Pre-Demolition Hazardous Materials Survey

2700 East Leland Road
Pittsburg, California

July 13, 2022

Terracon Project No. R1227237

Prepared for:

Contra Costa Community College District

Martinez, California

Prepared by:

Terracon Consultants, Inc.

Concord, California

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July 13, 2022

Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Attn: Stefan Johnson
E: stefan_j@csipm.com

RE: Pre-Demolition Hazardous Materials Survey
Los Medanos College
PS Buildings & Honors Portable Structure
Pittsburg, CA
Terracon Project No: R1227237

Dear Mr. Johnson:

Terracon Consultants, Inc. (Terracon) hereby submits the attached report for the referenced site to the Contra Costa Community College District (CCCCD). The purpose of this report is to present the data gathered during the pre-demolition hazardous materials survey that was performed at the referenced site on June 23-24, 2022. This survey was conducted in general accordance with Terracon's proposal PR1227237, dated March 31, 2022. We understand that this survey was requested due to the planned demolition of the structures listed above, which comprise a portion of the CCCCD Campus, located at 2700 East Leland Road, in Pittsburg, California

Terracon appreciates the opportunity to provide this service to CCCCD. If you have any questions regarding this report, please contact our office at your convenience.

Sincerely,
Terracon Consultants, Inc.

Steffen Steiner, CAC, CDPH Lead I/A
Office Manager

William Frieszell, CIH
Department Manager

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1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted a pre-demolition hazardous materials survey of PS Buildings and Honors Portable structure located at Los Medanos College (LMC) in Pittsburg, California. The survey was conducted on June 23-24, 2022 in general accordance with Terracon's proposal PR1227237, which was issued on March 31, 2022, as well as the asbestos sampling protocols established in Environmental Protection Agency (EPA) regulation 40 Code of Federal Regulations (CFR) Part 763 Subpart E 763.86, (Asbestos Hazard Emergency Response Act, AHERA).

The scope of this survey entailed the collection of samples from two separate structures. The PS Buildings are located at the southwestern boundary of the campus, adjacent to LMC Lake. The Honors Portable structure is situation due northeast from the PS Buildings. It should be noted that the purpose of this survey was to identify materials within the affected structures that may be impacted by the pending planned demolition project scheduled to occur at the property.

A total of thirty-seven (37) suspect asbestos containing materials (ACMs) were identified and sampled throughout the interior, exterior and roof levels of the affected structures. Of the materials sampled, six (6) were reported to contain asbestos in concentrations exceeding the laboratory limit of detection. The presence of asbestos was confirmed in each of the structures affected by this survey.

It should be noted that, at the time of the survey, the client was unable to provide access to the restroom areas, located on the first floor of the PS Buildings. All materials within this space should be assumed to contain asbestos until proven otherwise by appropriate sampling and analytical methodologies. Additional survey activities will be necessary prior to the demolition of the affected structure.

Eight (8) painted surfaces throughout the affected structures were sampled for potential lead content during the survey. One (1) painted surface, a brown pigment, was confirmed to contain lead within the PS Buildings. This material was reported at a concentration below the current regulatory threshold of five thousand parts per million (5,000 ppm), which signifies the presence of lead-based paints.

Four (4) samples samples were collected from suspect building sealants during the survey event in order to verify potential concentrations of polychlorinated biphenyls (PCBs). None of the sampled materials were reported to contain PCBs in detectable concentrations. It should be noted that sampling procedures were not intended to meet local ordinances established under the guidance of the Bay Area Storm Water Management Agencies Association (BASMAA). Based on the wood-framed nature of the affected structures, these buildings would be considered exempt from BASMAA ordinances.

Mercury containing fluorescent light tubes, compact fluorescent lights and high intensity discharge (HID) lights were present on the interior and exterior of the buildings. No mercury containing thermostats were observed within the building interiors. All suspect thermostats should be inspected for the presence of mercury prior to building demolition.

Representative fluorescent lighting ballasts inspected in the building were labeled as containing “No PCBs”. All ballasts not specifically labeled as “No PCBs” are assumed to contain PCBs.

Six (6) heating, ventilation and air conditioning (HVAC) units were located on the roofing fields of the affected structures. Labeling observed on each of these units indicated the presence of R-22 refrigerant, which is a hydrochlorofluorocarbon compound.

Project Scope

The scope of the survey was as follows:

- Inspect the interior, exterior and roof level elevations of the referenced structures for the presence of suspect ACMs, lead-containing paint, PCB-containing priority building materials and lighting ballasts, as well as mercury containing light tubes.

- Collect samples of suspect ACMs following a National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for a demolition survey.

- Asbestos bulk samples will be analyzed using polarized light microscopy (PLM) in accordance with the EPA’s July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.

- Collect bulk paint chip samples of primary painted surfaces and other building materials suspected to be lead containing. Bulk samples will be analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).

- Collect bulk samples of building sealants for PCB content. PCB samples will be analyzed using analytical method SW8082.

- Visually assess and quantify, if present, mercury containing products such as fluorescent light tubes, switches, high intensity discharge (HID) bulbs, and thermostats. Inspect lighting fixtures

for the potential presence of PCB containing ballasts.

- Visually inspect equipment with refrigerants to identify refrigerant type(s), exit signs for the presence of self-illuminating tritium gas tubes (radioactive), and life safety equipment with backup battery supplies and radioactive sources.

- Submit a written report including analytical results, regulatory requirements and conclusions.

1.1 Reliance

This report is for the exclusive use of Contra Costa Community College District (CCCCD) for the demolition of the buildings located at Los Medanos College in Pittsburg, California. Reliance by any other party on this report is prohibited without written authorization of Terracon and the client. Reliance on this report by CCCCD and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report and the project contract.

2.0 BUILDING DESCRIPTIONS

Based on publicly available information as well as Terracon's site inspection, the structures affected by this survey spanned multiple construction eras and building techniques.

The PS Buildings are wood-frames structures, enclosed by an asphaltic shingle roofing system. The Honors Portable building is enveloped by a wooden siding material with associated vapor barrier material and a sheet-metal roofing system. Interior materials are typical for office-use buildings, including gypsum-based wall systems, lay-in ceiling systems, resilient flooring and/or carpeting materials.

3.0 METHODS AND SAMPLING STRATEGY

3.1 Asbestos, Lead, PCBs, and Other Hazardous Building Materials

The survey was conducted by Matthew Chin, California Certified Asbestos Consultant (CAC) and California Department of Public Health (CDPH) Lead Inspector/Assessor. The survey effort was managed Steffen Steiner, CAC and CDPH Lead Inspector/Assessor. Copies of pertinent training certifications are included in Appendix E.

The asbestos portion of the survey was conducted in general accordance with the sample collection protocols established in EPA 40 CFR Part 763 Subpart E 763.86, AHERA. A summary of survey activities is provided below. EPA regulation 40 CFR 61, Subpart M, the National Emission Standards for Hazardous Air Pollutants (NESHAP) prohibits the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP requires

that regulated ACM be identified, classified, and quantified prior to planned disturbances, renovations, or demolition activities.

3.2 Visual Assessment - Asbestos

Survey activities were initiated with visual observation of the subject structures to identify homogeneous areas of suspect ACM. A homogeneous area (HA) consists of a building material that appears similar throughout in terms of color, size and texture with consideration given to the date of application. The assessment was conducted in all accessible areas of the buildings' interior, exterior, and roof.

3.3 Physical Assessment - Asbestos

A physical assessment of each HA of suspect ACM was conducted to assess the current friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with EPA AHERA sampling protocols. Samples of suspect materials were collected from representative locations in each homogeneous area. Bulk samples were collected using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected a total of one hundred eleven (111) bulk samples from thirty-seven (37) homogeneous areas of suspect ACM. A summary of the materials reported to contain asbestos is provided in Table I below.

3.4 Sample Analysis - Asbestos

Asbestos bulk samples were submitted under chain of custody to SGS Forensic Laboratories (SGS) in Hayward, California for analysis by polarized light microscopy with dispersion staining techniques per EPA methodology 600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation.

SGS is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) Accreditation No. 200908-0. The laboratory reports for the asbestos bulk samples are included as Appendix A.

3.5 Lead Containing Paint

Terracon collected paint chip samples to determine the lead content in parts per million (ppm) of the predominant painted interior and exterior surfaces throughout the subject structures. Suspect lead paint samples were collected in sealable containers and labeled with unique sample numbers using an indelible marker.

3.6 Visual Assessment - Lead Containing Paint

Inspection activities began with visual observations of painted surfaces to identify unique combinations of paint on building materials. A unique combination of paint consists of paint that is applied to a building material and has similar color, substrate and component. The assessment was conducted throughout the visually accessible areas of the subject building.

3.7 Physical Assessment - Lead Containing Paint

A physical assessment of the predominant combination of paints that would be expected to be impacted by pending construction activities was conducted in order to assess the condition of the paint. Typically, known lead containing paints that are in visually poor condition require stabilization activities prior to final building demolition. Lead paint chip samples were collected to comply with Cal-OSHA regulations (Title 8 CCR 1532.1 - Lead Exposure in Construction) for the proposed demolition activities. Paints were sampled to identify potential worker exposure and disposal restrictions.

Terracon collected eight (8) paint samples of suspect lead-containing paints (LCP). A summary of suspect lead samples collected during the survey is included in Table III.

3.8 Paint Analysis - Lead

Paint chip samples were submitted under chain of custody to SGS. Paint chip samples were analyzed by Flame Atomic Absorption, EPA method 3050B/7000B. SGS is accredited by the American Industry Hygiene Association's (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP) (Lab Code 101762) to perform Flame Atomic Absorption analysis. The laboratory reports for the lead paint chip samples are included as Appendix B.

3.9 PCB Materials

Bulk samples of building sealants were collected using a razor knife and were placed into individual containers. Each sample was provided a discrete sample number, which was recorded on a chain of custody form. The samples were transported under chain of custody procedures to McCampbell Analytical, Inc. in Pittsburg, California. All samples were analyzed for PCB content in accordance with EPA Method SW8082. The laboratory reports for PCB samples are included as Appendix C.

Terracon collected four (4) bulk samples of suspect PCB building materials. A summary of the PCB results is included in Table IV.

3.10 Visual Assessment - Other Hazardous Building Materials

The structures were visually surveyed for the presence of mercury containing products such as fluorescent light tubes, switches, high intensity discharge (HID) bulbs, and thermostats. Lighting fixtures were screened for the potential presence of PCB containing ballasts. Mechanical equipment with refrigerants were inspected to identify refrigerant type(s). The buildings were screened for the presence of radioactive tritium gas exit signs. All materials were visually assessed and quantified if present. No testing was performed. Materials observed, and estimated quantities are summarized below in Section 4.4.

