



**Addendum NO. 1**

(Issued March 28<sup>th</sup>, 2024)

Bid No. 22142 (“Project” or “Contract”)  
**Urban Promise Academy – Re-Roofing Project**  
**3031 E 18<sup>th</sup> Street, Oakland CA 94601**

The following changes, additions, modifications and corrections hereinafter set forth shall apply to the Proposal and shall be made a part thereof and subject to all the requirements thereof, as if originally specified and/or shown;

Please see the attached Hazmat Report from ACC environmental for this project. Please review in conjunction with your bid.

Attachment(s):

Limited Asbestos, Lead, and PCB Survey for the Planned Roof Replacement Project (24 Pages)  
Urban Promise Academy

**End of Addendum**



March 28, 2024

Ms. Nicole Wells  
Oakland Unified School District  
955 High Street  
Oakland, CA 94601

Transmitted Electronically: [nicole.wells@ousd.org](mailto:nicole.wells@ousd.org)

**Re: Limited Asbestos, Lead, and PCB Survey for the Planned Roof Replacement Project  
Urban Promise Academy  
3031 E. 18<sup>th</sup> Street, Oakland, California  
ACC Project No. 3029-336.00**

Dear Ms. Wells:

Per your request, ACC Environmental Consultants, Inc. (ACC) performed a limited asbestos survey of Urban Promise Academy, 3031 E. 18<sup>th</sup> Street, Oakland, California (subject site) on March 11, 2024. The survey of the site was limited to suspect asbestos-containing building materials, loose & peeling lead-containing paint, and PCB containing caulking/patching materials that may be impacted during the planned roof replacement project.

ACC conducted the survey of the subject site according to the scope of work as outlined in the proposal dated March 8, 2024. Building components not associated with the planned project were not sampled. Furthermore, lead sampling was conducted to identify suspect lead-containing coatings that may be disturbed by project activities for the purpose of compliance with Cal-OSHA’s Lead in Construction Standard and is not intended to be a “Lead Inspection” or “Lead Risk Assessment” as defined by the California Department of Public Health.

### Asbestos Bulk Sample Results

Mr. Gus Valarian, a Cal-OSHA Certified Site Surveillance Technician (CSST#17-6107) with ACC, performed bulk sampling of suspect asbestos-containing roofing materials on March 11, 2024. Fifteen (15) samples of suspect materials were submitted for analysis. Copies of the laboratory results are attached.

The samples were delivered to SGS of Hayward, California, an independent laboratory that participates in the bulk sample proficiency analysis program conducted by the United States Environmental Protection Agency (EPA) and is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). The samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining to estimate percent composition by volume. Samples with less than 1% (<1%) asbestos are designated as “Trace asbestos.” Samples with no observable asbestiform minerals are designated as “no asbestos detected.”

### Summary of Asbestos Bulk Sample Results

Sample Number	Material Description	Material Location	Results	Approx. Quantity*	NESHAPS Category <sup>1</sup>	OSHA Class <sup>2</sup>
CK-1-1, 2, & 3	Gray Caulking	HVAC System Joints and Seams	Non-Fibrous: No Asbestos Detected	N/Q	N/A	N/A
RP-2-1, 2, & 3	White Roof Patching	Partial Roof Penetrations and Partial South Roof Field	Non-Fibrous: No Asbestos Detected Black Tar: No Asbestos Detected	N/Q	N/A	N/A

Sample Number	Material Description	Material Location	Results	Approx. Quantity*	NESHAPS Category <sup>1</sup>	OSHA Class <sup>2</sup>
RF-3-1, 2, & 3	Black Roofing Material	Throughout all Roof Field	Black Fibrous: No Asbestos Detected Tan Fibrous: No Asbestos Detected	N/Q	N/A	N/A
RP-4-1, 2, & 3	Black Roof Patching	Partial Roof and Penetration Patches Throughout	Non-Fibrous: No Asbestos Detected	N/Q	N/A	N/A
RP-5-1, 2, & 3	Rolled Asphalt Roof	Bases of all HVAC Units	Roof Shingle: No Asbestos Detected	N/Q	N/A	N/A

\*Approximate quantities should be verified during any project planning. ACC did not perform a fully destructive investigation to identify all concealed conditions.

<sup>1</sup>EPA’s NESHAPS regulations define categories of asbestos-containing materials (ACM) based on their potential of asbestos fiber release when disturbed:

- Friable - Any material containing more than 1 percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I Non-friable ACM (Cat I NF) - Asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1 percent asbestos.
- Category II Non-friable ACM (Cat II NF) - Any material, excluding Category I non-friable ACM containing more than 1 percent asbestos as determined using the methods specified under AHERA, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

<sup>2</sup>OSHA’s Asbestos in Construction Standard (Federal - 29 CFR 1910.126 and California – 8 CCR 1529) define specific “Classes” of work based on the risk of exposure to employees with the potential for disturbance of asbestos-containing materials. The classes of work are defined as

- Class 1 - Asbestos-related activities involving the removal of thermal systems insulation (TSI) and surfacing ACM or presumed ACM.
- Class 2 - Asbestos-related activities involving the removal of ACM which are not TSI or surfacing ACM.

