propane, Butane, and Pesticides were not observed at the site during Terraphase's assessment.

The following materials were also observed to be present at the Site.

- Two fire extinguishers assumed to contain regulated chemicals.
- Eight exit signs assumed to contain tritium.
- One ice machine containing chlorofluorocarbon for refrigeration in the trainer room.

## **Visual Mold Assessment**

Terraphase did not observe visible mold growth at the time of our assessment. Additionally, Terraphase is not aware of any reported complaints related to mold at the Site.

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## 1.0 INTRODUCTION

Terraphase Engineering Inc. (Terraphase) was retained by the Peralta Community College District to prepare this Hazardous Building Material Survey Report for the Locker Rooms Title IX Project (men's and women's locker rooms; "the Site"), associated with the Laney College located at 900 Fallon Street in Oakland, California (Figures 1 and 2).

The hazardous building materials survey (HBMS) was conducted on August 26, 2020 in support of the upcoming locker room renovation project and included the assessment of potential asbestos-containing materials (ACMs), lead-based paints (LBPs), polychlorinated biphenyls (PCBs), mold, and other universal waste. The visual inspection, bulk sampling, and survey documentation was conducted by Mr. Salvador Mendoza. Mr. Mendoza is a California Occupational Safety and Health Administration (Cal/OSHA) Certified Asbestos Consultant (CAC, certification number 03-3386) and a California Department of Public Health (CDPH) Lead Inspector/Assessor (Lead Related Contractor number 0000496), as required by law.

### 1.1 Site Description

The Locker rooms (men's and women's) are part of a single-story structure located beneath the central plaza. The structure encompasses approximately 16,900 square feet and appears to have been completed circa 1950s. The structure was observed to be in good condition and was constructed with concrete tilt up perimeter walls situated on a concrete slab foundation. Interior finishes included a textured gypsum wall system sheetrock wall system, concrete walls, and suspended ceiling panels throughout. Flooring materials consisted of vinyl non-skid sheet flooring, ceramic floor tiles, and exposed concrete. Exterior finishes included painted concrete walls. The plaza above is also the locker room roof deck and is a flat concrete slab and associated landscaping.

### 1.2 Methodology

#### 1.2.1 Background

Visible, accessible, suspect ACMs, LBPs, and PCBs were identified during a walk-through of the building. The survey included only those areas to which Terraphase's representative was provided access and where Terraphase's representative deemed it safe to enter. Suspect ACMs and PCBs were divided into "homogeneous applications," and building materials were established by Terraphase's representative to be homogeneous based on their color, texture, and age. The bulk paint chip samples were collected from predominate paint types and assessed for lead content. Terraphase's representative collected bulk samples at the Site and submitted these samples to an accredited laboratory for asbestos, lead, and PCB analysis.

Terraphase also conducted a visual assessment to identify universal waste (UW), including but not limited to, lighting fixtures suspected to contain PCBs in ballasts (without dismantling the light fixtures), mercury-containing light tubes, non-incandescent lamps, mercury-containing thermostat switches, electronic wastes, chlorofluorocarbons, and other UW. UWs were



identified by entering each area and making visual observations and notations. The locations, categories, and total quantity of universal waste were noted and photographed.

### 1.2.2 Assessment

Assessment of a material's condition included, among other factors, area occupancy and use, existing damage, and potential for damage. Evaluation of a material's potential for damage included an evaluation of the position of the material in relation to movable objects and the material's friability.

### 1.2.3 Sample Collection

Terraphase's representative collected bulk samples of suspect ACMs, LBPs, and PCBs from several homogeneous applications. ACMs are described in Table 1, suspected LBPs are described in Table 2, and PCBs are described in Table 3 with the UWs. Figure 1 depicts the general building layout and approximate ACM, LBPs, and PCB sampling locations. Bulk samples of various suspect ACMs, LBPs, and PCBs were placed in airtight plastic bags and/or glass jars for transport to the laboratory. Each sample collected by Terraphase personnel was assigned its own unique identification number, which was recorded on the sample container and the bulk sample forms. The samples were collected, transported, analyzed, and stored under chain-of-custody protocols.

## 1.3 Analytical Methods

The samples were submitted to Eurofins EMLab P&K (Eurofins) in Irvine, California, for analysis. Eurofins holds United States Environmental Protection Agency (U.S. EPA) certification through the National Institute for Standards and Technology National Voluntary Laboratory Accreditation Program for polarized light microscopy (PLM) analysis along with the American Industrial Hygiene Association accreditation. Copies of the bulk sample laboratory analysis results and chain-of-custody documentation are provided in Appendix A.

### 1.3.1 Asbestos

Material identification was performed using PLM with Dispersion Staining (PLM/DS) in accordance with the U.S. EPA's "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" as found in 40 CFR, Part 763, subpart F, Appendix A (EPA/600/R-93/116). Percentage estimates of each material's components are based on the analyst's best judgment following PLM/DS analysis and examination with a stereoscope.

For building materials identified by the laboratory as containing low percentages of asbestos (i.e., <10% or less) an additional analytical method called Point Counting (PC) may be employed. PC supersedes PLM analysis and is often used to confirm that a material contains 1% or less asbestos. A sample in which no asbestos is detected by PLM does not have to be point counted. A list of the asbestos bulk samples collected by Terraphase's California Occupational Safety and Health Administration (Cal/OSHA) Certified Asbestos Consultant and are presented in Table 1.

### 1.3.2 Lead

The LBP survey consisted of a site investigation to identify painted surfaces suspected of containing lead. Bulk samples were analyzed using Flame Atomic Absorption Spectrometry. The LBP survey and sampling was conducted in accordance with the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (HUD 2012). The lead testing combinations were determined by Terraphase's California Department of Public Health (CDPH) certified lead-related Inspector/Assessor and are presented in Table 2.

### 1.3.3 PCBs

The PCB samples were collected by Terraphase's experienced building inspector and analyzed for PCB content using the United States Environmental Protection Agency's (U.S. EPA) Method 8082A. PCB bulk sample results are included in Table 3.

## 2.0 REGULATORY OVERVIEW

### 2.1 Asbestos-Containing Materials

Materials containing greater than 1% asbestos are defined as ACMs by the U.S. EPA. However, Cal/OSHA regulates work practices at asbestos levels of 1% or below. The following U.S. EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) definitions are utilized throughout this report.

- **Friable Asbestos Material**, as defined by the U.S. EPA's NESHAP rule, means any material containing more than 1% asbestos as determined using the method specified in 40 CFR part 763 section 1, PLM, subpart F, Appendix A, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. If the asbestos content is less than 10% as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM, or assume it to be positive.
- **Category I Non-Friable Asbestos-Containing Material**, as defined by the U.S. EPA NESHAP, means asbestos-containing packings, gaskets, resilient floor covering and mastic, and asphalt roofing products containing more than 1% asbestos as determined using the method specified in 40 CFR part 763, section 1, PLM, subpart F, Appendix A.
- **Category II Non-Friable Asbestos-Containing Material**, as defined by the U.S. EPA NESHAP, means any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined using the methods specified in 40 CFR part 763, section 1, PLM, subpart F, Appendix A, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- **Asbestos-Containing Construction Material (ACCM)** is a California-specific term and means any manufactured construction material which contains more than 1/10th of 1% asbestos by weight.
- **Regulated Asbestos-Containing Material** means any friable ACM; a Category I non-friable ACM (such as floor tiles and asphalt roofing products) that has become friable or will be subject to sanding, grinding, cutting, or abrading during demolition or demolition activities; or a Category II non-friable ACM (all other non-friable ACMs) that has a high probability of becoming friable during renovation and/or demolition activities.

### 2.2 Lead-Based Paints

The U.S. EPA, U.S. Department of Housing and Urban Development (HUD), and the CDPH define LBPs as paints containing equal to or greater than 0.5% lead by weight, 5,000 parts per million, or 1.0 milligram per square centimeter (mg/cm<sup>2</sup>) total lead. The Occupational Safety and Health Administration (OSHA) and Cal/OSHA regulations (Lead Construction Standard) do not provide a definition for LBP, but refer to the U.S. EPA, HUD, and CDPH criteria mentioned above. Cal/OSHA

is primarily concerned with worker protection, and therefore regulates any amount of lead contained within painted building components.

As required by HUD/U.S. EPA, field calibration checks were performed prior, during, and after the lead inspection(s) to ensure the device was functioning optimally within acceptable limits that are predetermined by the manufacturer.

A lead-containing paint (LCP) is defined here as any amount of lead detected in a sample and for worker protection.

## 2.3 PCB Regulated Materials

In the past, oil containing PCBs has been used in caulking sealants and in electrical equipment, such as transformers and light ballasts, as a dielectric insulating fluid for heat dissipation. Manufacture of PCBs was banned in 1976; however, distribution of electrical equipment with PCBs was still allowed after that time. The U.S. EPA requires that insulating oils containing PCBs at concentrations greater than 50 milligrams per kilogram (mg/kg) be disposed of properly by a California-licensed hazardous waste hauler. It is also common for fluorescent light tubes and electrical thermostats to contain mercury vapor and/or fluid. If PCBs and mercury are known or presumed to be present within light ballasts, associated fluorescent tubes, and thermostats, they should be disposed of properly by a California-licensed hazardous waste hauler.

## 2.4 Universal Waste

UWs are hazardous wastes that are widely produced for household use and many different business types. The Department of Toxic Substances Control (DTSC) identifies seven categories of wastes, which are to be managed as UW. Unwanted items, including those in the following list, can be handled, transported, and recycled, following the requirements of the UW regulations (Cal. Code of Regulations, Title 22, Division 4.5, chapter 23). The DTSC list of UWs is provided below.

- 1 Electronic devices:** Includes any electronic device that is a hazardous waste (with or without a Cathode Ray Tube), including televisions, computer monitors, cell phones, VCRs, computer CPUs, and portable DVD players. These devices may contain arsenic, cadmium, lead, PCBs.
- 2 Batteries:** Includes most household batteries, AAA, AA, C, D, button cell, 9-volt, and all others, both rechargeable and single use – cadmium, copper, and mercury (in older batteries).
- 3 Electric lamps:** Fluorescent tubes and bulbs, high-intensity discharge lamps, sodium vapor lamps and electric lamps that contain added mercury, as well as any other lamp that exhibits a characteristic of a hazardous waste. (e.g., lead).
- 4 Mercury-containing equipment:** Thermostats, mercury switches, mercury thermometers, pressure or vacuum gauges, dilators and weighted tubing, mercury rubber flooring, mercury

gas flow regulators, dental amalgams, counterweights, dampers and mercury added novelties such as jewelry, ornaments and footwear.

- 5 **Cathode Ray Tubes:** The glass picture tubes removed from devices such as televisions and computer monitors may contain arsenic, cadmium, lead, and PCBs.
- 6 **Cathode Ray Tubes glass:** A cathode ray tube that has been accidently broken or processed for recycling and may contain arsenic, cadmium, lead, and PCBs.
- 7 **Non-empty aerosol cans:** Examples include propone, butane, and pesticides.

UW may not be disposed of in the household trash or general construction debris.

## 3.0 RESULTS

### 3.1 Results of the Asbestos Building Material Survey

Terraphase's representative collected a total of 120 bulk building material samples from various homogeneous applications found at the Site. The following materials were reported by the laboratory as containing asbestos:

- The white texture (sample numbers 1a, 2e, 11a, and 11b) associated with the interior gypsum walls was reported by the laboratory as containing 2% asbestos by PLM analysis. These samples were further assessed via point counting over 400 empty points and reported by the laboratory as containing between 0.75% and 1.25% asbestos. Based on EPA's round down rule (EPA's "Rounding Reporting Values" determination letter, dated January 31, 2007) the result of 1.25% asbestos may be rounded down to 1%. The associated grey concrete, grey plaster, and white wall seam caulk were reported by the laboratory as not containing asbestos. The texture was observed to be in good condition, encompasses approximately 2,000 square feet, and is classified as an ACCM.
- The tan coating (sample numbers 15a and 15b) applied to the black HVAC vibration dampers was reported by the laboratory as containing 2% asbestos via PLM analysis. These samples were further assessed via point counting over 400 empty points and reported by the laboratory as containing between 3.25% and 2.75% asbestos. The vibration damper cloth was reported by the laboratory as not containing asbestos. The coating was observed to be in good condition, encompasses approximately 60 square feet, and is classified as an Category II non-friable ACM.