4.0 SURVEY FINDINGS

4.1 Asbestos

A total of one hundred eleven (111) samples were collected from thirty-seven (37) suspect homogeneous ACMs throughout the interior and exterior areas of the affected structures during the survey.

Upon laboratory analysis using polarized light microscopy techniques, six (6) of the thirty-seven (37) materials identified during the survey were reported to contain asbestos in concentrations exceeding the laboratory method limit of detection. The presence of asbestos was confirmed within each of the structures affected by this survey effort. The confirmed asbestos containing materials are listed in Table I below.

Table I - Asbestos Containing Materials

HM # / Material Description	General Material Location(s)	Waste Category	Asbestos Result	Estimated Quantity*
PS Buildings				
03 / Parapet Cap Sealant - Grey	Material is Present at Perimeter Parapet Caps throughout all Roof Levels of the Structure	Cat. I	5% CH	200 sf
05 / HVAC Ducting Sealant - Grey	Material is Present at HVAC Ducting Assemblies throughout all Roof Levels of the Structure	Cat. II	2% CH	400 sf
20 / Sink Undercoating Material - Black	Material is Present at Sink Areas within Rooms 15 and the 2nd Floor Sink Closet	Cat. II	2% CH	6 sf (2 Sinks)
24 / Floor Tile System - 12" Brown Tile with Black Mastic	Material appears Limited to Prep Room 15 of the Structure	Cat. I	Floor Tile: ND Black Mastic: 2% CH	160 sf
Honors Portable Structure				
06 / Building Caulking at Wooden Joints	Material is Present throughout Exterior Wall Systems of the Structure	Cat. II	5% CH	100 lf (multiple joint assemblies)
07 / Grey Sealant	Material is Present throughout the Roofing Field System of the Structure at Edges	Cat. II	2% CH	200 sf

ND = None Detected, NA = Not Applicable, RACM = Regulated asbestos containing material (friable), Cat. I = Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal), Cat. II = Category II Non-friable (note ACM must be reclassified as a RACM if rendered friable during removal), CH = Chrysotile asbestos, AM = Amosite asbestos, sf = square feet, lf = linear feet,

*Estimated quantity should be field verified prior to abatement or abatement design

It should be reemphasized that although reasonable efforts were made to survey accessible suspect materials, additional suspect but un-sampled materials could be located under existing building materials, inside walls, above ceilings, in isolated areas or in other concealed areas. Furthermore, at the time of the survey, the client was unable to provide access to the restroom areas, located on the first floor of the PS Buildings. Therefore, if suspect materials are encountered during abatement and/or demolition activities that do not appear to have been

characterized as ACM or non-ACM, these materials must be assumed to be ACM until samples are collected and analyzed to prove otherwise. Any assumed material should be treated as asbestos or sampled to determine asbestos content before disturbing the material.

Thirty-one (31) suspect materials were sampled throughout the affected structures but were not reported to contain asbestos in detectable quantities during the survey. The reported non-ACMs and general sampling locations are listed in Table II below.

Table II - Non-Asbestos Containing Materials

Samples	Material Description	Material Locations
PS Buildings		
1A - 1E	Roofing Field System - Rolled Composition Shingle	Material is Present throughout Main Roofing Field System
2A - 2D	Roofing Mastics	Materials are Present Sporadically throughout Main Roofing Field System
4A, 4B	Vibration Dampener Cloth - White	Material is Limited to Central HVAC System at Roof Level of the Structure
6A - 6C	Roof Curbing Assembly	Material is Present at the Perimeter Curb of the Main Roofing Field System
7A - 7C	Grey Sealant on Sleeper Braces	Material is Present throughout Main Roofing Field System
8A, 8B	Vapor Barrier	Material is Present throughout Perimeter Wall Systems
9A - 9C	Interior Wall System - Drywall with Taping Compound	Material is Present throughout Interior Wall Systems on the 2nd Floor of the Structure
10A - 10E	Wall Texturing Material	Material is Present throughout Interior Wall Systems on the 2nd Floor of the Structure
11A, 11B	HVAC Sealant - Silver	Material is Present throughout 2nd Floor HVAC System at Roof Level
12A, 12B	Vibration Dampener Cloth - Black	Material is Present throughout 2nd Floor HVAC System at Roof Level
13A, 13B	HVAC Curbing Assembly	Material is Present throughout 2nd Floor HVAC Platforms at Roof Level
14A, 14B	Ceiling Tiles - 2'x4' White Lay-in System	Material is Present throughout 2nd Floor Lay-in Ceiling Systems
15A - 15E	Ceiling Tiles - 12" Ceiling Tile with Brown Adhesive	Material is Present throughout Building Interior Ceiling Systems
16A - 16E	Ceiling System - Drywall with Taping Compound	Material is Present throughout Building Interior Ceiling Systems

Samples	Material Description	Material Locations
17A, 17B	HVAC Sealant - Grey	Material is Present throughout 2nd Floor HVAC System
18A - 18C	Cove Base Adhesive - Beige on 4" Grey Cove	Material is Present throughout Interior Wall Systems on the 2nd Floor of the Structure
19A - 19E	Carpet Adhesive - Yellow	Material is Present throughout Building Interior Flooring Systems
21A - 21E	Interior Wall System - Drywall with Taping Compound	Material is Present throughout Interior Wall Systems on the 1st Floor of the Structure
22A, 22B	Cove Base Adhesive - Beige	Material is Present throughout Interior Wall Systems on the 1st Floor of the Structure
23A, 23B	Unfinished Wall System - Wallboard with Taping Compound	Material is Limited to Room 13 on the 1st Floor of the Structure
25A, 25B	Cove Base Adhesive - Brown on 4" Brown Cove	Material is Limited to Room 15 on the 1st Floor of the Structure
26A - 26C	Caulking Compound - Frame to Building	Material is Present throughout 1st Floor Window Assemblies
27A, 27B	Sidewalk Sealant - Grey	Material is Limited to Sidewalk Areas on the Eastern Side of the Structure
28A - 28C	Asphalt Paving Materials	Material is Limited to the Western Driveway Area of the Structure
29A - 29C	Building Concrete Materials	Material is Present throughout Building Foundations of the Structure
Honors Portable Structure		
1A - 1C	Carpet Adhesive - Yellow/Green	Material is Present throughout Building Interior Flooring Systems
2A - 2C	Cove Base Adhesive - Tan on 4" Brown Cove	Material is Present throughout Interior Wall Systems of the Structure
3A - 3C	Wall Paneling with Adhesive	Material is Present throughout Interior Wall Systems of the Structure
4A - 4C	Ceiling Tile - 2'x4' Lay-in System	Material is Present throughout Lay-in Ceiling Systems of the Structure
5A, 5B	Vapor Barrier	Material is Present throughout Perimeter Wall Systems of the Structure
8A, 8B	Building Concrete Materials	Material is Limited to the Exterior Stair Step Assemblies of the Structure

4.2 Lead Containing Paint and Bulk Materials

Terracon sampled eight (8) painted surfaces during the survey. One (1) of the paint samples collected was reported to contain lead in detectable concentrations upon analysis by Flame Atomic Absorption Spectroscopy. The lead containing paint was not reported to contain lead in concentrations exceeding five thousand parts per million, which is the current regulatory threshold signifying the presence of lead-based paint. A summary of lead sample locations and analytical results is below in Table III. Paint reported with "<" is below the laboratory analytical reporting limit for the sample submitted.

Table III - Lead Containing Paints and Materials

Sample No.	Material Description	Sample Location	Lead Concentration (ppm)
PS Buildings			
Pb-01	White Paint on Drywall Ceiling System	Room 14 of the Structure	ND<60
Pb-02	Brown Paint on Metal Door	Room 16 of the Structure	750
Pb-03	Brown Paint on Wooden Wall System	1st Floor of the Structure at Building Exterior	ND<70
Pb-04	Brown Paint on Wooden Wall System	2nd Floor of the Structure at Building Exterior	ND<60
Pb-05	Grey Paint on Wooden Trim	2nd Floor of the Structure at Building Exterior	ND<60
Honors Portable Structure			
Pb-01	Brown Paint on Metal ADA Handrail Assembly	Building Exterior	ND<60
Pb-02	Brown Paint on Metal Door	Building Exterior	ND<70
Pb-03	Brown Paint on Wooden Wall System	Building Exterior	ND<60

ppm = parts per million, ND = Not Detected

Uncharacterized paints should be assumed to contain lead until sampling and analysis prove otherwise. Cal-OSHA Lead in Construction standards should be followed during any construction project performed at the affected site.

4.3 PCB Containing Materials

Terracon collected four (4) bulk samples building sealants suspect to contain PCBs during the survey. None of the samples were reported with PCB concentrations exceeding the laboratory limit of detection of 10 parts per million (ppm). A summary of PCB sample locations and analytical results is provided below in Table IV.

Table IV – PCB Priority Building Materials

Homogeneous Material No.	Material Description	Sample Location	PCB Concentration (ppm)
PS Buildings			
PCB-01	Frame to Building Sealant	Window Assembly at Building Exterior	ND<10
PCB-02	Sidewalk Sealant - Grey	Eastern Exterior Sidewalk Area	ND<10
Honors Portable Structure			
PCB-03	Building Caulking Material - Grey	Exterior Wall Joint	ND<10
PCB-04	Roof Sealant - Grey	Roofing Field System at Edge	ND<10

ppm = parts per million, ND = Not Detected

4.4 Other Hazardous Building Materials

Terracon visually assessed the buildings for the presence of mercury containing products such as fluorescent light tubes, HID bulbs, mercury switches, thermostats and compact fluorescent light bulbs. Mercury-containing tubes, bulbs, switches, and thermostats should be removed from the fixtures or equipment without breakage and packaged for mercury reclamation as a universal waste through an appropriate vendor prior to removal of any fixtures. Additionally, the buildings were inspected for the presence of exit signs and emergency lighting with backup batteries.

- Terracon identified approximately 200 mercury-containing fluorescent light tubes, 25 high intensity discharge (HID) lights and 2 exit signs with backup batteries from throughout the affected structures. All of these items will require handling as universal wastes prior to final demolition.

Select lighting ballasts were inspected for labeling indicating the absence of PCBs. Ballasts observed were labeled as non-PCB ballasts. All ballasts should be inspected prior to disposal to

verify the presence/absence of PCBs. Ballasts should be assumed to be PCB-containing unless specified by the manufacturer's label as containing "No PCBs".

- Terracon identified approximately 100 fluorescent light ballasts suspect to contain PCBs.

Mechanical equipment with refrigerants were inspected by Terracon and found to contain the following refrigerant types.

- R-22: 6 HVAC units observed throughout the affected structures.

5.0 CONCLUSIONS

Based upon the survey results, Terracon concludes the following:

- Six (6) of the thirty-seven (37) materials sampled during the course of the survey were reported to contain asbestos in concentrations exceeding the laboratory method limit of detection. The presence of asbestos was confirmed within various materials in each of the structures sampled during this survey.