### Asbestos Sampling Conclusions & Recommendations

Based on the sample results, suspect materials that will reportedly be disturbed during planned roof replacement project activities do not contain asbestos. If additional suspect materials and/or concealed conditions are identified in the project area that have not been sampled, please contact ACC for direction and sampling prior to disturbing the materials.

A review of all other asbestos survey information available for the property in conjunction with these results should be conducted prior to proceeding with project activities and when a change in the project scope is developed. If suspect asbestos-containing materials will be impacted that are not addressed in this survey or in the historical survey records, additional sampling should be conducted prior to disturbance. Historical records (typically predating 1995) have limited value for project planning and should be verified with confirmatory inspection and additional sampling as necessary prior to project planning.

### Lead Sampling Results

Mr. Gus Valerian, a California Department of Public Health Lead Sampling Technician (LRC #30722) with ACC, collected three (3) bulk samples to establish lead-paint concentration for cleanup and disposal requirements. Samples with detectable amounts of lead must be properly removed and disposed of according to local, state and federal regulations. Lead sampling was conducted to identify suspect lead-containing coatings that may be disturbed by project activities for the purpose of compliance with Cal-OSHA’s Lead in Construction Standard and is not intended to be a “Lead Inspection” or “Lead Risk Assessment” as defined by the California Department of Public Health.

The bulk samples were obtained from suspect lead-containing paint identified at the building. Paint sampling was limited to major paint colors on exterior surfaces and may not represent all colors found at the property. Paint colors and/or descriptions are identified based on the surface color observed by ACC at the time of the survey and does not necessarily identify paint descriptions underlying the surface coat.

The samples were delivered to SGS of Hayward, California, an independent American Industrial Hygiene Association (AIHA) accredited laboratories, for analysis. Samples were analyzed by Atomic Absorption (AA)

Spectroscopy in accordance with the EPA 3050B/7420 Method. The colors, locations, and lead contents of these paints are listed below.

**Summary of Lead Bulk Sample Results**

Sample Number	Material Description	Material Location	Lead Content	Approximate Quantity*
PT-1	Silver Paint on Metal	South Roof Field HVAC Exhaust Base	1.3 wt%	3 SF
PT-2	Off-White Paint on Concrete	South Roof Field, Roof Partition Wall	0.9 wt %	580 SF
PT-3	Green Paint on Wood and Metal	Throughout Roof Trim	1.4 wt%	420 SF

\*Quantity for "paint" reflects approximate area of loose & peeling only, not all painted surfaces.

**Lead Sampling Conclusions & Recommendations**

The three (3) samples collected were reported to contain lead above 0.5%, 5,000 parts per million (weight by weight), or 1.0 mg/cm<sup>2</sup> which is the definition for lead-based paint by the Environmental Protection Agency (EPA) and the California Department of Public Health (CDPH). The OSHA Lead in Construction Standard requires the use of special work practices during the disturbance of paint with any detectable amounts of lead. See OSHA Lead Regulation Summary below.

Lead containing waste materials with a concentration greater than 0.1%, for total lead, is considered hazardous waste in the State of California. Lead containing waste materials with a total lead concentration between 0.005% (50 ppm) and 0.10% (1000 ppm) must be re-analyzed using the waste extraction test (WET) method to determine the soluble lead content for waste disposal requirements.

The EPA – Renovation, Repair and Painting Final Rule (40 CFR 745) requires that renovations conducted for compensation (where lead-based paint will be disturbed) in Target Housing or Child-Occupied facilities, must be performed by Certified Firms using Certified Renovators following the requirements set forth in the regulation.

Contractors are also required to notify the Division of Occupational Safety and Health (DOSH) prior to disturbing greater than 100 square feet or 100 linear feet of material containing lead greater than 0.5% by weight, 5000 parts per million (ppm) or 1.0 milligram per square centimeter (mg/cm<sup>2</sup>).

**OSHA Lead Regulation Summary**

The Federal Occupational Safety and Health Administration (OSHA), has enacted a lead standard, which was adopted by the Cal/OSHA as 8 CCR 1532.1. The purpose of both standards is to protect construction workers from exposure to lead. OSHA is primarily concerned with activities that disturb paints with any detectable amounts of lead. Lead was used in most paints until the mid 1950's and was banned in amounts in excess of 0.06% by weight in 1978 for most non-industrial paints by the Consumer Product Safety Commission (CPSC).

The Cal/OSHA standard requires contractors and employers to notify the State of California Division of Occupational Safety and Health (DOSH) prior to disturbing greater than 100 square feet or 100 linear feet of material containing lead greater than 0.5%, 5,000 parts per million (weight by weight), or 1.0 mg/cm<sup>2</sup>. The Cal/OSHA standard also requires contractors and employers who perform paint removal activities to monitor their employees to determine whether they are being exposed in excess of the action level of 30 micrograms per cubic meter of air (µg/m<sup>3</sup>) over an eight-hour time weighted average (TWA) or the "Permissible Exposure Limit" (PEL) of 50 µg/m<sup>3</sup> TWA. Monitoring is performed by personal air sampling.