The remaining samples that were collected as part of Terraphase's assessment were reported by the laboratory as not containing asbestos. It should be noted that the potential exists for underground utilities constructed with asbestos cement (e.g., Transite™ water pipelines) and/or naturally occurring regulated material to be present beneath the Site. Additional information pertaining to the asbestos assessment is presented in Table 1. A photographic log is included in Appendix B and a copy of the inspector's certification(s) is included in Appendix C.

### 3.2 Results of the Lead-Based Paint Survey

Terraphase's representative collected a total of eight bulk samples for lead analysis. The following painted building components were identified as containing lead.

- Beige paint (sample no. Pb-02) applied to the interior concrete walls was reported by the laboratory as containing 710 parts per million (ppm) lead. The beige paint was observed to be intact and is classified as a lead-containing paint (LCP).
- Black paint (sample no. Pb-04) applied to the interior metal door frame was reported by the laboratory as containing 770 ppm lead. The black paint was observed to be intact and is classified as a LCP.

- White paint (sample no. Pb-05) applied to the interior metal door was reported by the laboratory as containing 400 ppm lead. The white paint was observed to be intact and is classified as a LCP.
- White paint (sample no. Pb-07) applied to the interior plaster walls was reported by the laboratory as containing 550 ppm lead. The white paint was observed to be intact and is classified as a LCP.
- White paint (sample no. Pb-08) applied to the interior metal ducting system was reported by the laboratory as containing 290 ppm lead. The white paint was observed to be intact and is classified as a LCP.

The remaining samples that were collected as part of Terraphase's assessment were identified as not containing lead above the laboratories reporting limit. Please note, the reporting limit associated with the green paint applied to the metal lockers was 390 ppm due to the sample size of 0.0257 grams. The potential exists that lead may be present below the laboratory's reporting limit and additional sampling may be warranted if the paint is to be impacted and the lockers not removed intact. Additional information pertaining to the lead assessment is presented in Table 2. A copy of the required CPDH form 8552 prepared by Terraphase is included in Appendix D.

### 3.3 Results of the PCBs Survey

Terraphase's representative collected a total of a bulk sample of caulking materials for PCB analysis. The following material was identified as containing PCBs.

- White caulking (sample no. PCB-01) applied to the concrete wall seams was reported by the laboratory as containing PCBs at a concentration of 11,000 micrograms per kilogram (which converts to 11 mg/kg). The caulking was observed to be intact and contains trace amounts of PCBs.

The laboratory reported that this sample does not contain greater than 50 mg/kg PCBs. Additional information pertaining to the PCB sample is included in Table 3.

### 3.4 Results of the UW Assessment

The following Universal Hazardous Waste were assessed during the HMBS at the Site.

- Electronic devices: Terraphase did not observe electronic devices during our survey.
- Batteries: Terraphase did not observe batteries during our survey.
- Electric lamps: 1140 bulbs and tubes were observed at the Site.
- Mercury-containing equipment: Terraphase did not observe mercury-containing equipment during our survey.
- Cathode Ray Tubes (CRT): Terraphase did not observe CRT during our survey.

- Cathode Ray Tubes glass: Terraphase did not observe CRT glass during our survey.
- Non-empty aerosol cans: Propone, Butane, and Pesticides were not observed at the site during Terraphase's assessment.

The following materials were also observed to be present at the Site.

- Two fire extinguishers assumed to contain regulated chemicals.
- Eight exit signs assumed to contain tritium.
- One ice machine containing chlorofluorocarbons (CFCs) for refrigeration in the trainer room.

Photographs of these materials are included in Appendix B. Additional information pertaining to the UW is presented in Table 3.

### **3.5 Visual Mold Assessment**

Terraphase did not observed visible mold growth at the time of our assessment. Additionally, Terraphase is not aware of any reported complaints related to mold at the Site.



## 4.0 CONCLUSIONS AND RECOMMENDATIONS

Terraphase understands that the locker rooms will be renovated in the near future. Our conclusions and recommendations are presented below.

### 4.1 Conclusions

#### 4.1.1 Results of the Asbestos Survey

Analytical results indicated that the following building materials contain asbestos:

- The white texture associated with the interior gypsum walls was reported by the laboratory as containing between 0.75% and 1.25% asbestos by point count analysis. Based on EPA's round down rule, the result of 1.25% asbestos may be rounded down to 1%. The texture was observed to be in good condition and is classified as an ACCM.
- The tan coating applied to the black HVAC vibration dampers was reported by the laboratory as containing between 2.75% and 3.25% asbestos. The coating was observed to be in good condition and is classified as a Category II non-friable ACM.

It should be noted that the potential exists for underground utilities constructed with asbestos cement (e.g., Transite™ water pipelines) and/or naturally occurring regulated material to be present beneath the Site. A photographic log is included in Appendix B and a copy of the inspector's certification(s) are included in Appendix C.

#### 4.1.2 Results of the Lead-Based Paint Survey

The following painted building components were identified as containing lead.

- Beige paint applied to the interior concrete walls was reported by the laboratory as containing 710 parts per million (ppm) lead, was observed to be intact, and is classified as an LCP.
- Black paint applied to the interior metal door frame was reported by the laboratory as containing 770 ppm lead, was observed to be intact, and is classified as a LCP.
- White paint applied to the interior metal door was reported by the laboratory as containing 400 ppm lead, was observed to be intact, and is classified as a LCP.
- White paint applied to the interior plaster walls was reported by the laboratory as containing 550 ppm lead, was observed to be intact, and is classified as a LCP.
- White paint applied to the interior metal ducting system was reported by the laboratory as containing 290 ppm lead, was observed to be intact, and is classified as a LCP.

Additional information pertaining to the lead assessment is presented in Table 2. As indicated above, the reporting limit associated with the green paint applied to the metal lockers was 390

ppm due to the sample size of 0.0257 grams. The potential exists that lead may be present below the laboratory's reporting limit and additional sampling may be warranted if the paint is to be impacted and the lockers not removed intact.

#### 4.1.3 Results of the PCB Evaluation

Analysis of the bulk sample collected as part of this assessment indicated that the sample does not contain greater than 50 mg/kg PCBs. As a result, regulated PCBs do not appear to be present at the Site. Suspect PCB-containing ballasts were not observed during Terraphase's survey.

#### 4.1.4 Results of the UW Evaluation

The following Universal Hazardous Waste were assessed during the HMBS.

- Electric lamps: 1,140 bulbs and tubes were observed at the Site.

The following materials were also observed to be present at the Site.

- Two fire extinguishers assumed to contain regulated chemicals.
- Eight exit signs assumed to contain tritium.
- One ice machine containing chlorofluorocarbon for refrigeration in the trainer room.

Photographs of these materials are included in Appendix B.

#### 4.1.5 Visual Mold Assessment

Terraphase did not observe visible mold growth at the time of our assessment. Additionally, Terraphase is not aware of any reported complaints related to mold at the Site.

## 5.0 RECOMMENDATIONS

Based upon visual observations and subsequent laboratory analysis of building material samples collected and recorded, ACCMs, ACMs, and LCPs are present at the Site. Demolition or renovation activities, which could disturb ACCMs, ACMs, and LCPs should be performed by properly trained and qualified personnel only, and in accordance with federal, state, and local regulations, as implemented by Cal/OSHA, federal OSHA, U.S. EPA, the Department of Toxic Substances Control (DTSC), and the local Air Quality Management District (AQMD). Prior to any future renovation or demolition work, Terraphase recommends that the following actions be taken:

- ACCMs are not subject to NESHAP requirements. However, a certified asbestos abatement contractor must perform removal work of ACCMs and follow appropriate OSHA work practices.
- The ACCMs, ACMs, and LCPs observed to be in good condition or intact can be “managed in place” unless the materials are disturbed, repaired, or removed. Prior to demolition or renovation activities, the owner(s) of the building should retain a California-licensed abatement contractor to perform the abatement/remediation of the ACCMs, ACMs, and LCPs, as needed, and prior to disturbance.
- A 10-working-day notification to the local AQMD is required for every demolition or renovation project even when no ACMs are present. Prior to the initiation of the abatement work, the abatement contractor must complete a Notification of Demolition form and submit it to the local AQMD.
- The building owner or his/her representative should obtain a building renovation and/or demolition permit from the local county building department prior to proper removal and disposal of hazardous materials identified at the Site.
- Notification should be provided to contractors, subcontractors, and all other individuals having access to the building as to the presence of ACCMs, ACMs, and LCPs at the Site.
- UW should be removed from the site properly disposed of or recycled prior to building renovation or demolition. These materials should be properly classified for waste disposal in accordance with DTSC regulations outlined in Title 22 California Code of Regulations Division 4.5.
- If suspect ACCMs, ACMs, LCP, and LBPs that are not referenced in this report are identified during future activities, or if material that was not accessible is disturbed, Terraphase recommends that the materials be sampled and analyzed by an accredited laboratory to determine if these materials contain asbestos and/or lead.

## 6.0 LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by Terraphase and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given. To the extent that Terraphase relied upon any information prepared by other parties not under contract to Terraphase, Terraphase makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The statements, opinions, and conclusions contained in this report are based solely upon the services performed by Terraphase as described in this report and the Scope of Work as established for the report by the client's budgetary and time constraints and the terms and conditions of the agreement with the client. In performing these services and preparing the report, Terraphase relied upon the work and information provided by others, including other consultants, whose information is not guaranteed by Terraphase. This report is intended for the client's sole and exclusive use and not for the benefit of others and may not be used or relied upon by others. The findings of the report are limited to those specifically expressed in the report and no other representations or warranties are given by Terraphase and no additional conclusions should be reached or representations relied on other than those expressly stated in the report and as limited by the previously agreed upon terms and conditions for this project.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when Terraphase's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the Site may vary from those at the locations where data were collected. Terraphase's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities; 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