- Quantities provided in the above tables are for information purposes only and are not intended to serve as the basis for any sort of contractor abatement bid. All quantities must be verified in the field by selected contractors during the bidding process.

- At the time of the survey, the client was unable to provide access to the restroom areas located on the first floor of the PS Buildings. All materials within this space should be assumed to contain asbestos until proven otherwise by appropriate sampling and analytical methodologies. Additional surveillance activities will be necessary prior to the demolition of the affected structures.

- If additional suspect materials that have not been characterized as ACM or non-ACM in this report are discovered during construction related processes, these materials should be assumed to contain asbestos and be treated accordingly until proven otherwise by appropriate sampling and laboratory analysis.

- Lead was detected above the laboratory detection limit in one (1) of the eight (8) items sampled. None of the paint samples were reported to contain lead in concentrations exceeding 5,000 parts per million, which is the threshold signifying lead-based paint.

- PCBs were not reported above the laboratory's limit of analytical detection within any of the four (4) samples collected. It should be noted that sampling of these structures is not governed under local ordinances promulgated under BASMAA, due to the nature of their construction.

- Additional hazardous building materials, such as mercury containing fluorescent light fixtures, suspect PCB-containing light ballasts, regulated refrigerants, HID lights and exit signs / emergency lighting with backup battery systems were observed throughout each of the referenced structures.

6.0 REGULATORY OVERVIEW

6.1 Asbestos

The Asbestos NESHAP program in California is enforced by federal, state, and county Asbestos NESHAP Coordinators. For projects occurring in the Pittsburg, California, the Bay Area Air Quality Management District (BAAQMD) has been delegated authority from the EPA to enforce the Asbestos NESHAP within its respective jurisdictional boundaries, excluding tribal lands.

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos-containing material (RACM). The NESHAP regulation is implemented locally by the BAAQMD in their Regulation 11, Rule 2.

The asbestos NESHAP regulation classifies ACM as either RACM, Category I non-friable ACM or Category II non-friable ACM. RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity. Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos.

The California Department of Occupational Safety and Health (DOSH) asbestos standard for construction (Title 8 CCR 1529) regulates workplace exposure to asbestos. The DOSH standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as DOSH's asbestos permissible exposure limits (PELs). The DOSH standard classifies construction and maintenance activities which could disturb ACM and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

6.2 Lead Containing Paint/Materials

Personnel performing demolition activities that may disturb painted components or materials with concentrations of lead above the designated analytical detection limit should comply with all current DOSH regulations in order to minimize employee exposure. DOSH defines lead containing paint as a paint, which contains lead, regardless of the concentration. Currently, any proposed renovation/demolition is subject to the DOSH regulations (Title 8 CCR 1532.1 – Lead Exposure in Construction). The DOSH regulation defines specific training requirements, engineering controls and working practices for construction personnel subject to this standard. Occupational exposure to lead occurring in the course of construction work, including maintenance activities, painting, alteration and repairs is subject to the DOSH Lead Exposure in Construction standard.

Construction work covered by Title 8 CCR 1532.1 includes any repair or renovation activities or other activities that disturb in-place lead-containing materials, but does not include routine cleaning and repainting where there is insignificant damage, wear, or corrosion of existing lead-containing coatings or substrates. Employers must assure that no employee will be exposed to lead at concentrations greater than 50 micrograms per cubic meter ($\mu g/m^3$) averaged over an eight-hour period without adequate protection. The DOSH Standard also establishes an action level of 30 $\mu g/m^3$ which if exceeded triggers the requirement for medical monitoring.

Proper waste stream categorization is required for the disposal of all lead containing materials and painted construction debris with total lead content that exceeds 50 ppm. The debris should be classified as hazardous waste if lead waste concentrations exceed either the total lead concentration or soluble lead concentration regulatory limits. Total lead concentration is determined by Total Threshold Limit Concentration (TTLC). Soluble or leachable lead is determined by the Soluble Threshold Limit Concentration (STLC, California required test) and/or Toxicity Characteristic Leaching Procedure (TCLP) (Federal EPA required test). Regulatory limits characterize a lead waste as a hazardous waste if lead concentrations exceed 1,000 ppm by TTLC or 5 milligrams per liter by STLC or TCLP.

The above overview is not intended to be inclusive of all potentially pertinent regulatory information. The relevant EPA and OSHA standards should be consulted prior to undertaking activities involving the demolition, renovation, or maintenance of surfaces coated with lead containing paints.

6.3 Refrigerants

The use, management, and release of ozone depleting substances used as refrigerants are regulated under the Clean Air Act (CAA) of 1990. Section 608 of the CAA forbids the venting of regulated refrigerants such as chlorofluorocarbon (CFC), hydrochlorofluorocarbon (HCFC), and blended refrigerants. All regulated refrigerants associated with the building and equipment must be recovered prior to severing pressurized systems or disposal of equipment.

6.4 Universal Waste

Universal waste are common wastes with hazardous properties that must be managed and have landfill disposal restrictions. Example of universal waste include electronic devices, batteries, and mercury containing equipment or lighting. Handling, transportation, and disposal is simplified under the universal waste regulation in the California Code of Regulations Title 22, Division 4.5 Chapter 11.

All materials in the buildings meeting the definition of the universal waste must be removed prior to demolition and handled, transported and disposed through an appropriate vendor.

7.0 LIMITATIONS / GENERAL COMMENTS

Terracon performed limited destructive testing such as selective demolition of walls, dismantling of equipment or removal of protective coverings during the survey. Uncharacterized hidden materials may exist under existing finishes, equipment or structural materials.

This hazardous materials survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey at the subject site. The information contained in this report is relevant to the dates on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by Contra Costa Community College District for specific application to their project as discussed. This document is provided solely for informational purposes related to the hazardous materials survey as performed by Terracon and is not intended to serve as an abatement specification. No professional opinions have been expressed with regards to the means and/or methods to be utilized during the abatement and demolition process. All material quantities provided herein are estimates and should be verified by the owner's selected contractor(s) prior to the finalization of any bid for abatement services. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

APPENDIX A

ASBESTOS ANALYTICAL LABORATORY DATA

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 200908-0

Terracon - Emeryville
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Emeryville, CA 94608

Client ID: L1969
Report Number: B334981
Date Received: 06/28/22
Date Analyzed: 07/06/22
Date Printed: 07/06/22
First Reported: 07/06/22

Job ID/Site: R1227237 - 2700 E. Leland PS Bldg

Date(s) Collected: 06/23/2022

SGSFL Job ID: L1969
Total Samples Submitted: 89
Total Samples Analyzed: 89

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1A	12579664						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (45 %)							
Comment: 1ST FLR ROOF WEST;							
1B	12579665						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (45 %)							
Comment: 1ST FLR ROOF E CENTER;							
1C	12579666						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Grey Roof Shingle			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (45 %)							
Comment: 1ST FLR ROOF EAST;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1D	12579667						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %) Comment: 2ND FLR ROOF SOUTH;		**Asbestos (ND)**					
1E	12579668						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (45 %) Comment: 2ND FLR ROOF EAST;		**Asbestos (ND)**					
2A	12579669						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (3 %) Comment: 1ST FLOOR CENTER NORTH;		**Asbestos (ND)**					
2B	12579670						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (3 %) Comment: 1ST FLOOR ROOF;		**Asbestos (ND)**					
2C	12579671						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (3 %) Comment: 1ST FLOOR OLD ROOF HATCH;		**Asbestos (ND)**					