Even when concentrations are below the action level, an employer must provide employees with High Efficiency Particulate Air (HEPA) filtered vacuums, wetting agents and hand-washing facilities. If the exposure exceeds the action level or the PEL, other procedures such as containing the area, local exhaust ventilation, respiratory and OSHA has identified several work practices that pose varying levels of lead exposure to laborers disturbing lead-containing paint. Estimated exposure levels of lead are founded on the activity itself, rather than the concentrations of lead present in paint. Therefore, as an example, paint that contains 0.5% versus 15% of lead by weight or 0.8 mg/cm<sup>2</sup> versus 3.5 mg/cm<sup>2</sup> of lead in paint could pose the same exposure levels to workers depending on the activities that cause the disturbance and the administrative and engineering controls that are followed.

The following is a summary of work activities that disturb paint, the expected exposure and the respiratory protection requirements that result as outlined in the OSHA standards:

Activities	Potential Exposure	Minimum Respiratory Protection
Class I activities include: Manual demolition, manual scraping, manual sanding, heat gun applications, general cleanup, power tool cleaning with dust collection systems and spray-painting activities	50 µg/m <sup>3</sup> to 500 µg/m <sup>3</sup>	Half mask air purifying respirator equipped with HEPA filters having a protection factor of 10
Class II activities include Using lead-containing mortars, lead burning, lead riveting, rivet busting, power tool cleaning without dust collection systems, cleanup of dry expendable abrasives and abrasive blasting	500 µg/m <sup>3</sup> to 2,500 µg/m <sup>3</sup>	Full face powered air purifying respirators equipped with HEPA filters having a protection factor of 100
Class III activities include Abrasive blasting, welding, cutting and torch burning on steel structures	Greater than 2,500 µg/m <sup>3</sup>	Full face supplied air respirator operated in pressure demand mode or other positive pressure mode (type "C")

### Polychlorinated Biphenyls (PCB) Sampling

ACC conducted sampling of caulking typically suspected to contain Polychlorinated Biphenyls (PCBs). The samples were delivered to McCampbell Analytical, Inc. or Pittsburg, California, an independent accredited laboratory for analysis by the EPA 8082 Method. Copies of the laboratory results are attached for reference.

PCBs are mixtures of synthetic organic chemicals with the same basic chemical structure and similar physical properties ranging from oily liquids to waxy solids. Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics and rubber products; in pigments, dyes and carbonless copy paper and many other applications. More than 1.5 billion pounds of PCBs were manufactured in the United States prior to cessation of production in 1977.

PCBs have been demonstrated to cause a variety of adverse health effects, including cancer in animals. PCBs have also been shown to cause a number of serious non-cancer health effects in animals, including effects on the immune system, reproductive system, nervous system, endocrine system and other health effects. Studies in humans provide supportive evidence for potential carcinogenic and non-carcinogenic effects of PCBs. The different health effects of PCBs may be interrelated, as alterations in one system may have significant implications for the other systems of the body.

Any single, unique, well-defined chemical compound in the PCB category is called a "Congener". The name of a congener specifies the total number of chlorine substituents and the position of each chlorine. PCBs were manufactured as a complex mixture of congeners, through progressive chlorination of batches of Biphenyl until a certain target percentage of Chlorine by weight was achieved. Commercial mixtures with higher percentages of Chlorine contained higher proportions of the more heavily chlorinated congeners, but all congeners could be expected to be present at some level in all mixtures. Once released into the environment and subjected to "weathering", or taken in by plants or animals and partially stored/metabolized/excreted, substantial changes in the congener ratios occurred, and continue to occur. Thus, determination of the parent mixture(s) ultimately

resulting in a given environmental sample may be difficult or impossible. While PCB was manufactured and sold under many names, the most common were the "Aroclor" series, in many of which a numerical identifier included the percentage of Chlorine (e.g., "Aroclor 1254", with 54 percent Chlorine). Laboratory reports typically reflect equivalent Aroclor series for each sample.

The proper identification and handling of PCB-contaminated equipment and wastes is critical to the prevention of future waste management problems. All equipment or waste containing PCBs should be properly labeled, alerting people to the requirement for special handling procedures. While procedures may vary depending on the industry or specific operation, as a general rule, any time there is a risk of contact with PCBs, appropriate protective equipment should be worn to limit contact with the skin and eyes and to protect against inhalation of PCB fumes. Such equipment may include plastic or rubber gloves, boots, overalls, aprons, face shields or self-contained breathing apparatus. For workers cleaning up a major spill containing high concentrations of PCBs, a full suit of non-porous material should be worn. Clothing that has become contaminated should be disposed of along with other PCB wastes.