Terraphase, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

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## TABLES

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| Sample ID | Material Description                                 | Material Location         | Condition | Asbestos Content | Classification      | Approximate Quantity (square feet) |
|-----------|--|---------------------------|-----------|------------------|---------------------|------------------------------------|
| 1a        | White texture/grey concrete                          | Throughout                | Good      | 2% (1.25% PC)/ND | ACCM (texture only) | 2,000                              |
| 1b        | Grey concrete  |                           | Good      | ND               | NA                  | NA                                 |
| 1c        | Grey Concrete  |                           | Good      | ND               | NA                  | NA                                 |
| 2a        | White plaster/off-white plaster                      | Throughout                | Good      | ND/ND            | NA                  | NA                                 |
| 2b        | White plaster/beige plaster                          |                           | Good      | ND/ND            | NA                  | NA                                 |
| 2c        | White plaster/beige plaster                          |                           | Good      | ND/ND            | NA                  | NA                                 |
| 2d        | White plaster/beige plaster                          |                           | Good      | ND/ND            | NA                  | NA                                 |
| 2e        | White texture/grey plaster                           |                           | Good      | 2% (0.75% PC)/ND | ACCM (texture only) | included with 1a                   |
| 2f        | White plaster/off-white plaster                      |                           | Good      | ND/ND            | NA                  | NA                                 |
| 2g        | White plaster/off-white plaster                      | Good                      | ND/ND     | NA               | NA                  |                                    |
| 3a        | White drywall with brown paper (Bottom board)        | Women's shower            | Good      | ND               | NA                  | NA                                 |
| 3b        |  | Women's shower            | Good      | ND               | NA                  | NA                                 |
| 3c        |  | Men's shower              | Good      | ND               | NA                  | NA                                 |
| 4a        | Black non skid flooring/green non skid flooring      | Women's shower            | Good      | ND/ND            | NA                  | NA                                 |
| 4b        |  | Men's shower              | Good      | ND/ND            | NA                  | NA                                 |
| 5a        | White 3x3-foot ceiling panels                        | Women's locker room       | Good      | ND               | NA                  | NA                                 |
| 5b        |  | Men's locker room         | Good      | ND               | NA                  | NA                                 |
| 6a        | White 3x3 ceramic wall/grout mortar                  | Women's shower            | Good      | ND/ND/ND         | NA                  | NA                                 |
| 6b        |  | Men's shower              | Good      | ND/ND/ND         | NA                  | NA                                 |
| 7a        | Brown 2x2 ceramic floor tile/grout/mortar            | Women's shower            | Good      | ND/ND/ND         | NA                  | NA                                 |
| 7b        |  | Men's shower              | Good      | ND/ND/ND         | NA                  | NA                                 |
| 8a        | White 4x4 ceramic wall tile/grout/mortar             | Women's restroom          | Good      | ND/ND/ND         | NA                  | NA                                 |
| 8b        | White 4x4 ceramic wall tile/grout/mortar/thin set    | Men's restroom            | Good      | ND/ND/ND/ND      | NA                  | NA                                 |
| 9a        | White fiberglass wrap                                | Plenum - women's restroom | Good      | ND               | NA                  | NA                                 |
| 9b        | White fiberglass wrap                                | Mechanical room           | Good      | ND               | NA                  | NA                                 |
| 10a       | White canvas jacket                                  | Mechanical room           | Good      | ND               | NA                  | NA                                 |
| 10b       |  | Mechanical room           | Good      | ND               | NA                  | NA                                 |
| 11a       | White wall seam caulk/texture                        | Hallway                   | Good      | ND/2% (1.0% PC)  | ACCM (texture only) | included with 1a                   |
| 11b       | White wall seam caulk/texture                        | Women's locker room       | Good      | ND/2% (0.75% PC) | ACCM (texture only) | included with 1a                   |
| 12a       | Green 6-inch cove base/off-white mastic/brown mastic | Trainer's office          | Good      | ND/ND/ND         | NA                  | NA                                 |
| 12b       |  | Trainer's office          | Good      | ND/ND/ND         | NA                  | NA                                 |
| 13a       | Dark gray plaster                                    | Mechanical room           | Good      | ND/ND            | NA                  | NA                                 |
| 13b       | Gray plaster   | Mechanical room           | Good      | ND               | NA                  | NA                                 |
| 13c       | Gray plaster   | Mechanical room           | Good      | ND               | NA                  | NA                                 |
| 14a       | White TSI elbow                                      | Hallway                   | Good      | ND               | NA                  | NA                                 |
| 14b       |  | Men's locker room         | Good      | ND               | NA                  | NA                                 |
| 15a       | Black HVAC vibration cloth/tan Coating               | Mechanical room           | Good      | ND/2% (3.25% PC) | ACM                 | 60                                 |
| 15b       |  | Mechanical room           | Good      | ND/2% (2.75% PC) |                     |                                    |
| 16a       | Brown 2x2 ceramic floor tile/grout/mortar            | Women's restroom          | Good      | ND/ND/ND         | NA                  | NA                                 |
| 16b       |  | Men's Restroom            | Good      | ND/ND/ND         | NA                  | NA                                 |

**Notes:**  
 Asbestos Content Reported as a percent (%)  
 Bold indicates sample contains asbestos  
 ID = Identification  
 LF = Linear feet  
 NA = Not

ND = None Detected  
 NP - Not present  
 PC = Sample further assessed via Point Counting  
 Quantity reported in Square Feet  
 RACM = regulated asbestos-containing material

<sup>1</sup> Electrical wire insulation will not be sampled unless electrical power is disconnected prior to sampling.



| Item Number | Paint Color | Component    | Substrate | Location(s) of Materials | Lead Content (ppm) | Classification |
|-------------|-------------|--------------|-----------|--------------------------|--------------------|----------------|
| Pb-01       | White       | Wall tile    | Ceramic   | Men's shower             | <40                | NA             |
| Pb-02       | Beige       | Wall         | Concrete  | Hallway at mechanical    | 710                | LCP            |
| Pb-03       | White       | Wall tile    | Ceramic   | Women's shower           | <40                | NA             |
| Pb-04       | Black       | Door frame   | Metal     | Trainer's room           | 770                | LCP            |
| Pb-05       | White       | Door         | Metal     | Trainer's room           | 400                | LCP            |
| Pb-06       | Green       | Lockers      | Metal     | Women's shower           | <390               | NA             |
| Pb-07       | White       | Wall         | Plaster   | Men's locker room        | 550                | LCP            |
| Pb-08       | White       | HVAC ducting | Metal     | Women's shower           | 290                | LCP            |

**Notes:**

Lead Content Reported as a parts per million  
 Bold indicates sample contains lead  
 ID = Identification  
 LCP = Lead-containing paint  
 LF = Linear feet

NA = Not Applicable  
 ND = None Detected  
 Quantity reported in Square Feet  
 ppm = parts per million

| Sample Number | UW Material                           | PCB content | Mechanical room | Hallway and Trainer room | Men's Locker Room | Women's Locker Room      | Total Quantity |
|---------------|---------------------------------------|-------------|-----------------|--------------------------|-------------------|--------------------------|----------------|
| PCB-01        | White concrete wall seem caulk        | 11 mg/kg    | 0               | 1                        | 0                 | 0                        | 1              |
| NA            | Bulbs                                 | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Small Light tubes                     | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Large 2-foot light tubes              | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Large 4-foot light tubes              | NA          | 20              | 112                      | 404               | 624                      | 1140           |
| NA            | Large 8-foot tubes                    | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            |                                       |             |                 |                          |                   | <b>Light Tubes Total</b> | <b>1140</b>    |
| NA            | Batteries                             | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Ballasts                              | NA          | 10              | 56                       | 202               | 312                      | 570            |
| NA            | Cathode Ray Tubes/Glass               | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Exit signs                            | NA          | 0               | 2                        | 2                 | 4                        | 8              |
| NA            | Fire extinguisher                     | NA          | 0               | 0                        | 1                 | 1                        | 2              |
| NA            | CFCs for refrigeration                | NA          | 0               | 1                        | 0                 | 0                        | 1              |
| NA            | Thermostats containing liquid mercury | NA          | 0               | 0                        | 0                 | 0                        | 0              |
| NA            | Non-empty aerosol cans                | NA          | 0               | 0                        | 0                 | 0                        | 0              |

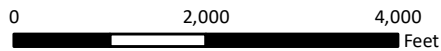
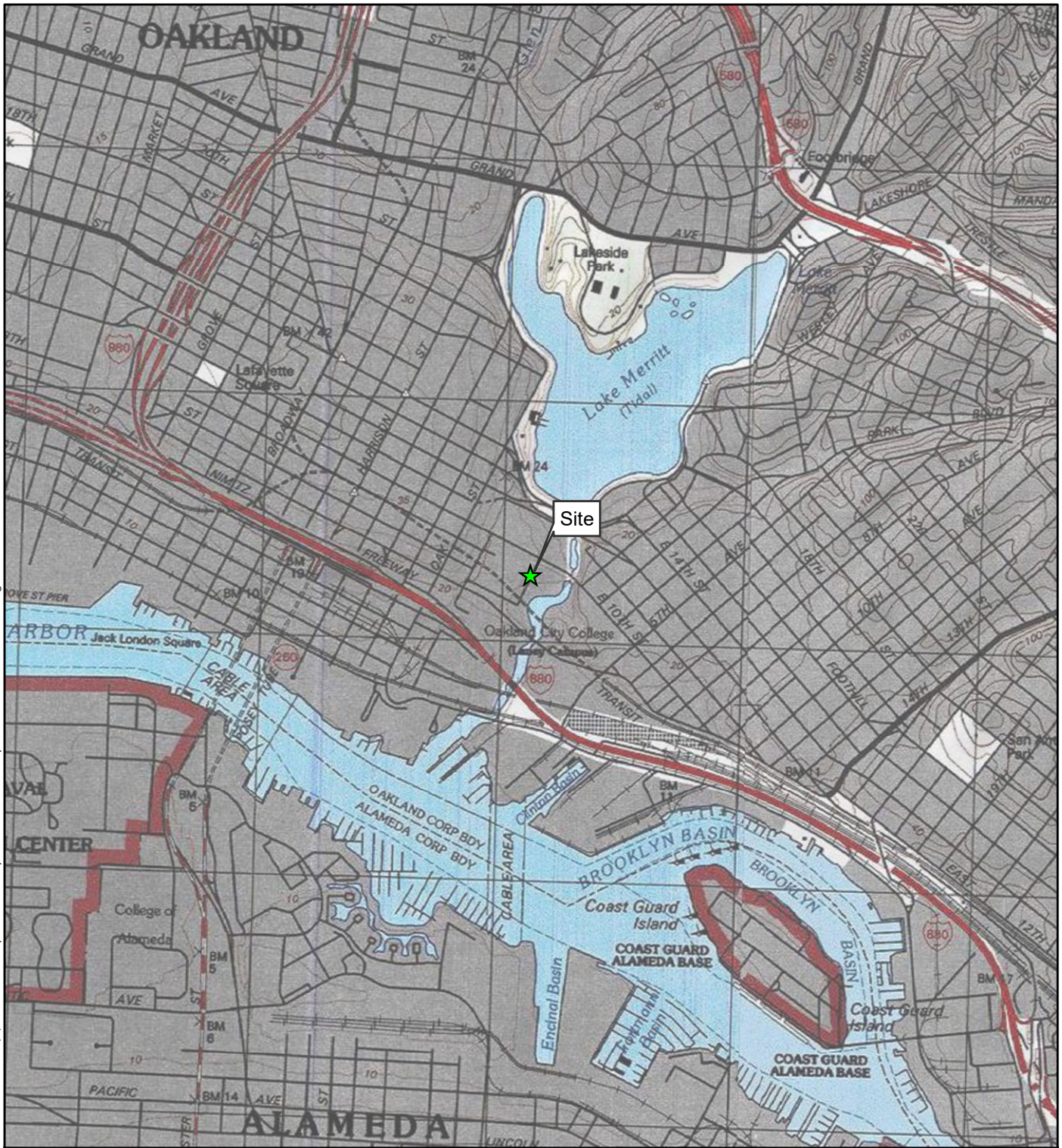
**Abbreviations**

NA = not applicable  
 PCB = polychlorinated biphenyls  
 UW = Universal Waste  
 mg/kg = milligrams per kilogram