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Report Number: B334981

Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2D	12579672						
Layer: Black Semi-Fibrous Tar			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (3 %)		**Asbestos (ND)**					
Comment: 2ND FLOOR PIPE;							
3A	12579673						
Layer: Dark Green Non-Fibrous Material			**ND**				
Layer: Black Tar			**ND**				
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: 1ST FLOOR ROOF WEST;							
3B	12579674						
Layer: Dark Green Non-Fibrous Material			**ND**				
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: 1ST FLOOR ROOF NE;							
3C	12579675						
Layer: Beige Semi-Fibrous Material		Chrysotile	**5 %**				
Layer: Grey Non-Fibrous Material			**ND**				
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (4%)**					
Comment: 2ND FLOOR SE CORNER;							
4A	12579676						
Layer: White Woven Material with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (55 %)		**Asbestos (ND)**					
Comment: 1ST FLOOR CENTER HVAC;							
4B	12579677						
Layer: White Woven Material with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (55 %)		**Asbestos (ND)**					
Comment: 1ST FLOOR CENTER HVAC;							
5A	12579678						
Layer: Off-White Non-Fibrous Material			**ND**				
Layer: Grey/Silver Coating			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: 1ST FLOOR CENTER HVAC;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
5B	12579679						
Layer: Tan Woven Material			**ND**				
Layer: Grey/Silver Coating			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (60 %)							
Comment: 1ST FLOOR WEST;							
5C	12579680						
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: 2ND FLOOR HVAC; This comment applies to the Black Mastc only: Due to small sample size, this result may not be repeatable.							
6A	12579681						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: 1ST FLOOR WEST;							
6B	12579682						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: 1ST FLOOR SW;							
6C	12579683						
Layer: Grey Roof Shingle			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: 2ND FLOOR SE FLOOR;							
7A	12579684						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: 1ST FLOOR NORTH HVAC;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7B	12579685						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 1ST FLOOR NORTH HVAC;		**Asbestos (ND)**					
7C	12579686						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLOOR HVAC;		**Asbestos (ND)**					
8A	12579687						
Layer: Black Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %) Comment: 2ND FLOOR WALL;		**Asbestos (ND)**					
8B	12579688						
Layer: Black Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %) Comment: 2ND FLOOR WALL;		**Asbestos (ND)**					
9A	12579689						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Comment: 2ND FLOOR RM 21 SW CORNER;		**Asbestos (ND)**					
9B	12579690						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Beige Wallcovering with Adhesive			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Synthetic (7 %) Comment: 2ND FLOOR RM 23 NE CORNER;		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
9C	12579691						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Beige Wallcovering with Adhesive			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 2ND FLOOR RM 25 SE CORNER;							
10A	12579692						
Layer: White Drywall			**ND**				
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %)							
Comment: 2ND FLOOR RM 26 S WALL;							
10B	12579693						
Layer: White Drywall			**ND**				
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %)							
Comment: 2ND FLOOR RM 27 W WALL;							
10C	12579694						
Layer: White Drywall			**ND**				
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %)							
Comment: 2ND FLOOR RM 22 EAST WALL;							
10D	12579695						
Layer: White Drywall			**ND**				
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %)							
Comment: 2ND FLOOR RM 22A SOUTH WALL;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
10E	12579696						
Layer: White Drywall			**ND**				
Layer: Beige Wallcovering with Adhesive			**ND**				
Layer: White Texture			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Synthetic (15 %)							
Comment: 2ND FLOOR OPEN OFFICE NE WALL;							
11A	12579697						
Layer: Grey Adhesive			**ND**				
Layer: Foil			**ND**				
Layer: Grey/Silver Coating			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: 2ND FLOOR HVAC;							
11B	12579698						
Layer: Grey Adhesive			**ND**				
Layer: Foil			**ND**				
Layer: Beige Non-Fibrous Material			**ND**				
Layer: Grey/Silver Coating			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: 2ND FLOOR HVAC;							
12A	12579699						
Layer: Black Tar and Felt			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Synthetic (35 %)							
Comment: 2ND FLR HVAC;							
12B	12579700						
Layer: Black Tar and Felt			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Synthetic (35 %)							
Comment: 2ND FLR HVAC;							
13A	12579701						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (10 %) Fibrous Glass (35 %)							
Comment: 2ND FLR HVAC;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
13B	12579702						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (10 %) Fibrous Glass (35 %)							
Comment: 2ND FLR HVAC;							
14A	12579703						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
Comment: 2ND FLR OPEN OFFICE SOUTH;							
14B	12579704						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
Comment: 2ND FLR OFFICE;							
15A	12579705						
Layer: Brown Mastic			**ND**				
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
Comment: 2ND FLR OPEN OFFICE CENTER NORTH;							
15B	12579706						
Layer: Brown Mastic			**ND**				
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
Comment: 2ND FLR OPEN OFFICE;							
15C	12579707						
Layer: Brown Mastic			**ND**				
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
Comment: 1ST FLR RM 12;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
15D	12579708						
Layer: Brown Mastic			**ND**				
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %) Comment: 1ST FLR RM 14;		**Asbestos (ND)**					
15E	12579709						
Layer: Brown Mastic			**ND**				
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %) Comment: 1ST FLR RM 15;		**Asbestos (ND)**					
16A	12579710						
Layer: White Drywall			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %) Fibrous Glass (2 %) Comment: 2ND FLR OPEN OFFICE;		**Asbestos (ND)**					
16B	12579711						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Total Composite Values of Fibrous Components: Cellulose (15 %) Fibrous Glass (2 %) Comment: 2ND FLR OPEN OFFICE;		**Asbestos (ND)**					
16C	12579712						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Total Composite Values of Fibrous Components: Cellulose (15 %) Fibrous Glass (2 %) Comment: 1ST FLR RM 12;		**Asbestos (ND)**					
16D	12579713						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Total Composite Values of Fibrous Components: Cellulose (15 %) Fibrous Glass (2 %) Comment: 1ST FLR RM 14;		**Asbestos (ND)**					
16E	12579714						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Total Composite Values of Fibrous Components: Cellulose (15 %) Fibrous Glass (2 %) Comment: 1ST FLR RM 14;		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
17A	12579715						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR;		**Asbestos (ND)**					
17B	12579716						
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR;		**Asbestos (ND)**					
18A	12579717						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Layer: Paint			**ND**				
Layer: White Texture			**ND**				
Layer: Drywall Backing			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR RM 22A;		**Asbestos (ND)**					
18B	12579718						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Layer: Paint			**ND**				
Layer: White Texture			**ND**				
Layer: Drywall Backing			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR OPEN OFFICE NORTH;		**Asbestos (ND)**					
18C	12579719						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Beige Mastic			**ND**				
Layer: Paint			**ND**				
Layer: White Texture			**ND**				
Layer: Drywall Backing			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR RM 22;		**Asbestos (ND)**					
19A	12579720						
Layer: Yellow Mastic with Debris			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %) Comment: 2ND FLR OPEN OFFIC EAST;		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
19B	12579721						
Layer: Yellow Mastic with Debris			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (90 %) Comment: 2ND FLR RM 22A;		**Asbestos (ND)**					
19C	12579722						
Layer: Tan Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace) Comment: 1ST FLR RM 12;		**Asbestos (ND)**					
19D	12579723						
Layer: Tan Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace) Comment: 1ST FLR RM 16;		**Asbestos (ND)**					
19E	12579724						
Layer: Tan Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace) Comment: 1ST FLR RM 14;		**Asbestos (ND)**					
20A	12579725						
Layer: Black Mastic with Debris		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR SINK CLOSET;		**Asbestos (2%)**					
20B	12579726						
Layer: Black Mastic with Debris		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 2ND FLR SINK CLOSET;		**Asbestos (2%)**					
20C	12579727						
Layer: Black Mastic with Debris		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: 1ST FLR RM 15;		**Asbestos (2%)**					
21A	12579728						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Comment: 1ST FLR RM 12 NE CORNER;		**Asbestos (ND)**					

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Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
21B	12579729						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Tan Wallcovering with Adhesive			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 16 SW CORNER;							
21C	12579730						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Tan Wallcovering with Adhesive			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 14 NE CORNER;							
21D	12579731						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 15 SW CORNER;							
21E	12579732						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 4101 CLOSET;							
22A	12579733						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Off-White Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: 1ST FLR RM 12;							

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Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
22B	12579734						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Off-White Mastic			**ND**				
Layer: Dark Brown Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: 1ST FLR RM 12;							
23A	12579735						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 13;							
23B	12579736						
Layer: White Drywall			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (20 %) Synthetic (7 %)							
Comment: 1ST FLR RM 13;							
24A	12579737						
Layer: Brown Tile			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Beige Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: 1ST FLR RM 15;							
24B	12579738						
Layer: Brown Tile			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Beige Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: 1ST FLR RM 15;							

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Report Number: B334981

Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
24C	12579739						
Layer: Brown Tile			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Beige Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
Comment: 1ST FLR RM 15;							
25A	12579740						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: 1ST FLR RM 15;							
25B	12579741						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: 1ST FLR RM 15;							
26A	12579742						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Clear Adhesive			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (40 %)		**Asbestos (ND)**					
Comment: 1ST FLR RM 16 NORTH;							
26B	12579743						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Clear Adhesive			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (40 %)		**Asbestos (ND)**					
Comment: 1ST FLR RM 14 NORTH;							
26C	12579744						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Clear Adhesive			**ND**				
Layer: Wood			**ND**				
Total Composite Values of Fibrous Components: Cellulose (40 %)		**Asbestos (ND)**					
Comment: 1ST FLR RM 14 NORTH;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
27A	12579745						
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: EXTERIOR SIDE WALK COURTYARD;							
27B	12579746						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: EXTERIOR SIDE WALK COURTYARD;							
28A	12579747						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: EXTERIOR WEST DRIVEWAY;							
28B	12579748						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: EXTERIOR WEST DRIVEWAY;							
28C	12579749						
Layer: Black Asphalt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: EXTERIOR WEST DRIVEWAY;							
29A	12579750						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: STORAGE ROOM;							
29B	12579751						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: STAIRS;							
29C	12579752						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
Comment: ELECTRICAL ROOM;							

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Report Number: B334981

Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

Vincent To, Laboratory Supervisor, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Terracon
1466 66th Street Emeryville CA 94608
Tel: (510) 547-7771 Fax: (510) 547-1983

ACM BULK SAMPLE DATA SHEET
X PLM Analysis (Analyze all samples)
___ Stop Analysis at First Positive
___ Point Count Analysis (400-point)

Page 1 of 6

X PM – S. Steiner spsteiner@terracon.com
__PM – K. Schroeter kmschroeter@terracon.com
__PM – K. Pilgrim kmpilgrim@terracon.com
__PM – David Block .... David.Block@terracon.com
__PM – T. Kattchee takattchee@terracon.com
__PM – W. Frieszell wmfrieszell@terracon.com
__H. Santos Heidi.Santos@terracon.com
__D. Wallen Denise.Wallen@terracon.com

___ EmLab
___ MAL
X SGS Forensic

___RUSH
___24 Hrs.
___48 Hrs.
X ~~5 Days~~ (5DAY)

Project Name/Address/Building No.: 2700 E LELAND PS BLDG
Project #: R1227237 **Sampled By:** ME/MR **Sampling Date:** 6/23/22

HM# 1	Material Description: Rolled Composition Roof	
Sample ID	**Sample Location & Material Location**	**Quantity:**
1A	1st FLR Roof - ~~EAST~~ West	
1B	" - @ Center	
1C	" - ~~WEST~~ EAST	
1D	2nd FLR Roof - South	
1E	" - EAST	

HM# 2	Material Description: Roof mastics	
Sample ID	**Sample Location & Material Location**	**Quantity:**
2A	1st FLOOR - Center DORM FLUE	
2B	" - Roof Scupper	
2C	" - OLD Roof Hatch	
2D	2nd flor - Pipe flue	

HM# 3	Material Description: Grey - PARAPET CAP SEALANT	
Sample ID	**Sample Location & Material Location**	**Quantity:**
3A	1st Floor Roof - @ WEST	
3B	" - NE	
3C	2nd flor - SE CORNER	

HM# 4	Material Description: Vibration cloth - white	
Sample ID	**Sample Location & Material Location**	**Quantity:**
4A	1st Floor - ~~CENTER~~ HVAC	
4B	" - "	

Relinquished: ~~Received~~ Signature: _____ Date: _____ Received: _____ Signature: _____ Date: _____
Relinquished: _____ Signature: _____ Date: _____ Received: _____ Signature: _____ Date: _____

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Relinquished: C. Williams 7/5/22 10:12am

Terracon Project #: R1227237 Date: _____ Page: 2 of 6

HM# 5	Material Description Grey Duct Sealant - HVAC	
Sample ID	Sample Location & Material Location	Quantity:
5A	1st Floor - Center HVAC	
5B	↓ - West	
5C	2nd Floor - HVAC	

HM# 6	Material Description: ROOF CURB	
Sample ID	Sample Location & Material Location	Quantity:
6A	1ST FLOOR - (~~N~~) WEST	
6B	↓ - (~~NW~~) SW	
6C	2nd FLOOR - SE FLOOR	

HM# 7	Material Description: Grey Sealant on Sleepers	
Sample ID	Sample Location & Material Location	Quantity:
7A	1ST FLOOR - NORTH HVAC	
7B	↓ -	
7C	2nd Floor - HVAC	

HM# 8	Material Description: VAPOR BARRIER	
Sample ID	Sample Location & Material Location	Quantity:
8A	2nd Floor - WALL	
8B	↓	

HM# 9	Material Description: WALLBOARD STAPING HEAD	
Sample ID	Sample Location & Material Location	Quantity:
9A	2nd FLOOR - RM 21 - SW CORNER	
9B	↓ - RM 23 - NE CORNER	
9C	↓ - RM 25 - SE CORNER	

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HM# 10	Material Description WALL Texture	
Sample ID	Sample Location & Material Location	Quantity: 1500 SF
10A	2nd floor - Rm 24 - South WALL	
10B	- Rm 27 - WEST WALL	
10C	- Rm 22 - EAST WALL	
10D	- Rm 22A - South WALL	
10E	- OPEN office - NE WALL	