PCB manufacture, use, storage and disposal are regulated by U.S. EPA under TSCA and Part 761, Title 40 of the Code of Federal Regulations (40 CFR Part 761). TSCA regulates any materials or wastes that contain PCBs at concentrations of 50 ppm (parts per million) or greater. PCB wastes are also regulated as hazardous waste by DTSC under the Health and Safety Code (HSC) and Title 22 of the California Code of Regulations (22 CCR). Criteria for determining PCB wastes are:

- total threshold limit concentration (TTLC) of 50 ppm of PCBs, and/or
- soluble threshold limit concentration (STLC) of 5 ppm of PCBs as oily liquid.

### Summary of PCB Sampling Results

Sample Number	Material Description	Sample Location	PCB Concentration
PCB-1	White Roof Patching	Partial Penetrations and Partial South Roof Field	ND
PCB-2	White Roof Patching	Partial Penetrations and Partial South Roof Field	ND
PCB-3	White Roof Patching	Partial Penetrations and Partial South Roof Field	ND
PCB-4	Black Roof Patching	Partial Penetrations	ND
PCB-5	Black Roof Patching	Partial Penetrations	ND
PCB-6	Black Roof Patching	Partial Penetrations	ND

ND: Not detected at or above the indicated MDL (minimum level of quantitation) or RL (reporting limit).

### Limitations

ACC conducted the survey with the standard of care ordinarily exercised by qualified and reputable members of the environmental/industrial hygiene profession based on conditions and practices observed at the property and information provided to ACC related to the project and/or purpose of the survey at the time of the investigation. The survey was limited to specific project areas and was not intended to identify all suspect asbestos-containing materials within the building. Areas and materials not included in the survey should be inspected and sampled prior to any renovation, maintenance, demolition or other activity that may cause disturbance to the materials. This report does not intend to identify all hazards or unsafe practices, nor to indicate that other hazards or unsafe conditions do not exist at the property.

ACC encountered the following inaccessible areas in addition to general concealed conditions (i.e. within wall cavities, above/below solid ceilings or flooring/sub-flooring materials, etc.) and are excluded from the scope of the survey. These areas should be inspected and any suspect materials and sampled accordingly prior to any renovation, maintenance, demolition or other activity that may cause disturbance to the materials.

### **Inaccessible Areas**

- No inaccessible areas/equipment were identified within the provided project areas

Materials that would require intrusive or destructive sampling were generally not sampled as part of the project unless written direction was provided to ACC to perform intrusive and/or destructive sampling on specific building systems, the area was unoccupied at the time of the survey and by performing intrusive/destructive sampling would not create an unsafe condition. Furthermore, ACC shall not be responsible for identifying and/or sampling suspect materials concealed within walls, columns, beneath flooring, above solid ceilings, underground or in any other concealed areas. ACC shall not be responsible for identification, sampling and/or characterization of lead-containing materials, PCB and lighting/mercury wastes, and water or mold impacted materials. General observations may be noted if ACC observed suspect conditions to the client either separately or within this report.

ACC excludes sampling concrete and asphalt paving as suspect asbestos-containing materials. Aggregate found in these materials may contain asbestos if supplied from quarries located in known ultra-mafic areas. It is possible that prior to recycling and/or disposal, recycling agents or landfills may require sampling of these materials to determine the presence of asbestos prior to acceptance.

ACC excludes characterization of soils in areas on known ultramafic rock (where naturally occurring asbestos may be found in soils) as part of the scope of work. If the project area is located within a known ultramafic rock area, provisions should be made to address regulatory requirements for any planned excavation and grading as part of the project. ACC can provide further detail on regulatory requirements related to naturally occurring asbestos in soils.

Quantities identified may not represent entire quantities of each material in the building based on the scope of the survey.

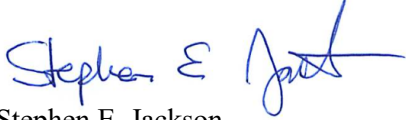
The analyzing laboratory quantifies asbestos concentrations by calibrated visual estimation using standard PLM methodology, with detection of asbestos is material/matrix dependent. Detection of trace asbestos (<1%) may not be reliable or reproducible by PLM and percentage of asbestos weight cannot be determined with standard PLM methodology. Confirmation of asbestos concentrations within complex matrices (i.e. plaster, gypsum wallboard/taping/joint compounds, stucco, resilient flooring, roofing) or when asbestos concentrations are 1% or less may warrant additional analysis by PLM point counting, gravimetric reduction or Transmission Electron Microscopy for proper characterization of asbestos-containing materials and/or waste-stream analysis.

This report is prepared for the express use of Oakland Unified School District, its agents and employees. The information in this report or portions thereof may be required to be included in notifications to employees, occupants, contractors, vendors or other visitors to the building. This report is *not* intended to be used as a specification or work plan for removal of asbestos-containing or other hazardous materials identified in the report or for any work suggested by the report.