## FIGURES

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1 inch = 2,000 feet



**Legend**

★ Site Location

Base Map: USGS Oakland West 1993 7.5 Minute Quadrangle

**SAFETY FIRST**



CLIENT: Peralta Community College District

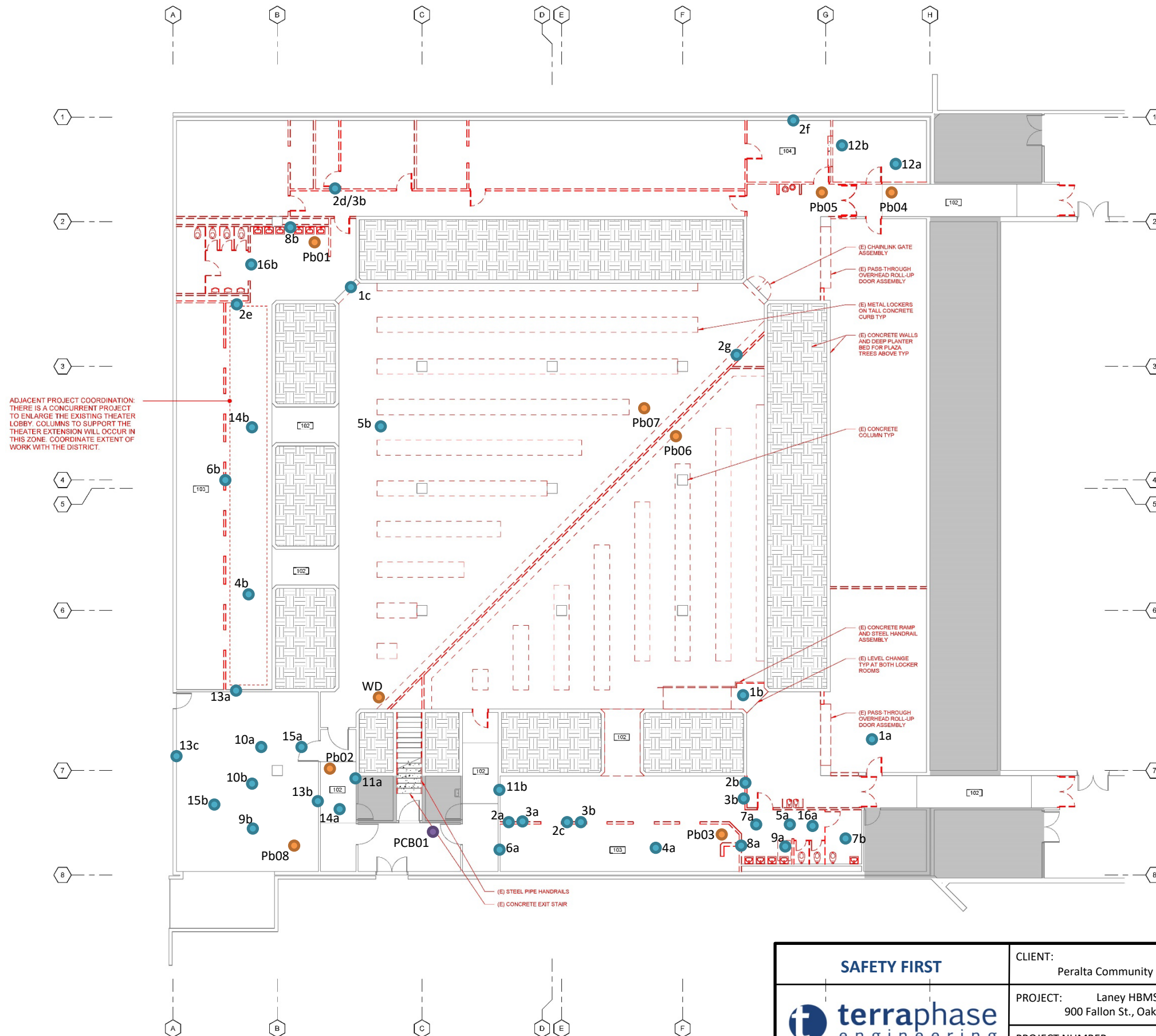
PROJECT: Laney HBMS Locker Rooms  
900 Fallon St., Oakland, CA 94607

PROJECT NUMBER: 0034.010.001

**Site Location**

**FIGURE 1**

File: N:\GIS\Proj\0034.010 Peralta Laney College\MXDs\Figure 1 - Site Location.mxd Created by: JD Checked by: initial Coordinate System: NAD 1983 StatePlane Oregon North FIPS 3601 Feet



| Legend                                |   |
|---------------------------------------|---|
| <span style="color: blue;">●</span>   | Lead bulk sample number(s) and approximate sample locations     |
| <span style="color: orange;">●</span> | Asbestos bulk sample number(s) and approximate sample locations |
| <span style="color: purple;">●</span> | PCB bulk sample number(s) and approximate sample location       |

|                                 |  |                            |
|---------------------------------|--|----------------------------|
| <b>SAFETY FIRST</b><br>         | CLIENT:<br>Peralta Community College District                            | <b>Sample Location Map</b> |
|                                 | PROJECT:<br>Laney HBMS Locker Rooms<br>900 Fallon St., Oakland, CA 94607 |                            |
| PROJECT NUMBER:<br>0034.010.001 | <b>FIGURE 2</b>  |                            |

**APPENDIX A**  
**LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION**

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Report for:

**Salvador Mendoza**  
**Terraphase Engineering Inc**  
1404 Franklin Street  
Suite 600  
Oakland, CA 94612

---

Regarding: Project: 0034.010.001; Women's and Men's Locker Room  
EML ID: 2471299

Approved by:



Approved Signatory  
Danny Li

REVISED REPORT

Dates of Analysis:  
Asbestos PLM: 09-04-2020

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)  
NVLAP Lab Code 200757-0

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terraphase Engineering Inc  
 C/O: Salvador Mendoza  
 Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
 Date of Receipt: 08-28-2020  
 Date of Report: 09-04-2020

**ASBESTOS PLM REPORT**

|   |    |
|---|----|
| <b>Total Samples Submitted:</b>                           | 40 |
| <b>Total Samples Analyzed:</b>                            | 40 |
| <b>Total Samples with Layer Asbestos Content &gt; 1%:</b> | 6  |

**Location: 1a, Grey Concrete**

Lab ID-Version‡: 11785334-2

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Texture                        | 2% Chrysotile    |
| Gray Concrete                        | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 1b, Grey Concrete**

Lab ID-Version‡: 11785335-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Concrete                        | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 1c, Grey Concrete**

Lab ID-Version‡: 11785336-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Concrete                        | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 2a, Plaster**

Lab ID-Version‡: 11785337-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Plaster                        | ND               |
| Off-White Plaster                    | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc  
 C/O: Salvador Mendoza  
 Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
 Date of Receipt: 08-28-2020  
 Date of Report: 09-04-2020

**ASBESTOS PLM REPORT**

**Location: 2b, Plaster**

Lab ID-Version‡: 11785338-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| White Plaster                                 | ND               |
| Beige Plaster                                 | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 2c, Plaster**

Lab ID-Version‡: 11785339-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| White Plaster                                 | ND               |
| Beige Plaster                                 | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 2d, Plaster**

Lab ID-Version‡: 11785340-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| White Plaster                                 | ND               |
| Beige Plaster                                 | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 2e, Plaster**

Lab ID-Version‡: 11785341-2

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| White Texture                                 | 2% Chrysotile    |
| Gray Plaster                                  | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

**ASBESTOS PLM REPORT****Location: 2f, Plaster**

Lab ID-Version‡: 11785342-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Plaster                        | ND               |
| Off-White Plaster                    | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 2g, Plaster**

Lab ID-Version‡: 11785343-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Plaster                        | ND               |
| Off-White Plaster                    | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 3a, Bottom Board**

Lab ID-Version‡: 11785344-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Drywall with Brown Paper         | ND               |
| <b>Composite Non-Asbestos Content:</b> | 10% Cellulose    |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 3b, Bottom Board**

Lab ID-Version‡: 11785345-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Drywall with Brown Paper         | ND               |
| <b>Composite Non-Asbestos Content:</b> | 10% Cellulose    |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

**ASBESTOS PLM REPORT****Location: 3c, Bottom Board**

Lab ID-Version‡: 11785346-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Drywall with Brown Paper         | ND               |
| <b>Composite Non-Asbestos Content:</b> | 10% Cellulose    |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 4a, Black Non Skid Flooring/Green Non Skid Flooring**

Lab ID-Version‡: 11785347-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Flooring                        | ND               |
| Black Flooring                       | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 4b, Black Non Skid Flooring/Green Non Skid Flooring**

Lab ID-Version‡: 11785348-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Flooring                        | ND               |
| Black Flooring                       | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 5a, White 3x3 Foot Ceiling Panels**

Lab ID-Version‡: 11785349-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Ceiling Tile                     | ND               |
| <b>Composite Non-Asbestos Content:</b> | 75% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

**ASBESTOS PLM REPORT****Location: 5b, White 3x3 Foot Ceiling Panels**

Lab ID-Version‡: 11785350-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Ceiling Tile                     | ND               |
| <b>Composite Non-Asbestos Content:</b> | 75% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 6a, White 3x3 Ceramic Wall/Grout Mortar**

Lab ID-Version‡: 11785351-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Ceramic Tile                   | ND               |
| White Mortar                         | ND               |
| White Grout                          | ND               |
| <b>Sample Composite Homogeneity:</b> | Good             |

**Location: 6b, White 3x3 Ceramic Wall/Grout Mortar**

Lab ID-Version‡: 11785352-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Ceramic Tile                   | ND               |
| White Mortar                         | ND               |
| White Grout                          | ND               |
| <b>Sample Composite Homogeneity:</b> | Good             |

**Location: 7a, Brown 2x2 Ceramic Floor Tile/Grout/Mortar**

Lab ID-Version‡: 11785353-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Beige Ceramic Tile                   | ND               |
| Beige Grout                          | ND               |
| Beige Mortar                         | ND               |
| <b>Sample Composite Homogeneity:</b> | Good             |

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

**ASBESTOS PLM REPORT****Location: 7b, Brown 2x2 Ceramic Floor Tile/Grout/Mortar**

Lab ID-Version‡: 11785354-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Beige Ceramic Tile                   | ND               |
| Beige Grout                          | ND               |
| Brown Mortar                         | ND               |
| <b>Sample Composite Homogeneity:</b> | Good             |

**Location: 8a, White 4x4 Ceramic Wall Tile**

Lab ID-Version‡: 11785355-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Ceramic Tile                   | ND               |
| Tan Grout                            | ND               |
| White Mortar                         | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 8b, White 4x4 Ceramic Wall Tile**

Lab ID-Version‡: 11785356-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Ceramic Tile                   | ND               |
| Tan Grout                            | ND               |
| White Mortar                         | ND               |
| White Thinset                        | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 9a, White Fiberglass Wrap**

Lab ID-Version‡: 11785357-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Wrap                             | ND               |
| <b>Composite Non-Asbestos Content:</b> | 85% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

**ASBESTOS PLM REPORT****Location: 9b, White Fiberglass Wrap**

Lab ID-Version‡: 11785358-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Wrap                             | ND               |
| <b>Composite Non-Asbestos Content:</b> | 85% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 10a, White Canvas Jacket**

Lab ID-Version‡: 11785359-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Fibrous Material                 | ND               |
| <b>Composite Non-Asbestos Content:</b> | 85% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 10b, White Canvas Jacket**

Lab ID-Version‡: 11785360-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Fibrous Material                 | ND               |
| <b>Composite Non-Asbestos Content:</b> | 85% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 11a, White Wall Seam Caulk**

Lab ID-Version‡: 11785361-2

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| White Caulk                          | ND               |
| Off-White Texture                    | 2% Chrysotile    |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

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Client: Terraphase Engineering Inc  
C/O: Salvador Mendoza  
Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
Date of Receipt: 08-28-2020  
Date of Report: 09-04-2020

**ASBESTOS PLM REPORT**

**Location: 11b, White Wall Seam Caulk**

Lab ID-Version‡: 11785362-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| White Caulk                                   | ND               |
| Off-White Texture                             | 2% Chrysotile    |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 12a, Green 6-inch Cove Base/Yellow Mastic**

Lab ID-Version‡: 11785363-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| Green Baseboard                               | ND               |
| Off-White Mastic                              | ND               |
| Brown Mastic                                  | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 12b, Green 6-inch Cove Base/Yellow Mastic**

Lab ID-Version‡: 11785364-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| Green Baseboard                               | ND               |
| Off-White Mastic                              | ND               |
| Brown Mastic                                  | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 13a, Plaster**

Lab ID-Version‡: 11785365-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| Dark Gray Plaster                             | ND               |
| Gray Plaster                                  | ND               |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

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Client: Terraphase Engineering Inc  
 C/O: Salvador Mendoza  
 Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
 Date of Receipt: 08-28-2020  
 Date of Report: 09-04-2020

**ASBESTOS PLM REPORT**

**Location: 13b, Plaster**

Lab ID-Version‡: 11785366-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Plaster                         | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 13c, Plaster**

Lab ID-Version‡: 11785367-1

| Sample Layers                        | Asbestos Content |
|--------------------------------------|------------------|
| Gray Plaster                         | ND               |
| <b>Sample Composite Homogeneity:</b> | Moderate         |