HM# 11	Material Description: Silver HVAC SEAM	
Sample ID	Sample Location & Material Location	Quantity:
11A	2nd floor - HVAC	
11B	↓ - ↓	

HM# 12	Material Description: BLACK Vibration Cloth	
Sample ID	Sample Location & Material Location	Quantity:
12A	2nd floor - HVAC	
12B	↓ - ↓	

HM# 13	Material Description: HVAC Ducting	
Sample ID	Sample Location & Material Location	Quantity:
13A	2nd floor HVAC	
13B	↓	

HM# 14	Material Description: 2' x 4' Ceiling tiles	
Sample ID	Sample Location & Material Location	Quantity:
14A	2nd floor - OPEN office South	
14B	↓ - ↓	

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Terracon Project #: R1227287 Date: _____ Page: 4 of 6

HM# 15	Material Description 1' x 1' Ceiling tile w/ Brown mastic
Sample ID	Sample Location & Material Location Quantity:
15A	2nd floor - OPEN office Center
15B	" - North
15C	1st Floor - Rm 12
15D	" - Rm 14
15E	" - Rm 15

HM# 16	Material Description: WALLBOARD & TAPING MUD - Ceiling
Sample ID	Sample Location & Material Location Quantity:
16A	2nd floor - Open office
16B	" "
16C	1st Floor - Rm 12
16D	" - Rm 14
16E	" - "

HM# 17	Material Description: GREY HVAC SEALANT
Sample ID	Sample Location & Material Location Quantity:
17A	2nd Floor - Above Ceiling
17B	" - "

HM# 18	Material Description: 4" GREY Cove w/ Beige Mastic
Sample ID	Sample Location & Material Location Quantity:
18A	2nd Floor - Rm 22A
18B	" - Open office - North
18C	" - Rm 22

HM# 19	Material Description: CARPET GLUE - yellow
Sample ID	Sample Location & Material Location Quantity:
19A	2nd Floor - Open office - EAST
19B	" - Rm 22A
19C	1st Floor - Rm 12
19D	" - Rm 16
19E	" - Rm 14

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Terracon Project #: _____ Date: _____ Page: 5 of 6

HM# 20	Material Description: Backer Sink under Counter
Sample ID	Sample Location & Material Location — Quantity:
20A	2nd Floor - Sink Closet
20B	" "
20C	1st Floor - Rm 15

HM# 21	Material Description: WALLBOARD & TAPING MUD
Sample ID	Sample Location & Material Location — Quantity:
21A	1st Floor - Rm 12 - NE Corner
21B	- Rm 16 - SW Corner
21C	- Rm 14 - N E CORNER
21D	- Rm 15 - SW Corner
21E	- Rm 2101 - Electrical Closet

HM# 22	Material Description: Cove Base w/ Beige Adhesive
Sample ID	Sample Location & Material Location — Quantity:
22A	1st Floor Rm - 12
22B	"

HM# 23	Material Description: Unfinished wall board & taping
Sample ID	Sample Location & Material Location — Quantity:
23A	1st Floor - Rm 13
23B	"

HM# 24	Material Description: 12" Brown tile w/ Black mastic
Sample ID	Sample Location & Material Location — Quantity:
24A	1st Floor - Rm 15
24B	" - "
24C	" - "

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Terracon Project #: _____ Date: _____ Page: 6 of 6

HM# 25	Material Description: Brown Caulk Base w/ Brown Plastic
Sample ID	Sample Location & Material Location — Quantity:
25A	1ST Floor - Rm 15
25B	" - "

HM# 26	Material Description: ~~West~~ BLDG Caulking Frame / BLDG
Sample ID	Sample Location & Material Location — Quantity:
26A	1ST FLR - Rm 16 North Windows
26B	" - Rm 14 "
26C	" " "

HM# 27	Material Description: Grey Sidewalk caulking
Sample ID	Sample Location & Material Location — Quantity:
27A	Exterior Side walk - Courtyard
27B	"

HM# 28	Material Description: Asphalt
Sample ID	Sample Location & Material Location — Quantity:
28A	Exterior - West Parking
28B	" - "
28C	" - "

HM# 29	Material Description: Concrete
Sample ID	Sample Location & Material Location — Quantity:
29A	Storage Room
29B	Stairs
29C	Electrical Room Above

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SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-0

Terracon - Emeryville
D. Block
1466 66th St.

Emeryville, CA 94608

Client ID: L1969
Report Number: B334937
Date Received: 06/28/22
Date Analyzed: 07/05/22
Date Printed: 07/06/22
First Reported: 07/06/22

Job ID/Site: R1227237 - 2700 E. Pittsburg - Honors Trailer

Date(s) Collected: 06/24/2022

SGSFL Job ID: L1969
Total Samples Submitted: 22
Total Samples Analyzed: 22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1A	12579319						
Layer: Green/Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 1;							
1B	12579320						
Layer: Green/Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 3;							
1C	12579321						
Layer: Green/Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 4;							
2A	12579322						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 1;							
2B	12579323						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 2;							
2C	12579324						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: RM 4;							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
3A	12579325						
Layer: Tan Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
Comment: RM 1;							
3B	12579326						
Layer: Tan Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
Comment: RM 2;							
3C	12579327						
Layer: Tan Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
Comment: RM 4;							
4A	12579328						
Layer: Yellow Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (99 %)							
Comment: RM 1;							
4B	12579329						
Layer: Yellow Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (99 %)							
Comment: RM 3;							
4C	12579330						
Layer: Yellow Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace) Fibrous Glass (99 %)							
Comment: RM 4;							
5A	12579331						
Layer: Brown Felt			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (95 %)							
Comment: EXT NE CORNER;							

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Report Number: B334937

Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
5B	12579332						
Layer: Brown Felt			**ND**				
Total Composite Values of Fibrous Components: Cellulose (95 %) Comment: EXT E;		**Asbestos (ND)**					
6A	12579333						
Layer: Grey Semi-Fibrous Material		Chrysotile	**5 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: EXT-SW CORNER;		**Asbestos (5%)**					
6B	12579334						
Layer: Grey Semi-Fibrous Material		Chrysotile	**5 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: EXT-NW CORNER;		**Asbestos (5%)**					
6C	12579335						
Layer: Grey Semi-Fibrous Material		Chrysotile	**5 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: EXT-SE CORNER;		**Asbestos (5%)**					
7A	12579336						
Layer: Grey Non-Fibrous Material		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: METAL ROOF @ EDGES-W;		**Asbestos (2%)**					
7B	12579337						
Layer: Grey Non-Fibrous Material		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: METAL ROOF @ EDGES-W;		**Asbestos (2%)**					
7C	12579338						
Layer: Grey Non-Fibrous Material		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: METAL ROOF @ EDGES-E;		**Asbestos (2%)**					
8A	12579339						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Comment: EXT-STEPS-DW;		**Asbestos (ND)**					

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Report Number: B334937

Client Name: Terracon - Emeryville **Date Printed:** 07/06/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
8B	12579340						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: EXT-STEPS-DW;							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Terracon

1466 66th Street Emeryville CA 94608
Tel: (510) 547-7771 Fax: (510) 547-1983

ACM BULK SAMPLE DATA SHEET

X PLM Analysis (Analyze all samples)
___ Stop Analysis at First Positive
___ Point Count Analysis (400-point)

Page 1 of 2

X PM – S. Steiner spsteiner@terracon.com
__PM – K. Schroeter kmschroeter@terracon.com
__PM – K. Pilgrim kmpilgrim@terracon.com
__PM – David Block .... David.Block@terracon.com
__PM – T. Kattchee takattchee@terracon.com
__PM – W. Frieszell wmfrieszell@terracon.com
__H. Santos Heidi.Santos@terracon.com
__D. Wallen Denise.Wallen@terracon.com

___ EmLab
___ MAL
___ SGS Forensic

____RUSH
____24 Hrs.
____48 Hrs.
X 5 Days

Project Name/Address/Building No.: 2700 E. LELAND, Pittsburg - Honors trailer
Project #: R1227237 **Sampled By:** ME **Sampling Date:** 6/24/22

HM# 1	Material Description: CARPET ADHESIVE - Green/yellow	
Sample ID	**Sample Location & Material Location**	**Quantity:**
1A	Rm 1	
1B	Rm 3	
1C	Rm 4	

HM# 2	Material Description: Cove BASE ADHESIVE - TAN + 4" BROWN Cove	
Sample ID	**Sample Location & Material Location**	**Quantity:**
2A	Rm 1	
2B	Rm 2	
2C	Rm 4	

HM# 3	Material Description: WALL PANEL W/ ADHESIVE	
Sample ID	**Sample Location & Material Location**	**Quantity:**
3A	Rm 1	
3B	Rm 2	
3C	Rm 4	

HM# 4	Material Description: 2'x4' LAY-IN Ceiling tile	
Sample ID	**Sample Location & Material Location**	**Quantity:**
4A	Rm 1	
4B	Rm 3	
4C	Rm 4	

Relinquished: ME Signature: [signature] Date: 6/24/22 Received: _____ Signature: _____ Date: _____
Relinquished: _____ Signature: _____ Date: _____ Received: _____ Signature: _____ Date: _____

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Terracon Project #: P1227237 Date: 6/24/22 Page: 2 of 2

HM# 5	Material Description VAPOR BARRIER	
Sample ID	Sample Location & Material Location	Quantity:
5A	EXTERIOR - ~~NE~~ CORNER	
5B	↓ - ~~WEST~~ EAST	

HM# 6	Material Description: Building Caulking - @ WOOD JOINTS	
Sample ID	Sample Location & Material Location	Quantity:
6A	~~EXTERIOR~~ - SW CORNER	
6B	↓ - NW CORNER	
6C	↓ - SE CORNER	

HM# 7	Material Description: Gray Sealant	
Sample ID	Sample Location & Material Location	Quantity:
7A	Metal Roof @ EDGES - WEST	
7B	↓ ↓	
7C	↓ - EAST	

HM# 8	Material Description: Concrete	
Sample ID	Sample Location & Material Location	Quantity:
8A	exterior Steps - NW	
8B	↓ ↓	

HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:

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APPENDIX B

LEAD ANALYTICAL LABORATORY DATA

SGS FORENSIC LABORATORIES

Final Report

Metals Analysis of Paints

(AIHA-LAP, LLC Accreditation, Lab ID #101762)

Terracon - Emeryville
S. Steriner
1466 66th St.