Urban Promise Academy - Limited Roof Replacement Survey  
Ms. Nicole Wells – Oakland Unified School District  
March 28, 2024  
Page 7 of 7

Please contact me at (510) 638-8400 extension 105 if you have any questions.

Sincerely,  
ACC ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in blue ink that reads "Stephen E. Jackson". The signature is fluid and cursive, with the first name "Stephen" and last name "Jackson" clearly legible.

Stephen E. Jackson  
Vice President  
Cal-OSHA Certified Asbestos Consultant #95-1782  
California Department of Public Health Lead I/A/M/S #9148

/jpt

Attachments: Bulk Asbestos Analysis, SGS #B358060, dated 3/21/24  
Metals Analysis of Paints, SGS #M258340, dated 3/21/24  
PCB Analytical Report, McCampbell Analytical, Inc., #2403748, dated 3/18/24



# 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

ACC Environmental Consultants  
 Stephen Jackson  
 7977 Capwell Dr., Suite 100  
 Oakland, CA 94621

**Client ID:** 1117  
**Report Number:** B358060  
**Date Received:** 03/14/24  
**Date Analyzed:** 03/21/24  
**Date Printed:** 03/21/24  
**First Reported:** 03/21/24

**Job ID/Site:** 3029-336.00 - UPA Roof Survey - 3031 E 18th, Oakland CA 94601

**SGSFL Job ID:** 1117  
**Total Samples Submitted:** 15  
**Total Samples Analyzed:** 15

**Date(s) Collected:** 03/11/2024

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>CK-1-1</b> Layer: Grey Non-Fibrous Material	12735703		<b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
<b>CK-1-2</b> Layer: Grey Non-Fibrous Material	12735704		<b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
<b>CK-1-3</b> Layer: Grey Non-Fibrous Material	12735705		<b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
<b>RP-2-1</b> Layer: White Non-Fibrous Material Layer: Black Tar	12735706		<b>ND</b> <b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
<b>RP-2-2</b> Layer: White Non-Fibrous Material Layer: Black Tar	12735707		<b>ND</b> <b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
<b>RP-2-3</b> Layer: White Non-Fibrous Material Layer: Black Tar	12735708		<b>ND</b> <b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

Client Name: ACC Environmental Consultants

Report Number: B358060

Date Printed: 03/21/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>RP-3-1</b>	12735709						
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (55 %)    Fibrous Glass (10 %) Comment: Bulk complex sample.							
<b>RP-3-2</b>	12735710						
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (55 %)    Fibrous Glass (10 %) Comment: Bulk complex sample.							
<b>RP-3-3</b>	12735711						
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (55 %)    Fibrous Glass (10 %) Comment: Bulk complex sample.							
<b>RP-4-1</b>	12735712						
Layer: Black Non-Fibrous Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (10 %)							
<b>RP-4-2</b>	12735713						
Layer: Black Non-Fibrous Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (10 %)							
<b>RP-4-3</b>	12735714						
Layer: Black Non-Fibrous Material			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (10 %)							
<b>RP-5-1</b>	12735715						
Layer: Grey Roof Shingle			ND				
Total Percentage Values of Non-Asbestos Fibrous Components: Cellulose (55 %)    Fibrous Glass (10 %)							

Client Name: ACC Environmental Consultants

Report Number: B358060

Date Printed: 03/21/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>RP-5-2</b>	12735716						
Layer: Grey Roof Shingle			<b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components:							
Cellulose (55 %)		Fibrous Glass (10 %)					
<b>RP-5-3</b>	12735717						
Layer: Grey Roof Shingle			<b>ND</b>				
Total Percentage Values of Non-Asbestos Fibrous Components:							
Cellulose (55 %)		Fibrous Glass (10 %)					



Maria Casper, Laboratory Supervisor, Hayward Laboratory

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

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



# BULK SAMPLE CHAIN-OF-CUSTODY

Report to:	Stephen Jackson (OAK)	Email:	sjackson@accenv.com	Phone:	Stephen: (510) 512-8320
Project Name:	UPA Roof Survey				
Project Address:	3031 E 18th St, Oakland Ca 94601			Project Number:	3029-336.00
Collected by:	Gus Valerian: CSST #17-6107; CLST #30722			Date Collected:	03/11/2024
Analysis:	PLM: Standard		<input type="checkbox"/> Stop at 1 <sup>st</sup> Positive Layer	Turnaround Time:	Standard (3-5 Day)
Comments:					