**Location: 14a, White TSI Elbow**

Lab ID-Version‡: 11785368-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Insulation                       | ND               |
| <b>Composite Non-Asbestos Content:</b> | 75% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

**Location: 14b, White TSI Elbow**

Lab ID-Version‡: 11785369-1

| Sample Layers                          | Asbestos Content |
|--|------------------|
| White Insulation                       | ND               |
| <b>Composite Non-Asbestos Content:</b> | 75% Glass Fibers |
| <b>Sample Composite Homogeneity:</b>   | Moderate         |

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Client: Terraphase Engineering Inc  
 C/O: Salvador Mendoza  
 Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
 Date of Receipt: 08-28-2020  
 Date of Report: 09-04-2020

**ASBESTOS PLM REPORT**

**Location: 15a, Black HVAC Vibration Cloth**

Lab ID-Version‡: 11785370-2

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| Black Semi-Fibrous Material                   | ND               |
| Tan Coating                                   | 2% Chrysotile    |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 15b, Black HVAC Vibration Cloth**

Lab ID-Version‡: 11785371-1

| Sample Layers                                 | Asbestos Content |
|---|------------------|
| Black Semi-Fibrous Material                   | ND               |
| Tan Coating                                   | 2% Chrysotile    |
| <b>Sample Composite Homogeneity:</b> Moderate |                  |

**Location: 16a, Brown 2x2 Ceramic Floor Tile/Grout/Mortar**

Lab ID-Version‡: 11785372-1

| Sample Layers                             | Asbestos Content |
|---|------------------|
| Gray Tile                                 | ND               |
| Gray Grout                                | ND               |
| White Mortar                              | ND               |
| <b>Sample Composite Homogeneity:</b> Poor |                  |

**Location: 16b, Brown 2x2 Ceramic Floor Tile/Grout/Mortar**

Lab ID-Version‡: 11785373-1

| Sample Layers                             | Asbestos Content |
|---|------------------|
| Gray Tile                                 | ND               |
| White Grout                               | ND               |
| White Mortar                              | ND               |
| <b>Sample Composite Homogeneity:</b> Poor |                  |

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Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 09-04-2020

---

**SUMMARY OF REVISIONS**

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**Location:** 1a; Grey Concrete Lab ID-Version‡: 11785334-2  
Analysis Time revised. Comments revised.

**Location:** 2e; Plaster Lab ID-Version‡: 11785341-2  
Analysis Time revised. Comments revised.

**Location:** 11a; White Wall Seam Caulk Lab ID-Version‡: 11785361-2  
Analysis Time revised. Comments revised.

**Location:** 15a; Black HVAC Vibration Cloth Lab ID-Version‡: 11785370-2  
Analysis Time revised. Comments revised.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Report for:

**Salvador Mendoza**  
**Terraphase Engineering Inc**  
1404 Franklin Street  
Suite 600  
Oakland, CA 94612

---

Regarding: Project: 0034.010.001; Women's and Men's Locker Room  
EML ID: 2471299

Approved by:



Approved Signatory  
Danny Li

Dates of Analysis:

Asbestos-EPA 400 point count: 10-05-2020

Service SOPs: Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1262)  
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 10-07-2020

**ASBESTOS POINT COUNT REPORT**

|                       |                      |                                |                                   |
|-----------------------|----------------------|--------------------------------|-----------------------------------|
| Location:             | 1a<br>Grey Concrete  |                                |                                   |
| Total Points Counted: | 400                  |                                |                                   |
| Lab ID-Version‡:      | 11890036-1           |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b> | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| White Texture         | Chrysotile           | 5                              | 1.25                              |
| <b>Layer Totals:</b>  |                      | 5                              | 1.25                              |

|                       |                      |                                |                                   |
|-----------------------|----------------------|--------------------------------|-----------------------------------|
| Location:             | 2e<br>Plaster        |                                |                                   |
| Total Points Counted: | 400                  |                                |                                   |
| Lab ID-Version‡:      | 11890037-1           |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b> | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| White Texture         | Chrysotile           | 3                              | 0.75                              |
| <b>Layer Totals:</b>  |                      | 3                              | 0.75                              |

|                       |                              |                                |                                   |
|-----------------------|------------------------------|--------------------------------|-----------------------------------|
| Location:             | 11a<br>White Wall Seam Caulk |                                |                                   |
| Total Points Counted: | 400                          |                                |                                   |
| Lab ID-Version‡:      | 11890038-1                   |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b>         | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| Off-White Texture     | Chrysotile                   | 4                              | 1                                 |
| <b>Layer Totals:</b>  |                              | 4                              | 1                                 |

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

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Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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Client: Terraphase Engineering Inc

Date of Sampling: 08-26-2020

C/O: Salvador Mendoza

Date of Receipt: 08-28-2020

Re: 0034.010.001; Women's and Men's Locker Room Date of Report: 10-07-2020

**ASBESTOS POINT COUNT REPORT**

|                       |                              |                                |                                   |
|-----------------------|------------------------------|--------------------------------|-----------------------------------|
| Location:             | 11b<br>White Wall Seam Caulk |                                |                                   |
| Total Points Counted: | 400                          |                                |                                   |
| Lab ID-Version‡:      | 11890039-1                   |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b>         | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| Off-White Texture     | Chrysotile                   | 3                              | 0.75                              |
| <b>Layer Totals:</b>  |                              | 3                              | 0.75                              |

|                       |                                   |                                |                                   |
|-----------------------|-----------------------------------|--------------------------------|-----------------------------------|
| Location:             | 15a<br>Black HVAC Vibration Cloth |                                |                                   |
| Total Points Counted: | 400                               |                                |                                   |
| Lab ID-Version‡:      | 11890040-1                        |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b>              | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| Tan Coating           | Chrysotile                        | 13                             | 3.25                              |
| <b>Layer Totals:</b>  |                                   | 13                             | 3.25                              |

|                       |                                   |                                |                                   |
|-----------------------|-----------------------------------|--------------------------------|-----------------------------------|
| Location:             | 15b<br>Black HVAC Vibration Cloth |                                |                                   |
| Total Points Counted: | 400                               |                                |                                   |
| Lab ID-Version‡:      | 11890041-1                        |                                |                                   |
| <b>Sample Layers</b>  | <b>Asbestos Type</b>              | <b>Asbestos Points Counted</b> | <b>Asbestos Concentration (%)</b> |
| Tan Coating           | Chrysotile                        | 11                             | 2.75                              |
| <b>Layer Totals:</b>  |                                   | 11                             | 2.75                              |

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# ASBESTOS BULK SAMPLING DATA FORM & CHAIN OF CUSTODY

Project No.: 0034.010.001

Date of Sampling: August 26, 2020

Client: Peralta

Project Name: Women's and Men's Locker Room

Project Location: Laney College

Sample By: Salvador Mendoza

Activity:  Renovation  Demolition  Other

|  |   |                    |
|--|---|--------------------|
| Results to: <u>sal.mendoza@terrphase.com</u> | Turnaround Time: <input type="checkbox"/> Same-Day <input type="checkbox"/> 1-Day <input type="checkbox"/> 2-Days <input type="checkbox"/> 3-Days <input checked="" type="checkbox"/> 5-Days <input type="checkbox"/> Other                       | Due Date and Time: |
| Notes: <u>*prior positive stop</u>           | Analysis: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Point Count <input type="checkbox"/> 400 <input type="checkbox"/> 1,000 <input type="checkbox"/> CARB-435 <input type="checkbox"/> TEM <input type="checkbox"/> Other: |                    |

Note: Please analyzed samples nos. 1a through 16b depicted below

|  |  |   |   |
|--|--|---|---|
| Relinquished by: <u>Salvador Mendoza</u> | Date & Time: <u>9/27/2020</u><br><u>1600</u> | Received By: <u>LQ</u> <u>8/28/20</u><br><u>10:05</u> | Date & Time:<br>Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Relinquished by:                         | Date & Time:                                 | Received By:  | Date & Time:<br>Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |



10FZ



**Table 1**  
**Suspect Asbestos-Containing Materials**  
**Locker Room Title IX Project - Laney College**  
**Oakland, California**

| Sample ID | Material Description                            | Material Location         | Condition |
|-----------|---|---------------------------|-----------|
| 1a        | Grey concrete                                   | Throughout                | Good      |
| 1b        |   |                           | Good      |
| 1c        |   |                           | Good      |
| 2a        | Plaster   | Throughout                | Good      |
| 2b        |   |                           | Good      |
| 2c        |   |                           | Good      |
| 2d        |   |                           | Good      |
| 2e        |   |                           | Good      |
| 2f        |   |                           | Good      |
| 2g        |   |                           | Good      |
| 3a        | Bottom board                                    | Women's shower            | Good      |
| 3b        |   | Women's shower            | Good      |
| 3c        |   | Men's shower              | Good      |
| 4a        | Black non skid flooring/green non skid flooring | Women's shower            | Good      |
| 4b        |   | Men's shower              | Good      |
| 5a        | White 3x3-foot ceiling panels                   | Women's locker room       | Good      |
| 5b        |   | Men's locker room         | Good      |
| 6a        | White 3x3 ceramic wall/grout mortar             | Women's shower            | Good      |
| 6b        |   | Men's shower              | Good      |
| 7a        | Brown 2x2 ceramic floor tile/grout/mortar       | Women's shower            | Good      |
| 7b        |   | Men's shower              | Good      |
| 8a        | White 4x4 ceramic wall tile                     | Women's restroom          | Good      |
| 8b        |   | Men's restroom            | Good      |
| 9a        | White fiberglass wrap                           | Plenum - women's restroom | Good      |
| 9b        | White fiberglass wrap                           | Mechanical room           | Good      |
| 10a       | White canvas jacket                             | Mechanical room           | Good      |
| 10b       |   |                           | Good      |
| 11a       | White wall seam caulk                           | Hallway                   | Good      |
| 11b       |   | Women's locker room       | Good      |
| 12a       | Green 6-inch cove base/yellow mastic            | Trainer's office          | Good      |
| 12b       |   | Trainer's office          | Good      |
| 13a       |   | Mechanical room           | Good      |
| 13b       | Plaster   | Mechanical room           | Good      |
| 13c       |   | Mechanical room           | Good      |
| 14a       | White TSI elbow                                 | Hallway                   | Good      |
| 14b       |   | Men's locker room         | Good      |
| 15a       | Black HVAC vibration cloth                      | Mechanical room           | Good      |
| 15b       |   | Mechanical room           | Good      |
| 15c       |   | Mechanical room           | Good      |
| 16a       | Brown 2x2 ceramic floor tile/grout/mortar       | Women's restroom          | Good      |
| 16b       |   | Men's Restroom            | Good      |

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 28  
 P. 107

Report for:

**Salvador Mendoza**  
**Terraphase Engineering Inc**  
1404 Franklin Street  
Suite 600  
Oakland, CA 94612

---

Regarding: Project: 0034.010.001; Women's and Men's Locker Room  
EML ID: 2471294

Approved by:

Dates of Analysis:

Lead - Flame AA: 09-01-2020



Technical Manager  
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)  
AIHA-LAP, LLC accredited service, Lab ID #178697

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

---

Client: Terraphase Engineering Inc  
 C/O: Salvador Mendoza  
 Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
 Date of Receipt: 08-28-2020  
 Date of Report: 09-04-2020

**LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY**

| Location:                | Pb-01:<br>Men's Shower             | Pb-02:<br>Hallway at<br>Mechanical | Pb-03:<br>Women's Shower           | Pb-04:<br>Trainer's Room           |
|--------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Comments (see below)     | None                               | None                               | None                               | None                               |
| Lab ID-Version‡:         | 11785324-1                         | 11785325-1                         | 11785326-1                         | 11785327-1                         |
| Analysis Date:           | 09/01/2020                         | 09/01/2020                         | 09/01/2020                         | 09/01/2020                         |
| Sample type              | Paint Chip sample                  | Paint Chip sample                  | Paint Chip sample                  | Paint Chip sample                  |
| Method*                  | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified |
| † Method Reporting Limit | 40 ppm                             | 39 ppm                             | 40 ppm                             | 56 ppm                             |
| Sample size              | 0.2518 grams                       | 0.2565 grams                       | 0.2513 grams                       | 0.1779 grams                       |
| § Total Lead Result      | < 40 ppm                           | 710 ppm                            | < 40 ppm                           | 770 ppm                            |