Emeryville, CA 94608

Client ID: L1969
Report Number: M242943
Date Received: 06/28/22
Date Analyzed: 07/06/22
Date Printed: 07/06/22
First Reported: 07/06/22

Job ID / Site: R1227237 - 2700 E Leland Pittsburg PS Bldg
Date(s) Collected: 6/23/22

SGSFL Job ID: L1969
Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PB-01	30907638	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
Comment: BLDG PS 14						
PB-02	30907639	Pb	0.075	wt%	0.006	EPA 3050B/7000B
Comment: BLDG PS 16						
PB-03	30907640	Pb	< 0.007	wt%	0.007	EPA 3050B/7000B
Comment: BLDG PS 1ST FLOOR EXTERIOR						
PB-04	30907641	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
Comment: BLDG PS 2ND FLOOR EXTERIOR						
PB-05	30907642	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
Comment: BLDG PS 2ND FLOOR EXTERIOR						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Kevin Poon

Kevin Poon, Laboratory Analyst, Hayward Laboratory

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Terracon

LEAD PAINT
SAMPLE DATA SHEET

* Lead Analysis
__ Flame AA (EPA 7420)
__ TTLC

PAGE 1 OF 1

✓ PM – S. Steiner spsteiner@terracon.com
__ PM – K. Schroeter kmschroeter@terracon.com
__ PM – K. Pilgrim kmpilgrim@terracon.com
__ PM – David Block David.Block@terracon.com
__ PM – T. Kattchee takattchee@terracon.com
__ PM – W. Frieszell wmfrieszell@terracon.com
__ Denise Wallen Denise.Wallen@terracon.com
__ H. Santos Heidi.Santos@terracon.com

Project Name/Address/Building No. : 270 E Ohio, Pittsburgh [redacted] PS Bldg
Project #: R1227237 Sampled By: MC/MR Sampling Date 6/23/22
Sample(s) Sent To: ___ SGS Forensic ___ MAL ___ EMLab: ___ TAT: ___ Rush ___ 24Hrs ___ 48 Hrs ___ ~~Days~~ 5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
Pb-01	Paint Color: White Substrate: DW Component: Ceiling Sample Location: Bldg. # PS Unit # ___ Room 14	
Pb-02	Paint Color: Brown Substrate: metal Component: door Sample Location: Bldg. # PS Unit # ___ Room 16	
Pb-03	Paint Color: Brown Substrate: wood Component: wall Sample Location: Bldg. # PS Unit # 1st Floor Room exterior	
Pb-04	Paint Color: Brown Substrate: wood Component: trim Sample Location: Bldg. # PS Unit # 2nd Flr Room exterior	
Pb-05	Paint Color: Grey Substrate: wood Component: trim Sample Location: Bldg. # PS Unit # 2nd flr Room exterior	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	

Relinquished By: MC Signature: [signature] Date/Time: ___
Received By: ___ Signature: ___ Date/Time: ___
Relinquished By: ___ Signature: ___ Date/Time: ___
Received By: ___ Signature: ___ Date/Time: ___

RECEIVED
JUN 28 2022
BY: SVR FX-4428 11:30

SGS FORENSIC LABORATORIES

Final Report

Metals Analysis of Paints

(AIHA-LAP, LLC Accreditation, Lab ID #101762)

Terracon - Emeryville
S. Steiner
1466 66th St.

Emeryville, CA 94608

Client ID: L1969
Report Number: M242927
Date Received: 06/28/22
Date Analyzed: 07/06/22
Date Printed: 07/06/22
First Reported: 07/06/22

Job ID / Site: R1227237 - Honors Trailer-LMC 2700 E Leland Pittsburg
Date(s) Collected: 6/24/22

SGSFL Job ID: L1969
Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PB-01	30907625	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
Comment: HONORS EXT						
PB-02	30907626	Pb	< 0.007	wt%	0.007	EPA 3050B/7000B
Comment: HONORS EXT						
PB-03	30907627	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
Comment: HONORS EXT						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Kevin Poon

Kevin Poon, Laboratory Analyst, Hayward Laboratory

Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.

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Terracon

LEAD PAINT
SAMPLE DATA SHEET

* Lead Analysis
__ Flame AA (EPA 7420)
__ TTLC

PAGE 1 OF 1

X PM – S. Steiner spsteiner@terracon.com
__PM – K. Schroeter kmschroeter@terracon.com
__PM – K. Pilgrim kmpilgrim@terracon.com
__PM – David Block David.Block@terracon.com
__PM – T. Kattchee takattchee@terracon.com
__PM – W. Frieszell wmfrieszell@terracon.com
__Denise Wallen Denise.Wallen@terracon.com
__H. Santos Heidi.Santos@terracon.com

Project Name/Address/Building No. : Honors Trailer - LMC 2700 E Leland Pittsburg
Project #: R1227237 Sampled By: [signature] Sampling Date 6/24/22
Sample(s) Sent To: X SGS Forensic __ MAL __ EMLab: __ TAT: __ Rush __ 24Hrs __ 48 Hrs (5 Days)

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
Pb-01	Paint Color: Brown Substrate: metal Component: ADA Ramp Rail Sample Location: Bldg. # Honors Unit # ___ Room exterior	F
Pb-02	Paint Color: Brown Substrate: metal Component: Door Sample Location: Bldg. # Honors Unit # ___ Room exterior	F
Pb-03	Paint Color: Brown Substrate: wood Component: wall Sample Location: Bldg. # Honors Unit # ___ Room exterior	I
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	
	Paint Color: ___ Substrate: ___ Component: ___ Sample Location: Bldg. # ___ Unit # ___ Room ___	

Relinquished By: [signature] Signature: [signature] Date/Time: 6/24/22
Received By: ___ Signature: ___ Date/Time: ___
Relinquished By: ___ Signature: ___ Date/Time: ___
Received By: ___ Signature: ___ Date/Time: ___

RECEIVED
JUN 2 8 2022
SVR
BY: FX-4428 11:30

APPENDIX C

PCB ANALYTICAL LABORATORY DATA

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2206H64

Report Created for: Terracon

1220 Concord Avenue, Suite 450
Concord, CA 94520

Project Contact: Steffen Steiner
Project P.O.:
Project: R1227237; 2700 E Leland, Pittsburg

Project Received: 06/24/2022

Analytical Report reviewed & approved for release on 07/01/2022 by:

Yen Cao
Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Terracon **WorkOrder:** 2206H64

Project: R1227237; 2700 E Leland, Pittsburg

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Terracon **WorkOrder:** 2206H64

Project: R1227237; 2700 E Leland, Pittsburg

Analytical Qualifiers

a4	Reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
h4	Sulfuric acid permanganate (EPA 3665) cleanup.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Terracon	**WorkOrder:**	2206H64
Date Received:	06/24/2022 12:16	**Extraction Method:**	SW3550B/3630C
Date Prepared:	06/24/2022	**Analytical Method:**	SW8082
Project:	R1227237; 2700 E Leland, Pittsburg	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors w/ Column Style Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-01	**2206H64-001A**	**Caulk**	**06/24/2022**	**GC22 06292258.D**	**248330**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	10	20	06/30/2022 04:54
Aroclor1221	ND	10	20	06/30/2022 04:54
Aroclor1232	ND	10	20	06/30/2022 04:54
Aroclor1242	ND	10	20	06/30/2022 04:54
Aroclor1248	ND	10	20	06/30/2022 04:54
Aroclor1254	ND	10	20	06/30/2022 04:54
Aroclor1260	ND	10	20	06/30/2022 04:54
PCBs, total	ND	10	20	06/30/2022 04:54

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	81	70-130	06/30/2022 04:54

Analyst(s): CK Analytical Comments: a4,h4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-02	**2206H64-002A**	**Caulk**	**06/24/2022**	**GC22 06292262.D**	**248330**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	10	20	06/30/2022 05:59
Aroclor1221	ND	10	20	06/30/2022 05:59
Aroclor1232	ND	10	20	06/30/2022 05:59
Aroclor1242	ND	10	20	06/30/2022 05:59
Aroclor1248	ND	10	20	06/30/2022 05:59
Aroclor1254	ND	10	20	06/30/2022 05:59
Aroclor1260	ND	10	20	06/30/2022 05:59
PCBs, total	ND	10	20	06/30/2022 05:59

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	89	70-130	06/30/2022 05:59

Analyst(s): CK Analytical Comments: a4,h4

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Terracon	**WorkOrder:**	2206H64
Date Received:	06/24/2022 12:16	**Extraction Method:**	SW3550B/3630C
Date Prepared:	06/24/2022	**Analytical Method:**	SW8082
Project:	R1227237; 2700 E Leland, Pittsburg	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors w/ Column Style Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-03	**2206H64-003A**	**Caulk**	**06/24/2022**	**GC22 06292263.D**	**248330**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	10	20	06/30/2022 06:16
Aroclor1221	ND	10	20	06/30/2022 06:16
Aroclor1232	ND	10	20	06/30/2022 06:16
Aroclor1242	ND	10	20	06/30/2022 06:16
Aroclor1248	ND	10	20	06/30/2022 06:16
Aroclor1254	ND	10	20	06/30/2022 06:16
Aroclor1260	ND	10	20	06/30/2022 06:16
PCBs, total	ND	10	20	06/30/2022 06:16

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	87	70-130	06/30/2022 06:16

Analyst(s): CK Analytical Comments: a4,h4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-04	**2206H64-004A**	**Caulk**	**06/24/2022**	**GC22 06292268.D**	**248330**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	10	20	06/30/2022 07:37
Aroclor1221	ND	10	20	06/30/2022 07:37
Aroclor1232	ND	10	20	06/30/2022 07:37
Aroclor1242	ND	10	20	06/30/2022 07:37
Aroclor1248	ND	10	20	06/30/2022 07:37
Aroclor1254	ND	10	20	06/30/2022 07:37
Aroclor1260	ND	10	20	06/30/2022 07:37
PCBs, total	ND	10	20	06/30/2022 07:37

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	85	70-130	06/30/2022 07:37

Analyst(s): CK Analytical Comments: a4,h4

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Terracon	**WorkOrder:**	2206H64
Date Prepared:	06/24/2022	**BatchID:**	248330
Date Analyzed:	06/30/2022	**Extraction Method:**	SW3550B/3630C
Instrument:	GC22	**Analytical Method:**	SW8082
Matrix:	Bulk Material	**Unit:**	mg/kg
Project:	R1227237; 2700 E Leland, Pittsburg	**Sample ID:**	MB/LCS/LCSD-248330

QC Summary Report for SW8082 w/ Column Clean-up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aroclor1016	ND	0.050	0.050	-	-	-
Aroclor1221	ND	0.050	0.050	-	-	-
Aroclor1232	ND	0.050	0.050	-	-	-
Aroclor1242	ND	0.050	0.050	-	-	-
Aroclor1248	ND	0.050	0.050	-	-	-
Aroclor1254	ND	0.050	0.050	-	-	-
Aroclor1260	ND	0.050	0.050	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.045			0.05	90	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1016	0.17	0.17	0.15	112	113	70-130	1.19	20
Aroclor1260	0.17	0.17	0.15	112	116	70-130	3.27	20
Surrogate Recovery								
Decachlorobiphenyl	0.045	0.047	0.050	89	93	70-130	4.59	20