Sample ID	Material Size-Color-Pattern-Material-Post Description	Material Location [Quantity] Building or Floor: Area(s) - Component	Sample Location Area - Component	Size
CK-1-1 CK-1-2 CK-1-3	Grey Caulking	HVAC System Joints and Seams 38 SqF	1) Center Roof Field HVAC Pipe 2) South Roof Field HVAC Pipe 3) South Roof Field HVAC Pipe	
RP-2-1 RP-2-2 RP-2-3	White Roof Patching	Partial Roof Penetrations and Partial South Roof Field 400 SqF	1) South Roof Field 2) South Roof Field 3) NW Roof Field Penetration	
RF-3-1 RF-3-2 RF-3-3	Black Roofing Material	Throughout all Roof Fields 20,000 SqF	1) Main Roof, Center 2) SE Roof, Center 3) NW Roof, East Side	
RP-4-1 RP-4-2 RP-4-3	Black Roof Patching	Partial Roof and Penetration Patches Throughout 1000 SqF	1) NW Roof, North Penetration 2) South Roof Field 3) Center of Main Roof Field	
RP-5-1 RP-5-2 RP-5-3	Rolled Asphalt Roof	Bases of all HVAC Units 200 SqF	1) South Roof Field, West HVAC Unit 2) North Roof Field HVAC Unit 3) South Roof Field, East HVAC	

**RECEIVED**  
MAR 14 2024  
BY: *JL* (510) 512-8320

Released:	Signature: <i>[Signature]</i>	Date:	Time:
Received:	Signature:	Date:	Time:

Lab Info: ~~3031 E 18th St, Oakland, Ca 94601 (510) 895-3675~~

# Metals Analysis of Paints

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

ACC Environmental Consultants  
 Stephen Jackson  
 7977 Capwell Dr., Suite 100

Oakland, CA 94621

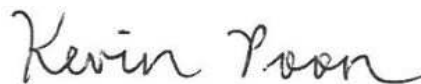
**Client ID:** 1117  
**Report Number:** M258340  
**Date Received:** 03/14/24  
**Date Analyzed:** 03/21/24  
**Date Printed:** 03/21/24  
**First Reported:** 03/21/24

**Job ID / Site:** 3029-336.00 - UPA Roof Survey - 3031 E 18th St, Oakland CA 94601  
**Date(s) Collected:** 03/11/2024

**SGSFL Job ID:** 1117  
**Total Samples Submitted:** 3  
**Total Samples Analyzed:** 3

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PT-1	30936213	Pb	1.3	wt%	0.2	EPA 3050B/7000B
PT-2	30936214	Pb	0.9	wt%	0.2	EPA 3050B/7000B
PT-3	30936215	Pb	1.4	wt%	0.2	EPA 3050B/7000B

\* 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, Laboratory Supervisor, Hayward Laboratory

Analytical results and reports are generated by SGS at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGS to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGS. The client is solely responsible for the use and interpretation of test results and reports requested from SGS. SGS is not able to assess the degree of hazard resulting from materials analyzed. SGS reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Any modifications that have been made to referenced test methods are documented in SGS Standard Operating Procedures Manual. Sample results have not been blank corrected. Quality control and sample receipt condition were acceptable unless otherwise noted.

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



# BULK SAMPLE CHAIN-OF-CUSTODY

Report to:	Stephen Jackson (OAK)	Email:	sjackson@accenv.com	Phone:	Stephen: (510) 512-8320
Project Name:	UPA Roof Survey				
Project Address:	3031 E 18th St, Oakland Ca 94601			Project Number:	3029-336.00
Collected by:	Gus Valerian: CSST #17-6107; CLST #30722			Date Collected:	03/11/2024
Analysis:	Lead: Metals Analysis (Bulk/ Paint Chip)		<input type="checkbox"/> Stop at 1 <sup>st</sup> Positive Layer	Turnaround Time:	Standard (3-5 Day)
Comments:					

Sample ID	Material Size-Color-Pattern-Material-Post Description	Material Location [Quantity] Building or Floor: Area(s) - Component	Sample Location Area - Component	Size
PT-1	Silver Paint on Metal	South Roof Field HVAC Exhaust Base 3 SqF	South Roof Field HVAC Exhaust	
PT-2	Off White Paint on Concrete	South Roof Field, Roof Partition Wall 580 SqF Loose and Peeling	South Roof Field, Roof Partition Wall	
PT-3	Green Paint on Wood and Metal	Throughout Roof Trim 420 SqF Loose and Peeling	South Roof Field, North Trim	

**RECEIVED**  
MAR 14 2024  
BY J.C. #2199

Released:	Signature:	<i>[Signature]</i>	Date:	Time:
Received:	Signature:		Date:	Time:

Lab Info: [Redacted]



# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 2403748

**Report Created for:** ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100  
Oakland, CA 94621

**Project Contact:** Stephen Jackson

**Project P.O.:**

**Project:** 3029-336.00; UPA Roof Survey

**Project Received:** 03/12/2024

Analytical Report reviewed & approved for release on 03/18/2024 by:

Jena Alfaro  
Project Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.*





## Glossary of Terms & Qualifier Definitions

**Client:** ACC Environmental Consultants, Inc.

**WorkOrder:** 2403748

**Project:** 3029-336.00; UPA Roof Survey

### Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
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
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit <sup>1</sup>
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
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit <sup>2</sup>
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

<sup>1</sup> MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

<sup>2</sup> RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.