**Comments:**

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

\*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terraphase Engineering Inc  
C/O: Salvador Mendoza  
Re: 0034.010.001; Women's and Men's Locker Room

Date of Sampling: 08-26-2020  
Date of Receipt: 08-28-2020  
Date of Report: 09-04-2020

**LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY**

| Location:                | Pb-05:<br>Trainer's Room           | Pb-06:<br>Women's Shower           | Pb-07:<br>Men's Locker Room        | Pb-08:<br>Women's Shower           |
|--------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Comments (see below)     | None                               | None                               | None                               | None                               |
| Lab ID-Version‡:         | 11785328-1                         | 11785329-1                         | 11785330-1                         | 11785331-1                         |
| Analysis Date:           | 09/01/2020                         | 09/01/2020                         | 09/01/2020                         | 09/01/2020                         |
| Sample type              | Paint Chip sample                  | Paint Chip sample                  | Paint Chip sample                  | Paint Chip sample                  |
| Method*                  | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified | NIOSH 7082 & EPA<br>7000B modified |
| † Method Reporting Limit | 40 ppm                             | 390 ppm                            | 39 ppm                             | 74 ppm                             |
| Sample size              | 0.2530 grams                       | 0.0257 grams                       | 0.2533 grams                       | 0.1357 grams                       |
| § Total Lead Result      | 400 ppm                            | < 390 ppm                          | 550 ppm                            | 290 ppm                            |

**Comments:**

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

\*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002471294

**PAINT CHIP SAMPLE REQUEST FORM**

Project No.: **0034.010.001**

Date of Sampling: **August 26, 2020**

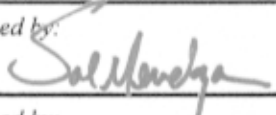
Client: **Peralta**

Project Name: **Women's and Men's Locker Room**

Project Location: **Laney College**

Sample By: **Salvador Mendzoa**

Activity:  Background  Removal  Clearance  Personal

|  |                              |   |   |                    |  |
|--|------------------------------|---|---|--------------------|--|
| Results to: <a href="mailto:Sal.mendoza@terraphase.com">Sal.mendoza@terraphase.com</a>             |                              | Turnaround Time: <input type="checkbox"/> Same-Day <input type="checkbox"/> 1-Day <input type="checkbox"/> 2-Days <input type="checkbox"/> 3-Days <input checked="" type="checkbox"/> 5-Days <input type="checkbox"/> Other |   | Due Date and Time: |  |
| Notes: Please see attached – sample nos. Pb-01 through Pb-08                                       |                              | Analysis: <input type="checkbox"/> Flame AA (Pb) <input type="checkbox"/> Other:  |   |                    |  |
| Relinquished by:  | Date & Time: 8/27/20<br>1600 | Received By: <i>Y9 8/28/20 10.05</i>  | Date & Time:<br>Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |  |
| Relinquished by:   | Date & Time:                 | Received By:  | Date & Time:<br>Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |  |

1 OF 2

Table 2  
 Suspect Lead-Based Paints  
 Locker Room Title IX Project - Laney College  
 Oakland, California

| Item Number | Paint Color | Component    | Substrate | Location(s) of Materials |
|-------------|-------------|--------------|-----------|--------------------------|
| Pb-01       | White       | Wall tile    | Ceramic   | Men's shower             |
| Pb-02       | Beige       | Wall         | Concrete  | Hallway at mechanical    |
| Pb-03       | White       | Wall tile    | Ceramic   | Women's shower           |
| Pb-04       | Black       | Door frame   | Metal     | Trainer's room           |
| Pb-05       | White       | Door         | Metal     | Trainer's room           |
| Pb-06       | Green       | Lockers      | Metal     | Women's shower           |
| Pb-07       | White       | Wall         | Plastic   | Men's locker room        |
| Pb-08       | White       | HVAC ducting | Metal     | Women's shower           |

RCV'd  
 8/28/20  
 10.05  
 2022

## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-271075-1  
Client Project/Site: 2471052  
Revision: 1

For:  
EMLab P&K  
Bascom Airport Executive Suites  
17461 Derian Ave - Suite 100  
Irvine, California 92614

Attn: Angela Hetherington



Authorized for release by:  
9/4/2020 1:11:07 PM

Jennifer Moffatt, Project Manager I  
(949)260-3226  
[Jennifer.Moffatt@Eurofinset.com](mailto:Jennifer.Moffatt@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofins.com](http://www.eurofins.com)  
Addendum One  
10/12/2020

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Sample Summary

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

---

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 440-271075-1  | PCB-1            | Solid  | 08/26/20 11:15 | 08/28/20 16:20 |          |

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# Case Narrative

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

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## Job ID: 440-271075-1

---

### Laboratory: Eurofins Calscience Irvine

#### Narrative

---

#### Job Narrative 440-271075-1

#### Comments

Revised to remove e-mail about headspace which was not applicable to the requested analysis.

#### Receipt

The sample was received on 8/28/2020 4:20 PM; the sample arrived in good condition. The temperature of the cooler at receipt was 21.0° C.

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

The following sample was received at the laboratory without a sample collection time documented on the chain of custody or on the container: PCB-1 (440-271075-1). Time provided by client.

The following sample was received at the laboratory outside the required temperature criteria: PCB-1 (440-271075-1). There was no cooling media present in the cooler. The sample was received at 21.00 Deg C.

#### GC Semi VOA

Method 8082: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-91750 and analytical batch 570-91912 recovered outside control limits for the following analytes: Aroclor 1016.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method 3540C: The initial volume(s) used for the following sample deviated from the standard procedure: PCB-1 (440-271075-1). The reporting limits (RLs) have been adjusted proportionately. Adjusted from 20g to 1g due to rubber sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Client Sample Results

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

**Client Sample ID: PCB-1**  
**Date Collected: 08/26/20 11:15**  
**Date Received: 08/28/20 16:20**

**Lab Sample ID: 440-271075-1**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

| Analyte                       | Result           | Qualifier        | RL            | Unit  | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------|------------------|------------------|---------------|-------|---|-----------------|-----------------|----------------|
| Aroclor 1016                  | ND               | *1               | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| Aroclor 1221                  | ND               |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| Aroclor 1232                  | ND               |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| Aroclor 1242                  | ND               |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| Aroclor 1248                  | ND               |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| <b>Aroclor 1254</b>           | <b>11000</b>     |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| Aroclor 1260                  | ND               |                  | 1000          | ug/Kg |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |
| <b>Surrogate</b>              | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| DCB Decachlorobiphenyl (Surr) | 85               |                  | 20 - 155      |       |   | 09/01/20 14:56  | 09/02/20 12:52  | 1              |

# Method Summary

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

| Method | Method Description                                     | Protocol | Laboratory |
|--------|--|----------|------------|
| 8082   | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846    | ECL 1      |
| 3540C  | Soxhlet Extraction                                     | SW846    | ECL 1      |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Lab Chronicle

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

**Client Sample ID: PCB-1**  
**Date Collected: 08/26/20 11:15**  
**Date Received: 08/28/20 16:20**

**Lab Sample ID: 440-271075-1**  
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab   |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|-------|
| Total/NA  | Prep       | 3540C        |     |            | 1.00 g         | 10 mL        | 91750        | 09/01/20 14:56       | UYUW    | ECL 1 |
| Total/NA  | Analysis   | 8082         |     | 1          |                |              | 91912        | 09/02/20 12:52       | UJ3K    | ECL 1 |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

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# QC Sample Results

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-91750/1-A**  
**Matrix: Solid**  
**Analysis Batch: 91912**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 91750**

| Analyte                       | MB MB     |           | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
|                               | Result    | Qualifier |          |       |   |                |                |         |
| Aroclor 1016                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1221                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1232                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1242                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1248                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1254                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
| Aroclor 1260                  | ND        |           | 50       | ug/Kg |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |
|                               | MB MB     |           |          |       |   |                |                |         |
| Surrogate                     | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| DCB Decachlorobiphenyl (Surr) | 99        |           | 20 - 155 |       |   | 09/01/20 14:55 | 09/02/20 10:28 | 1       |

**Lab Sample ID: LCS 570-91750/2-A**  
**Matrix: Solid**  
**Analysis Batch: 91912**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 91750**

| Analyte                       | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |  |
|-------------------------------|-------------|------------|---------------|-------|---|------|--------------|--|
|                               |             |            |               |       |   |      | Limits       |  |
| Aroclor 1016                  | 200         | 159        |               | ug/Kg |   | 79   | 50 - 142     |  |
| Aroclor 1260                  | 200         | 185        |               | ug/Kg |   | 93   | 50 - 150     |  |
|                               | LCS LCS     |            |               |       |   |      |              |  |
| Surrogate                     | %Recovery   | Qualifier  | Limits        |       |   |      |              |  |
| DCB Decachlorobiphenyl (Surr) | 80          |            | 20 - 155      |       |   |      |              |  |

**Lab Sample ID: LCSD 570-91750/3-A**  
**Matrix: Solid**  
**Analysis Batch: 91912**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 91750**

| Analyte                       | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec. Limits |    | RPD Limit |       |
|-------------------------------|-------------|-------------|----------------|-------|---|------|--------------|----|-----------|-------|
|                               |             |             |                |       |   |      | Limits       |    | RPD       | Limit |
| Aroclor 1016                  | 200         | 219         | *1             | ug/Kg |   | 110  | 50 - 142     | 32 | 30        |       |
| Aroclor 1260                  | 200         | 165         |                | ug/Kg |   | 83   | 50 - 150     | 11 | 30        |       |
|                               | LCSD LCSD   |             |                |       |   |      |              |    |           |       |
| Surrogate                     | %Recovery   | Qualifier   | Limits         |       |   |      |              |    |           |       |
| DCB Decachlorobiphenyl (Surr) | 80          |             | 20 - 155       |       |   |      |              |    |           |       |

**Lab Sample ID: 570-37226-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 91912**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 91750**

| Analyte                       | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |  |
|-------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|--|
|                               |               |                  |             |           |              |       |   |      | Limits       |  |
| Aroclor 1016                  | ND            | *1               | 100         | 91.6      |              | ug/Kg |   | 92   | 20 - 175     |  |
| Aroclor 1260                  | ND            |                  | 100         | 108       |              | ug/Kg |   | 108  | 20 - 180     |  |
|                               | MS MS         |                  |             |           |              |       |   |      |              |  |
| Surrogate                     | %Recovery     | Qualifier        | Limits      |           |              |       |   |      |              |  |
| DCB Decachlorobiphenyl (Surr) | 106           |                  | 20 - 155    |           |              |       |   |      |              |  |

# QC Sample Results

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-37226-A-1-F MSD**

**Matrix: Solid**

**Analysis Batch: 91912**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 91750**

| Analyte                              | Sample           | Sample           | Spike           | MSD    | MSD       | Unit  | D | %Rec | %Rec.    | RPD | Limit |
|--------------------------------------|------------------|------------------|-----------------|--------|-----------|-------|---|------|----------|-----|-------|
|                                      | Result           | Qualifier        | Added           | Result | Qualifier |       |   |      | Limits   |     |       |
| Aroclor 1016                         | ND               | *1               | 100             | 92.5   |           | ug/Kg |   | 92   | 20 - 175 | 1   | 40    |
| Aroclor 1260                         | ND               |                  | 100             | 108    |           | ug/Kg |   | 108  | 20 - 180 | 0   | 40    |
|                                      |                  | <i>MSD</i>       | <i>MSD</i>      |        |           |       |   |      |          |     |       |
| <i>Surrogate</i>                     | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i>   |        |           |       |   |      |          |     |       |
| <i>DCB Decachlorobiphenyl (Surr)</i> | <i>105</i>       |                  | <i>20 - 155</i> |        |           |       |   |      |          |     |       |