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2206H64 **ClientCode: RGAE**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☐ Excel

Report to:
Steffen Steiner
Terracon
1466 66th Street
Emeryville, CA 94608
(510) 547-7771 FAX: (510) 547-1983

Email: steff.steiner@terracon.com
cc/3rd Party:
PO:
Project: R1227237; 2700 E Leland, Pittsburg

Bill to:
Anita G. Ilsley
Terracon
1466 66th Street
Emeryville, CA 94608
apinvoices@terracon.com

Requested TAT: **5 days;**

Date Received: **06/24/2022**
Date Logged: **06/24/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2206H64-001	PCB-01	Caulk	6/24/2022 00:00	☐	A	A										
2206H64-002	PCB-02	Caulk	6/24/2022 00:00	☐	A	A										
2206H64-003	PCB-03	Caulk	6/24/2022 00:00	☐	A	A										
2206H64-004	PCB-04	Caulk	6/24/2022 00:00	☐	A	A										

Test Legend:

1	8082_PCB_SG_Caulk	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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WORK ORDER SUMMARY

Client Name: TERRACON
Client Contact: Steffen Steiner
Contact's Email: steff.steiner@terracon.com

Project: R1227237; 2700 E Leland, Pittsburg
Comments

Work Order: 2206H64
QC Level: LEVEL 2
Date Logged: 6/24/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ■ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	PCB-01	Caulk	SW8082 (PCBs w/ Column Style Clean-up)	1	Plastic Baggie, Small	☐	☐	☐	6/24/2022	5 days	7/5/2022		☐	☐
002A	PCB-02	Caulk	SW8082 (PCBs w/ Column Style Clean-up)	1	Plastic Baggie, Small	☐	☐	☐	6/24/2022	5 days	7/5/2022		☐	☐
003A	PCB-03	Caulk	SW8082 (PCBs w/ Column Style Clean-up)	1	Plastic Baggie, Small	☐	☐	☐	6/24/2022	5 days	7/5/2022		☐	☐
004A	PCB-04	Caulk	SW8082 (PCBs w/ Column Style Clean-up)	1	Plastic Baggie, Small	☐	☐	☐	6/24/2022	5 days	7/5/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

-22060464

Terracon

FAX OR E-MAIL REPORT TO: (PM below)

ENVIRONMENTAL
SAMPLE DATA SHEET

☒ PM – S. Steiner spsteiner@terracon.com
☐ PM – K. Schroeter kmschroeter@terracon.com
☐ PM – K. Pilgrim kmpilgrim@terracon.com
☐ PM – W. Frieszell wmfrieszell@terracon.com
☐ PM – T. Kattchee takattchee@terracon.com
☐ PM – D. Block David.Block@terracon.com
☐ D. Wallen denise.wallen@terracon.com
☐ M. Chin mpchin@terracon.com

Additional report recipient(s) _____

Project Name/ Address/ Building No. 2700 E Lelands, Pittsburg

Project# R1227237 **Sampled By:** ME **Sampling Date:** 6/24/22 **Shipping:** ☐ Priority ☐ Standard Overnight

Sample(s) sent to: ☐ EMLAB ☐ McCampbell ☐ Other _____ **TAT** ☐ Rush ☐ 24HRS ☒ 3-5 days STAT

Sample I.D.	Type	Sample Location	Time (on)	Time (off)	Total Time	Flow Rate (LPM)	Volume (L) Or Area (cm^2)	Direct Exam	Other biologicals	Analysis/ other analysis notes
PCB-01		PS BLDG - FRAME TO BLDG Caulking								PCB 8082/3082A 50 ppm LOD
PCB-02		PS BLDG - GREY CAULK - SIDE WALK								
PCB-03		Honors TRAILER - BLDG CAULK GREY								
PCB-04		Honors TRAILER - Roof SEAMS GREY CAULK								

Relinquished By: Valerie Alfaro **Signature:** _____ **Date/Time:** 6/24/22
Received By: _____ **Signature:** _____ **Date/ Time:** 6/24/22 1216
Relinquished By: _____ **Signature:** _____ **Date/Time:** _____
Received By: _____ **Signature:** _____ **Date/Time:** _____

11.5 blue

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Terracon**	Date and Time Received:	**6/24/2022 12:16**
Project:	**R1227237; 2700 E Leland, Pittsburg**	Date Logged:	**6/24/2022**
		Received by:	Valerie Alfaro
WorkOrder №:	**2206H64** Matrix: Caulk	Logged by:	Lilly Ortiz
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

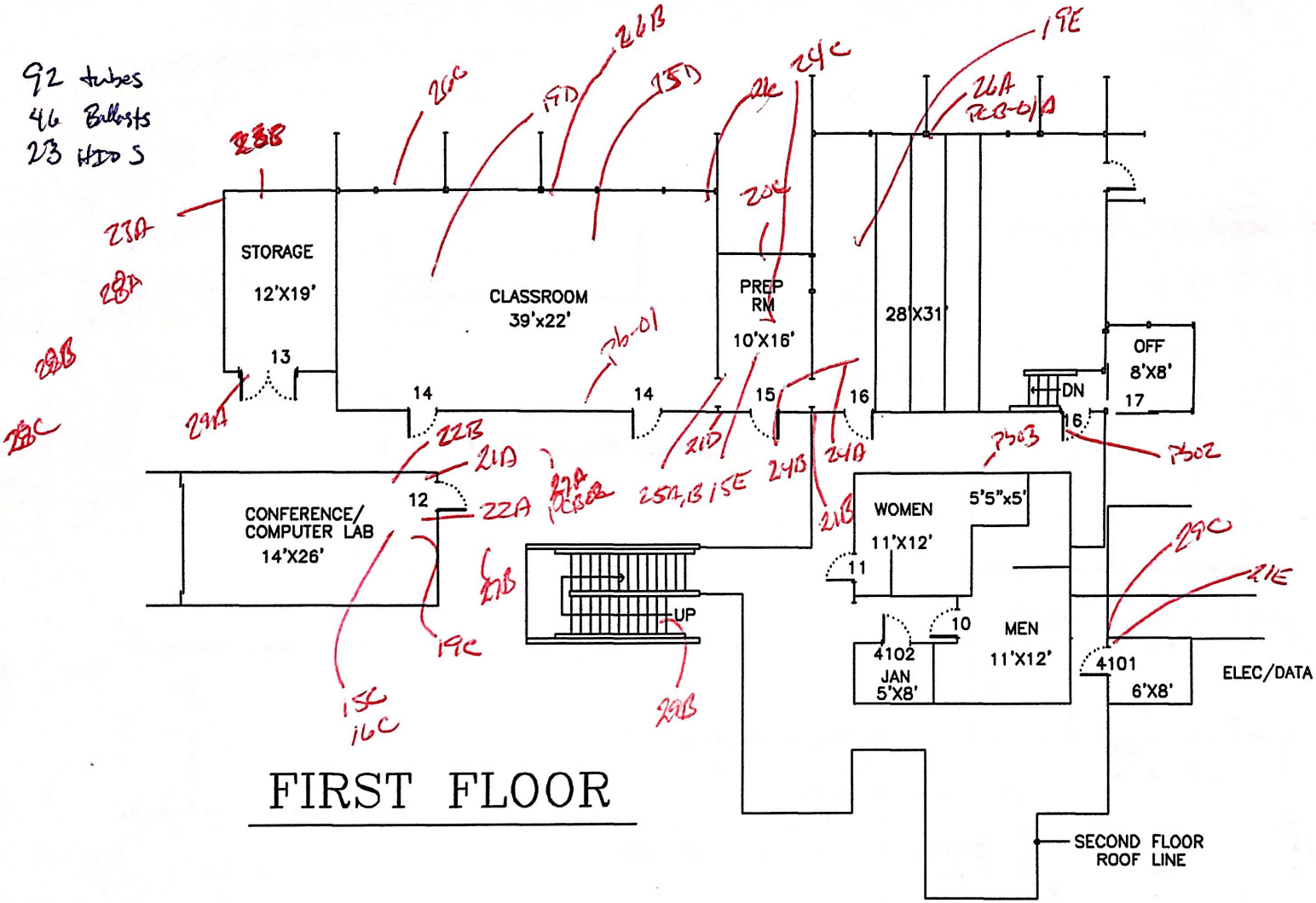
All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: BLUE ICE)						
Sample/Temp Blank temperature	Temp: 11.5°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

APPENDIX D

SAMPLE LOCATION FIELD DIAGRAMS

92 tubes
46 Ballasts
23 HID S



FIRST FLOOR

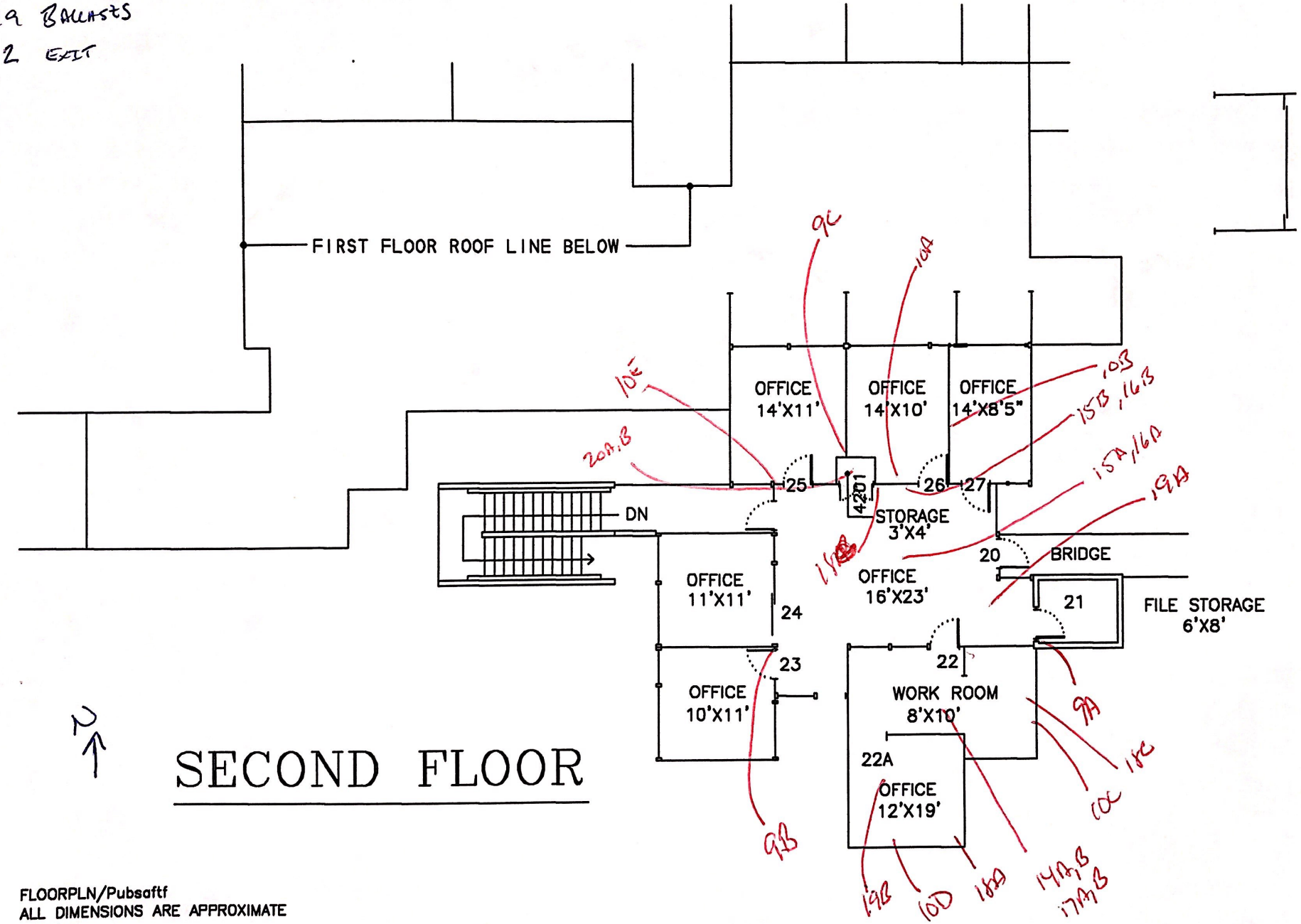
BLDG. NAME ABBREVIATED
PS
BLDG. CODE
018

N

0 5 10 20 40
SCALE: 1" = 20'

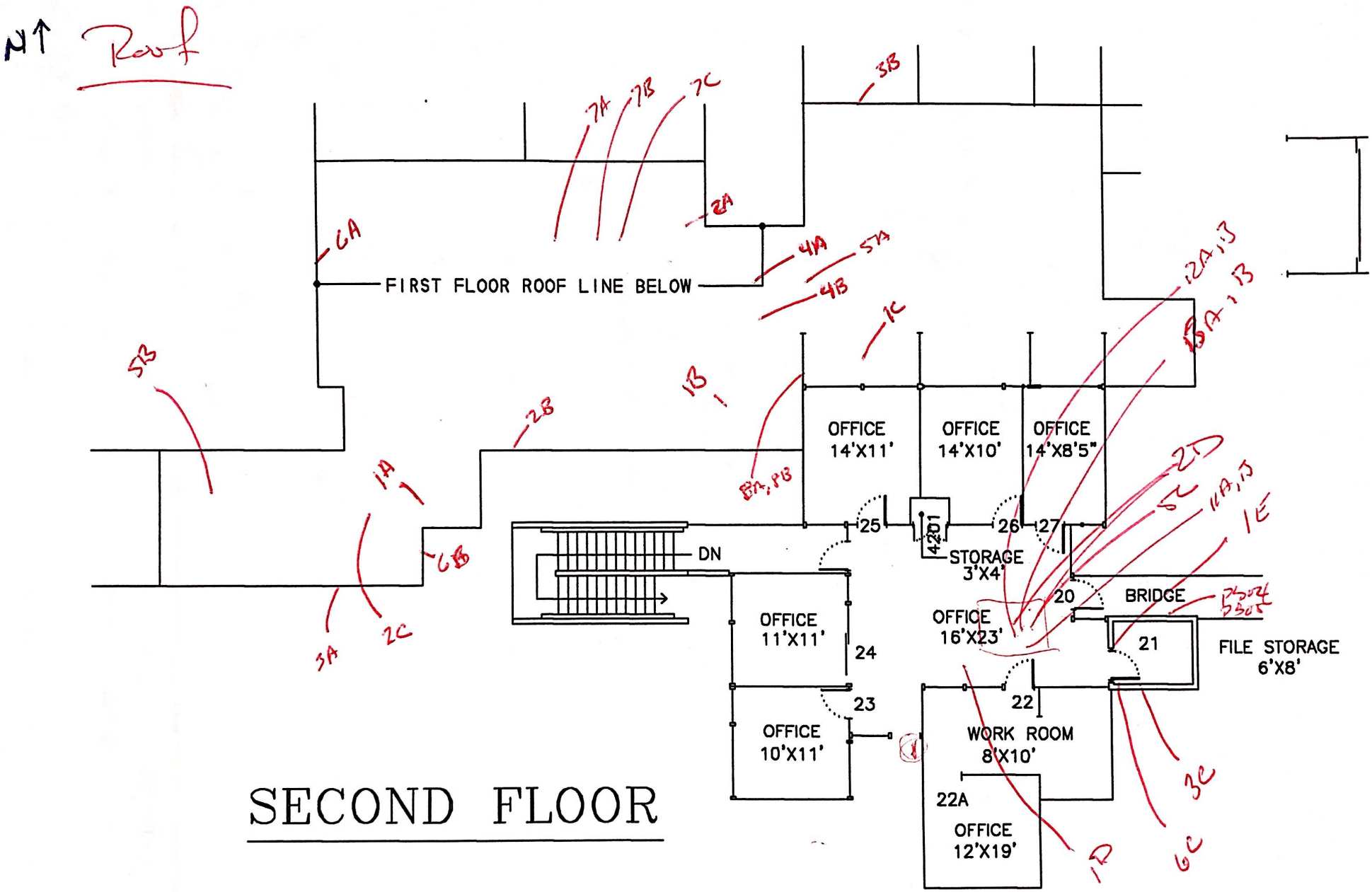
LOS MEDANOS COLLEGE – CCCD

58 tubes
29 Ballasts
2 EXIT



SECOND FLOOR

FLOORPLN/Pubsaftf
ALL DIMENSIONS ARE APPROXIMATE
9/9/03



FLOORPLN/Pubsaftf
ALL DIMENSIONS ARE APPROXIMATE
9/9/03

Terracon

PROJECT: Honors Trailer - Lake Page _____ of _____

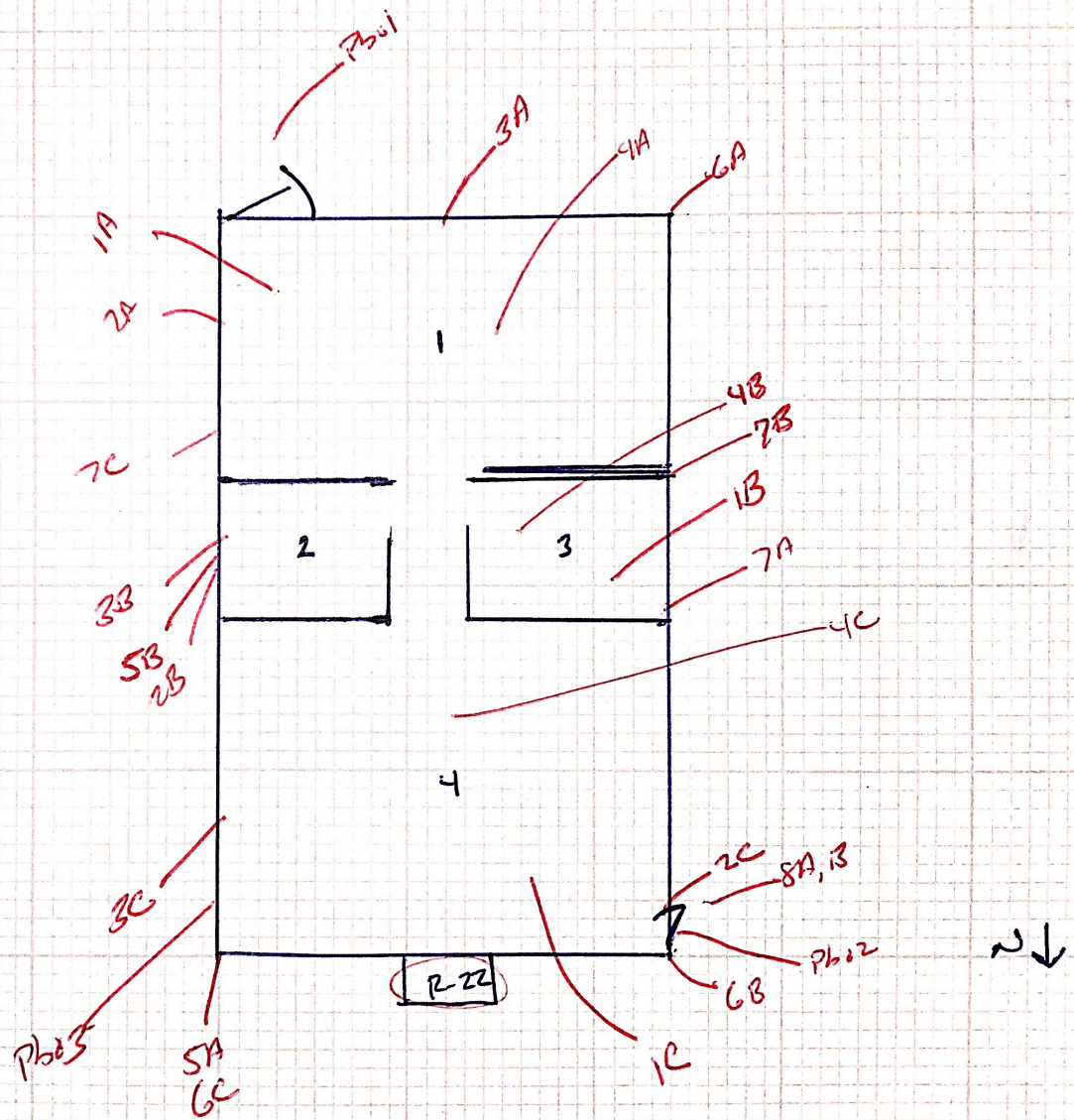
JOB NO. R1227237 Date _____ Comp. By _____ CHECKED BY: _____

2 - HIDS

40 tubes

20 Baffles

1 - R22



Form 112—5-93

APPENDIX E

CERTIFICATIONS

Gavin Newsom, Governor

STATE OF CALIFORNIA

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html acru@dir.ca.gov

802064332C **311**

January 26, 2022

Matthew P Chin
4283 Fitzwilliam Street
Dublin CA 94568

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


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

Matthew P Chin
Name

Certification No. **08-4332**

Expires on **02/21/23**

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.

Renewal – Card Attached (Revised 06/2020)

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00002676	10/5/2022
	Lead Project Monitor	LRC-00002675	10/5/2022

Matthew Chin

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 or calling (800) 597-LEAD.

STATE OF CALIFORNIA — Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html acru@dir.ca.gov

212150850C **034**

November 02, 2021

Steffen Paul Steiner

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)].

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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 (Revised 06/2020)

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Steffen Steiner**	Lead Inspector/Assessor	LRC-00005586	5/15/2023

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 or calling (800) 597-LEAD