## Glossary of Terms & Qualifier Definitions

**Client:** ACC Environmental Consultants, Inc.

**WorkOrder:** 2403748

**Project:** 3029-336.00; UPA Roof Survey

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC).
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

### Analytical Qualifiers

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



## Analytical Report

**Client:** ACC Environmental Consultants, Inc.  
**Date Received:** 03/12/2024 14:20  
**Date Prepared:** 03/12/2024  
**Project:** 3029-336.00; UPA Roof Survey

**WorkOrder:** 2403748  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082A  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-1	2403748-001A	Bulk Material	03/11/2024	GC22 03142455.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 22:00
Aroclor1221	ND	10	10	20	03/14/2024 22:00
Aroclor1232	ND	10	10	20	03/14/2024 22:00
Aroclor1242	ND	10	10	20	03/14/2024 22:00
Aroclor1248	ND	10	10	20	03/14/2024 22:00
Aroclor1254	ND	10	10	20	03/14/2024 22:00
Aroclor1260	ND	10	10	20	03/14/2024 22:00
PCBs, total	ND	NA	10	20	03/14/2024 22:00

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	103	70-130	03/14/2024 22:00

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-2	2403748-002A	Bulk Material	03/11/2024	GC22 03142456.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 22:16
Aroclor1221	ND	10	10	20	03/14/2024 22:16
Aroclor1232	ND	10	10	20	03/14/2024 22:16
Aroclor1242	ND	10	10	20	03/14/2024 22:16
Aroclor1248	ND	10	10	20	03/14/2024 22:16
Aroclor1254	ND	10	10	20	03/14/2024 22:16
Aroclor1260	ND	10	10	20	03/14/2024 22:16
PCBs, total	ND	NA	10	20	03/14/2024 22:16

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	119	70-130	03/14/2024 22:16

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



## Analytical Report

**Client:** ACC Environmental Consultants, Inc.  
**Date Received:** 03/12/2024 14:20  
**Date Prepared:** 03/12/2024  
**Project:** 3029-336.00; UPA Roof Survey

**WorkOrder:** 2403748  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082A  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-3	2403748-003A	Bulk Material	03/11/2024	GC22 03142457.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 22:32
Aroclor1221	ND	10	10	20	03/14/2024 22:32
Aroclor1232	ND	10	10	20	03/14/2024 22:32
Aroclor1242	ND	10	10	20	03/14/2024 22:32
Aroclor1248	ND	10	10	20	03/14/2024 22:32
Aroclor1254	ND	10	10	20	03/14/2024 22:32
Aroclor1260	ND	10	10	20	03/14/2024 22:32
PCBs, total	ND	NA	10	20	03/14/2024 22:32

Surrogates	REC (%)	Limits
Decachlorobiphenyl	98	70-130

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-4	2403748-004A	Bulk Material	03/11/2024	GC22 03142458.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 22:47
Aroclor1221	ND	10	10	20	03/14/2024 22:47
Aroclor1232	ND	10	10	20	03/14/2024 22:47
Aroclor1242	ND	10	10	20	03/14/2024 22:47
Aroclor1248	ND	10	10	20	03/14/2024 22:47
Aroclor1254	ND	10	10	20	03/14/2024 22:47
Aroclor1260	ND	10	10	20	03/14/2024 22:47
PCBs, total	ND	NA	10	20	03/14/2024 22:47

Surrogates	REC (%)	Limits
Decachlorobiphenyl	88	70-130

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



## Analytical Report

**Client:** ACC Environmental Consultants, Inc.  
**Date Received:** 03/12/2024 14:20  
**Date Prepared:** 03/12/2024  
**Project:** 3029-336.00; UPA Roof Survey

**WorkOrder:** 2403748  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082A  
**Unit:** mg/kg

### Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-5	2403748-005A	Bulk Material	03/11/2024	GC22 03142459.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 23:03
Aroclor1221	ND	10	10	20	03/14/2024 23:03
Aroclor1232	ND	10	10	20	03/14/2024 23:03
Aroclor1242	ND	10	10	20	03/14/2024 23:03
Aroclor1248	ND	10	10	20	03/14/2024 23:03
Aroclor1254	ND	10	10	20	03/14/2024 23:03
Aroclor1260	ND	10	10	20	03/14/2024 23:03
PCBs, total	ND	NA	10	20	03/14/2024 23:03

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	92	70-130	03/14/2024 23:03

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PCB-6	2403748-006A	Bulk Material	03/11/2024	GC22 03142460.D	289577

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	10	10	20	03/14/2024 23:20
Aroclor1221	ND	10	10	20	03/14/2024 23:20
Aroclor1232	ND	10	10	20	03/14/2024 23:20
Aroclor1242	ND	10	10	20	03/14/2024 23:20
Aroclor1248	ND	10	10	20	03/14/2024 23:20
Aroclor1254	ND	10	10	20	03/14/2024 23:20
Aroclor1260	ND	10	10	20	03/14/2024 23:20
PCBs, total	ND	NA	10	20	03/14/2024 23:20