# QC Association Summary

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

## GC Semi VOA

### Cleanup Batch: 91747

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method             | Prep Batch |
|---------------------|------------------------|-----------|--------|--------------------|------------|
| 570-37226-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | Homogenize<br>Prep |            |
| 570-37226-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | Homogenize<br>Prep |            |

### Prep Batch: 91750

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 440-271075-1        | PCB-1                  | Total/NA  | Solid  | 3540C  |            |
| MB 570-91750/1-A    | Method Blank           | Total/NA  | Solid  | 3540C  |            |
| LCS 570-91750/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3540C  |            |
| LCSD 570-91750/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3540C  |            |
| 570-37226-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 3540C  | 91747      |
| 570-37226-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3540C  | 91747      |

### Analysis Batch: 91912

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 440-271075-1        | PCB-1                  | Total/NA  | Solid  | 8082   | 91750      |
| MB 570-91750/1-A    | Method Blank           | Total/NA  | Solid  | 8082   | 91750      |
| LCS 570-91750/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8082   | 91750      |
| LCSD 570-91750/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8082   | 91750      |
| 570-37226-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 8082   | 91750      |
| 570-37226-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8082   | 91750      |



# Definitions/Glossary

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description                |
|-----------|--------------------------------------|
| *1        | LCS/LCSD RPD exceeds control limits. |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| CNF            | Contains No Free Liquid   |
| DER            | Duplicate Error Ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL             | Detection Limit (DoD/DOE)   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)   |
| EDL            | Estimated Detection Limit (Dioxin)  |
| LOD            | Limit of Detection (DoD/DOE)  |
| LOQ            | Limit of Quantitation (DoD/DOE)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| QC             | Quality Control   |
| RER            | Relative Error Ratio (Radiochemistry)   |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)   |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)   |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)   |
| TNTC           | Too Numerous To Count   |

# Accreditation/Certification Summary

Client: EMLab P&K  
Project/Site: 2471052

Job ID: 440-271075-1

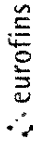
## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

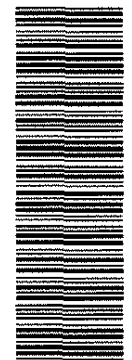
| Authority  | Program                                 | Identification Number | Expiration Date |
|------------|---|-----------------------|-----------------|
| California | Los Angeles County Sanitation Districts | 10109                 | 09-29-20        |
| California | SCAQMD LAP                              | 17LA0919              | 11-30-20        |
| California | State                                   | 2944                  | 09-29-20        |
| Guam       | State                                   | 20-003R               | 10-31-20        |
| Nevada     | State                                   | CA00111               | 07-31-21        |
| Oregon     | NELAP                                   | CA300001              | 01-29-21        |
| USDA       | US Federal Programs                     | P330-20-00034         | 02-10-23        |
| Washington | State                                   | C916-18               | 10-11-20        |



# Chain of Custody Record

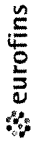


>>> Select a Laboratory <<<

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>Client Contact</b><br>EMI Lab P&K Irvine<br>17461 Denian Ave Suite 100<br>Irvine, CA 92614<br>(xxx) xxx-xxxx Phone<br>(xxx) xxx-xxxx FAX<br>Project Name: 2471052<br>Site<br>P O #  |  | <b>Regulatory Program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other: |  | TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica<br>COC No: 1 of 1 COCs  |  |
| <b>Client Contact</b><br>Angela Hetherington<br>Email: ahetherington@emi.bppk.com<br>Tel/Fax:  |  | <b>Site Contact:</b> Janice Hsu<br><b>Lab Contact:</b>  |  | <b>Date:</b><br><b>Carrier:</b>   |  |
| <b>Analysis Turnaround Time</b><br><input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS<br>TAT if different from Below _____ days<br><input type="checkbox"/> 2 weeks<br><input type="checkbox"/> 1 week<br><input type="checkbox"/> 2 days<br><input type="checkbox"/> 1 day   |  | Filtered Sample (Y/N) _____<br>Perform MS/MSD (Y/N) _____<br>PCB Analysis _____   |  | Sampler<br>For Lab Use Only:<br>Walk-in Client<br>Lab Sampling:<br>Job / SDG No.: |  |
| <b>Sample Identification</b><br>PCB-1  |  | <b>Sample Date</b><br>8/26/20   |  | <b>Sample Type</b><br>(C=Comp, G=Grab)  |  |
| <b>Sample Time</b><br>8/28/20 LD   |  | <b>Matrix</b>   |  | <b># of Cont.</b>   |  |
| <br>440-271075 Chain of Custody   |  | X   |  | Sample Specific Notes   |  |
| <b>Preservation Used:</b> 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other<br><b>Possible Hazard Identification:</b> Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample<br><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown |  |   |  |   |  |
| <b>Special Instructions/QC Requirements &amp; Comments:</b>  |  |   |  |   |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Relinquished by: _____<br>Relinquished by: _____<br>Relinquished by: _____   |  | Cooler Temp (°C): Obs'd _____ Corrd' _____<br>Received by: _____<br>Received by: _____<br>Received in Laboratory by: _____                          |  | Therm ID No _____<br>Date/Time: _____<br>Date/Time: _____<br>Date/Time: _____     |  |



# Chain of Custody Record



|   |               |   |                                       |  |                        |
|---|---------------|---|---------------------------------------|--|------------------------|
| <b>Client Information (Sub Contract Lab)</b>                              |               | Sampler:  | Lab Pk#:                              | Carrier Tracking No(s):  | COC No:                |
| Client Contact:<br>Shipping/Receiving                                     |               | Moffatt, Jennifer   | Moffatt, Jennifer                     |  | 440-160973-1           |
| Company:<br>Eurofins Calscience LLC                                       |               | E-Mail:<br>Jennifer.Moffatt@Eurofinset.com                        | State of Origin:<br>California        | Page:<br>Page 1 of 1   | Job #:<br>440-271075-1 |
| Address:<br>7440 Lincoln Way,<br>Garden Grove<br>State, Zip:<br>CA, 92841 |               | Accreditations Required (See note):<br>State Program - California |                                       | Preservation Codes:<br>M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2OAS<br>Q - Na2SO3<br>R - Na2S2O3<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>L - EDTA<br>Z - other (specify)<br>Other: |                        |
| Due Date Requested:<br>9/4/2020   |               | <b>Analysis Requested</b>   |                                       |  |                        |
| TAT Requested (days):   |               | Total Number of Containers  |                                       |  |                        |
| PO #:   |               | Field Filtered Sample (Yes or No)                                 |                                       |  |                        |
| WO #:   |               | Perform MS/MSD (Yes or No)  |                                       |  |                        |
| Project #:<br>44020410  |               | 8082/3540C Standard 8082 PCB list                                 |                                       |  |                        |
| Site:<br>SSOW#:   |               | X   |                                       |  |                        |
| <b>Sample Identification - Client ID (Lab ID)</b>                         |               | <b>Special Instructions/Note:</b>                                 |                                       |  |                        |
| Sample Date   | Sample Time   | Sample Type (C-comp, G-grab)                                      | Matrix (Water, Solid, On-waste, etc.) | Preservation Code  |                        |
| 8/26/20   | 00:01 Pacific | Solid   |                                       |  |                        |
| PCB-1 (440-271075-1)  |               |   |                                       |  |                        |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Relinquished by: *JTW CW* Date: *8/31/20* Company: *EC*  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_  
 Δ Yes Δ No

## Login Sample Receipt Checklist

Client: EMLab P&K

Job Number: 440-271075-1

**Login Number: 271075**

**List Number: 1**

**Creator: Dolidze, Lado**

**List Source: Eurofins Irvine**

| Question  | Answer | Comment   |
|---|--------|---|
| Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.      | True   |   |
| The cooler's custody seal, if present, is intact.   | N/A    | Not present   |
| Sample custody seals, if present, are intact.   | N/A    | Not Present   |
| The cooler or samples do not appear to have been compromised or tampered with.                      | True   |   |
| Samples were received on ice.   | False  | Refer to Job Narrative for details.                       |
| Cooler Temperature is acceptable.   | False  | Cooler temperature outside required temperature criteria. |
| Cooler Temperature is recorded.   | True   |   |
| COC is present.   | True   |   |
| COC is filled out in ink and legible.   | True   |   |
| COC is filled out with all pertinent information.   | False  | No time on COC or containers.                             |
| Is the Field Sampler's name present on COC?   | False  | Refer to Job Narrative for details.                       |
| There are no discrepancies between the containers received and the COC.                             | True   |   |
| Samples are received within Holding Time (excluding tests with immediate HTs)                       | True   |   |
| Sample containers have legible labels.  | True   |   |
| Containers are not broken or leaking.   | True   |   |
| Sample collection date/times are provided.  | False  | No time on COC or sample containers                       |
| Appropriate sample containers are used.   | True   |   |
| Sample bottles are completely filled.   | True   |   |
| Sample Preservation Verified.   | N/A    |   |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs                    | True   |   |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | True   |   |
| Multiphasic samples are not present.  | True   |   |
| Samples do not require splitting or compositing.  | True   |   |
| Residual Chlorine Checked.  | N/A    |   |



# Login Sample Receipt Checklist

Client: EMLab P&K

Job Number: 440-271075-1

**Login Number: 271075**

**List Number: 2**

**Creator: Stratford, Jordan**

**List Source: Eurofins Calscience**

**List Creation: 08/31/20 05:08 PM**

| Question   | Answer | Comment                            |
|--|--------|------------------------------------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A    |                                    |
| The cooler's custody seal, if present, is intact.                                | N/A    | Not present                        |
| Sample custody seals, if present, are intact.                                    | N/A    | Not Present                        |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |                                    |
| Samples were received on ice.  | True   |                                    |
| Cooler Temperature is acceptable.  | True   |                                    |
| Cooler Temperature is recorded.  | True   |                                    |
| COC is present.  | True   |                                    |
| COC is filled out in ink and legible.  | True   |                                    |
| COC is filled out with all pertinent information.                                | True   |                                    |
| Is the Field Sampler's name present on COC?                                      | False  | Received project as a subcontract. |
| There are no discrepancies between the containers received and the COC.          | True   |                                    |
| Samples are received within Holding Time (excluding tests with immediate HTs)    | True   |                                    |
| Sample containers have legible labels.   | True   |                                    |
| Containers are not broken or leaking.  | True   |                                    |
| Sample collection date/times are provided.                                       | True   |                                    |
| Appropriate sample containers are used.  | True   |                                    |
| Sample bottles are completely filled.  | True   |                                    |
| Sample Preservation Verified.  | True   |                                    |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |                                    |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | True   |                                    |
| Multiphasic samples are not present.   | True   |                                    |
| Samples do not require splitting or compositing.                                 | True   |                                    |
| Residual Chlorine Checked.   | N/A    |                                    |



## BULK SAMPLING DATA FORM & CHAIN OF CUSTODY

Project No.: 0034.010.001

Date of Sampling: August 26, 2020

Client: Peralta

Project Name: Women's and Men's Locker Room

Project Location: Laney College

Sample By: Salvador Mendoza

Activity:  Renovation  Demolition  Other

Results to: sal.mendoza@terraphase.com

Turnaround Time:  Same-Day  1-Day  2-Days  3-Days  5-Days  Other Due Date and Time:

Notes: \*prior positive stop

Analysis:  PLM  Point Count  400  1,000  CARB-435  TEM  Other: *1235*

Note: Please analyzed samples no. PCB-01 (white concrete wall seam caulk) for PCBs using analytical method EPA 8082A.

|                                     |              |           |                                 |                                    |   |
|-------------------------------------|--------------|-----------|---------------------------------|------------------------------------|---|
| Relinquished by: <i>[Signature]</i> | Date & Time: | 9/27/2020 | Received By: <i>[Signature]</i> | Date & Time: <i>09/28/20 10:05</i> | Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |
|                                     |              | 1600      |                                 |                                    |   |
| Relinquished by:                    | Date & Time: |           | Received By:                    | Date & Time:                       | Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No |



002471052

**APPENDIX B**  
**PHOTOGRAPHIC LOG**

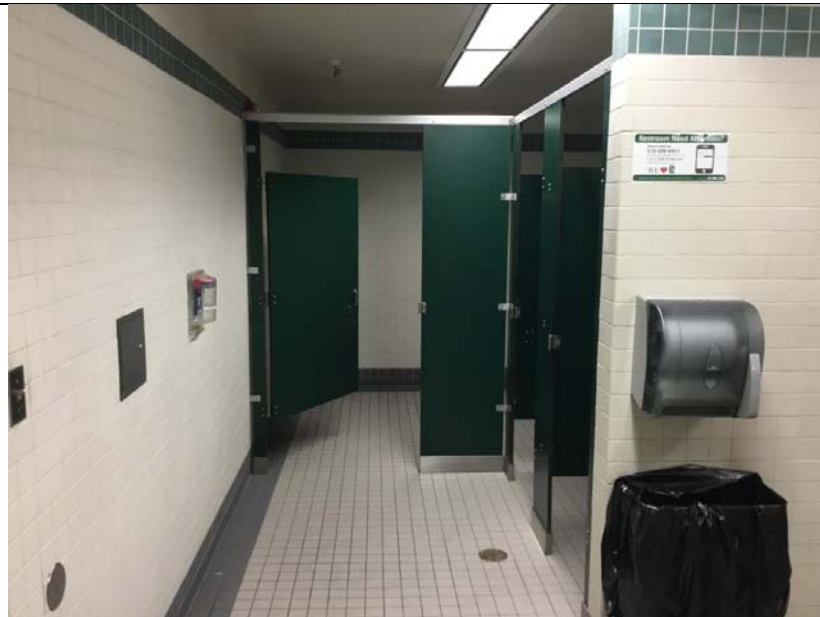
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**Photograph 1:**  
View looking northeast at the corridor leading to the men's and women's locker room located beneath the central plaza.



**Photograph 2:**  
View depicting the typical locker room restroom area.


|   |  |                               |
|---|--|-------------------------------|
| <p><b>SAFETY FIRST</b></p>  | <p>CLIENT: Peralta Community College District</p>  | <p><b>PHOTOGRAPIC LOG</b></p> |
|  | <p>PROJECT: Hazardous Building Material Survey – Locker Rooms<br/>Title IX Project – Laney College<br/>Oakland, California</p> |                               |
| <p>PROJECT NUMBER 0034.012.001</p>  | <p><b>PAGE 1</b></p>   |                               |



**Photograph 3:**  
View depicting the typical restroom and mechanical hung mirrors.



**Photograph 4:**  
View depicting the locker area.


|   |  |                               |
|---|--|-------------------------------|
| <p><b>SAFETY FIRST</b></p>  | <p>CLIENT: Peralta Community College District</p>  | <p><b>PHOTOGRAPIC LOG</b></p> |
|  | <p>PROJECT: Hazardous Building Material Survey – Locker Rooms<br/>Title IX Project – Laney College<br/>Oakland, California</p> |                               |
| <p>PROJECT NUMBER 0034.012.001</p>  | <p><b>PAGE 2</b></p>   |                               |



**Photograph 5:**  
View depicting the shower room vestibule area.



**Photograph 6:**  
View depicting the shower room area.


|   |  |                               |
|---|--|-------------------------------|
| <p><b>SAFETY FIRST</b></p>  | <p>CLIENT: Peralta Community College District</p>  | <p><b>PHOTOGRAPIC LOG</b></p> |
|  | <p>PROJECT: Hazardous Building Material Survey – Locker Rooms<br/>Title IX Project – Laney College<br/>Oakland, California</p> |                               |
| <p>PROJECT NUMBER 0034.012.001</p>  | <p><b>PAGE 3</b></p>   |                               |



**Photograph 7:**  
View depicting the ACM texture.

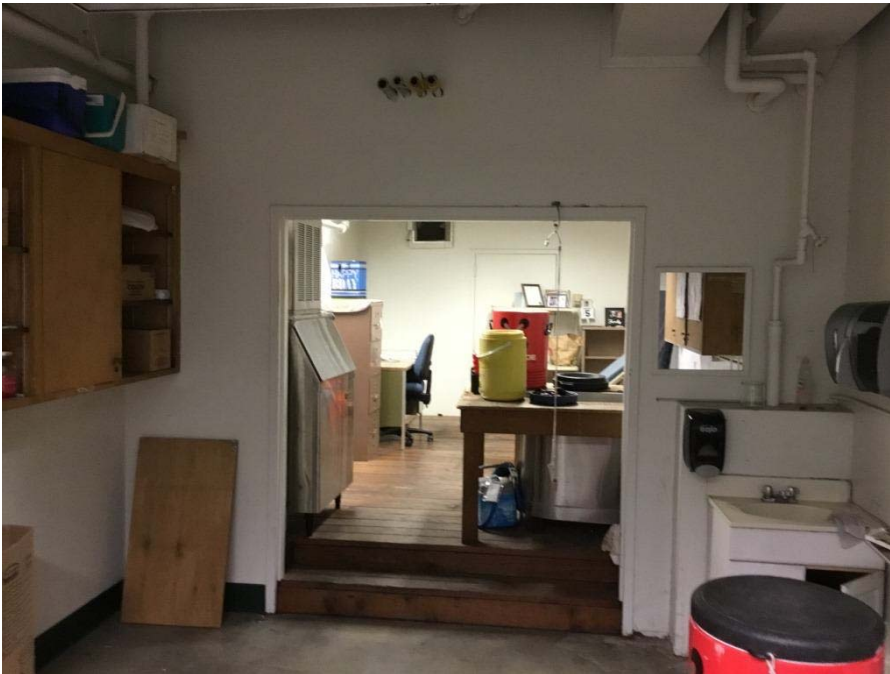


**Photograph 8:**  
View depicting the ACM tan coating.

|   |  |                               |
|---|--|-------------------------------|
| <p><b>SAFETY FIRST</b></p>  | <p>CLIENT: Peralta Community College District</p>  | <p><b>PHOTOGRAPIC LOG</b></p> |
|  | <p>PROJECT: Hazardous Building Material Survey – Locker Rooms<br/>Title IX Project – Laney College<br/>Oakland, California</p> |                               |
|   | <p>PROJECT NUMBER 0034.012.001</p>   |                               |



**Photograph 9:**  
View depicting the concrete caulking material located in the mechanical room hallway that contains trace amounts of PCBs.



**Photograph 10:**  
View depicting the trainer room and CFC containing ice machine.

**SAFETY FIRST**



CLIENT: Peralta Community College District

PROJECT: Hazardous Building Material Survey – Locker Rooms  
Title IX Project – Laney College  
Oakland, California

PROJECT NUMBER 0034.012.001

**PHOTOGRAPIC LOG**


**PAGE 5**



**Photograph 11:**  
View depicting the mechanical room.



**Photograph 12:**  
View of non-asbestos insulation pipe runs.

|   |  |                               |
|---|--|-------------------------------|
| <p><b>SAFETY FIRST</b></p>  | <p>CLIENT: Peralta Community College District</p>  | <p><b>PHOTOGRAPIC LOG</b></p> |
|  | <p>PROJECT: Hazardous Building Material Survey – Locker Rooms<br/>Title IX Project – Laney College<br/>Oakland, California</p> |                               |
| <p>PROJECT NUMBER 0034.012.001</p>  |  | <p><b>PAGE 6</b></p>          |



**Photograph 13:**  
View depicting a typical fire extinguisher located in the men’s locker room.



**Photograph 14:**  
View depicting a typical exit sign located in the men’s locker room.

**SAFETY FIRST**



CLIENT: Peralta Community College District

PROJECT: Hazardous Building Material Survey – Locker Rooms  
Title IX Project – Laney College  
Oakland, California

PROJECT NUMBER 0034.012.001

**PHOTOGRAPIC LOG**

**PAGE 7**



**APPENDIX C**  
**INSPECTOR CERTIFICATION(S)**

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DEPARTMENT OF INDUSTRIAL RELATIONS  
Division of Occupational Safety and Health  
Asbestos Certification & Training Unit  
2424 Arden Way, Suite 495  
Sacramento, CA 95825-2417  
(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [acru@dir.ca.gov](mailto:acru@dir.ca.gov)



306063386C

254

May 05, 2020

Salvador Mendoza  
1305 Gold Pan Drive  
Roseville CA 95661

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. To maintain your certification, you must abide by the rules printed on the back of the certification card.

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell  
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal - Card Attached 08/2019

Addendum One  
10/12/2020

State of California  
Division of Occupational Safety and Health  
**Certified Asbestos Consultant**

**Salvador Mendoza**  
Name

Certification No. **03-3386**

Expires on **06/25/21**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.






STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Salvador Mendoza**

**CERTIFICATE TYPE:**

Lead Inspector/Assessor

**NUMBER:**

LRC-00000496

**EXPIRATION DATE:**

7/18/2021


Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

**APPENDIX D**  
**CDPH FORM 8552**

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### LEAD HAZARD EVALUATION REPORT

|  |  |  |        |
|--|--|--|--------|
| <b>Section 1 — Date of Lead Hazard Evaluation</b> August 26, 2020  |  |  |        |
| <b>Section 2 — Type of Lead Hazard Evaluation (Check one box only)</b>   |  |  |        |
| <input checked="" type="checkbox"/> Lead Inspection <input type="checkbox"/> Risk assessment <input type="checkbox"/> Clearance Inspection <input type="checkbox"/> Other (specify) _____  |  |  |        |
| <b>Section 3 — Structure Where Lead Hazard Evaluation Was Conducted</b>  |  |  |        |
| Address [number, street, apartment (if applicable)]  |  | City   | County |
| Locker Rooms - Laney College   |  | Oakland  |        |
| Zip Code   |  | 94607  |        |
| Construction date (year) of structure  | Type of structure  | Children living in structure?  |        |
| Circa 1950   | <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare<br><input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other, Adult Locker Rooms | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> Don't Know |        |
| <b>Section 4 — Owner of Structure (if business/agency, list contact person)</b>  |  |  |        |
| Name   |  | Telephone number   |        |
| Paralta Community College District - Stan Wong   |  | 650.678.8794   |        |
| Address [number, street, apartment (if applicable)]  |  | City   | State  |
| 900 Fallon Street  |  | Oakland  | CA     |
| Zip Code   |  | 94607  |        |
| <b>Section 5 — Results of Lead Hazard Evaluation (check all that apply)</b>  |  |  |        |
| <input checked="" type="checkbox"/> No lead-based paint detected <input type="checkbox"/> Intact lead-based paint detected <input type="checkbox"/> Deteriorated lead-based paint detected<br><input type="checkbox"/> No lead hazards detected <input type="checkbox"/> Lead-contaminated dust found <input type="checkbox"/> Lead-contaminated soil found <input type="checkbox"/> Other _____ |  |  |        |
| <b>Section 6 — Individual Conducting Lead Hazard Evaluation</b>  |  |  |        |
| Name   |  | Telephone number   |        |
| Salvador Mendoza   |  | 916.661.2484   |        |
| Address [number, street, apartment (if applicable)]  |  | City   | State  |
| 1415 L Street, Suite 100   |  | Sacramento   | CA     |
| Zip Code   |  | 95814  |        |
| CDPH certification number  | Signature  | Date   |        |
| LRC - 00000496   |   | 10/8/2020  |        |
| Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)   |  |  |        |
|  |  |  |        |
| <b>Section 7 — Attachments</b>   |  |  |        |
| A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;<br>B. Each testing method, device, and sampling procedure used;<br>C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.  |  |  |        |

First copy and attachments retained by inspector  
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5856