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	90	70-130	03/14/2024 23:20

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



## Quality Control Report

**Client:** ACC Environmental Consultants, Inc.  
**Date Prepared:** 03/12/2024  
**Date Analyzed:** 03/14/2024  
**Instrument:** GC22  
**Matrix:** Bulk Material  
**Project:** 3029-336.00; UPA Roof Survey

**WorkOrder:** 2403748  
**BatchID:** 289577  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8082A  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-289577

### QC Summary Report for SW8082A

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	0.057			0.05	114	70-130
--------------------	-------	--	--	------	-----	--------

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1016	0.16	0.16	0.15	109	107	70-130	1.32	20
Aroclor1260	0.19	0.19	0.15	128	124	70-130	3.36	20

**Surrogate Recovery**

Decachlorobiphenyl	0.060	0.058	0.050	121	115	70-130	4.67	20
--------------------	-------	-------	-------	-----	-----	--------	------	----



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

WaterTrax     CLIP     EDF

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 2403748

ClientCode: ACCE

EQuIS     Dry-Weight     Email     HardCopy     ThirdParty     J-flag  
 Detection Summary     Excel

**Report to:**

Stephen Jackson  
ACC Environmental Consultants, Inc.  
7977 Capwell Drive , Suite 100  
Oakland, CA 94621  
(510) 638-8400    FAX: (510) 638-8404

Email: sjackson@accenv.com  
cc/3rd Party:  
PO:  
Project: 3029-336.00; UPA Roof Survey

**Bill to:**

Accounts Payable  
ACC Environmental Consultants, Inc.  
7977 Capwell Drive , Suite 100  
Oakland, CA 94621  
accenvap@bill.com

**Requested TAT: 5 days;**

*Date Received:*    **03/12/2024**  
*Date Logged:*    **03/12/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2403748-001	PCB-1	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											
2403748-002	PCB-2	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											
2403748-003	PCB-3	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											
2403748-004	PCB-4	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											
2403748-005	PCB-5	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											
2403748-006	PCB-6	Bulk Material	3/11/2024 00:00	<input type="checkbox"/>	A	A											

**Test Legend:**

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

**Project Manager: Jennifer Lagerbom**

**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.



### WORK ORDER SUMMARY

**Client Name:** ACC ENVIRONMENTAL CONSULTANTS, INC.

**Project:** 3029-336.00; UPA Roof Survey

**Work Order:** 2403748

**Client Contact:** Stephen Jackson

**QC Level:** LEVEL 2

**Contact's Email:** sjackson@accenv.com

**Comments**

**Date Logged:** 3/12/2024

WaterTrax     CLIP     EDF     Excel     EQulS     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-1	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>
002A	PCB-2	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>
003A	PCB-3	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>
004A	PCB-4	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>
005A	PCB-5	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>
006A	PCB-6	Bulk Material	SW8082A (PCBs)	1	4OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3/11/2024	5 days	3/19/2024		<input type="checkbox"/>	<input type="checkbox"/>

**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).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- 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.



# BULK SAMPLE CHAIN-OF-CUSTODY

Report to:	Stephen Jackson (OAK)	Email:	sjackson@accenv.com	Phone:	Stephen: (510) 512-8320
Project Name:	UPA Roof Survey				
Project Address:	3031 E 18th St, Oakland Ca 94601			Project Number:	3029-336.00
Collected by:	Gus Valerian: CSST #17-6107; CLST #30722			Date Collected:	03/11/2024
Analysis:	PCB	<input type="checkbox"/>	Stop at 1 <sup>st</sup> Positive Layer	Turnaround Time:	standard
Comments:					

Sample ID	Material <small>Size-Color-Pattern-Material-Post Description</small>	Material Location [Quantity] <small>Building or Floor: Area(s) - Component</small>	Sample Location <small>Area - Component</small>	Size
PCB-1 PCB-2 PCB-3	White Roof Patching	Partial Penetrations and Partial South Roof Field 400 SqF	1) South Roof Field 2) Center Roof Penetration 3) North Roof Field Penetration	
PCB -4 PCB-5 PCB-6	Black Roof Patching	Partial Penetrations	1) North Roof Field HVAC Exhaust 2) Center Roof Field, Patch 3) South Side, Lower Roof Field	

Released:	Signature:		Date:	Time:
Received:	Signature:		Date:	Time:
Lab Info:	EMSL Analytical, Inc.: 464 McCormick Street, San Leandro, California 94577 - (510) 895-3675			





## Sample Receipt Checklist

Client Name: ACC Environmental Consultants, Inc.  
 Project: 3029-336.00; UPA Roof Survey

Date and Time Received: 3/12/2024 14:20  
 Date Logged: 3/12/2024  
 Received by: Lilly Ortiz  
 Logged by: Lilly Ortiz

WorkOrder No: 2403748 Matrix: Bulk Material  
 Carrier: Antonio Mason (MAI Courier)

### Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE )

Sample/Temp Blank temperature	Temp: 2.2°C		NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments: