



PCB REMOVAL/REMEDIATION PROJECT RECORD

Flooring Material Removal
Building B, Room B-142 (Book Room)
Point Dume Elementary School
6955 Fernhill Drive
Malibu, California 90265

Prepared for:

Santa Monica-Malibu Unified School District
2828 4th Street
Santa Monica, California 90405

Project No.: SMSD-18-7628
Date: October 7, 2019

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EXECUTIVE SUMMARY

Alta Environmental (Alta) conducted monitoring services during the removal of flooring material (vinyl tile and associated mastic) containing polychlorinated biphenyls (PCBs) from Room B-142 (Book Room) of Building B at Point Dume Elementary School located at 6955 Fernhill Drive, Malibu, California 90265. The work was completed under the approved site-specific PCB Remediation Waste Plan (Plan).

During this project, all identified PCB Bulk Product Waste (flooring material) was removed. Particulate sampling results during remediation activities were below the action level established for this project; there were no documented exceedances.

Following removal and remediation work activities, the areas were inspected by Karcher Environmental, Inc. (Karcher) and an Alta representative; each area was found to be acceptably clean and a two-layer epoxy encapsulant coating was installed pursuant to the Plan. No visible dust and debris were observed. As per the approved Plan, an initial set of surface wipe samples were collected. The results of the initial wipe samples were reported as “non detected” at the laboratory reporting limit.

Following receipt of acceptable initial wipe sample results, final surface wipe samples and air samples were collected following restoration of the work areas. The results of this sampling met the re-occupancy criteria; all surface wipe and air samples were reported as not detected at, or above the laboratory reporting limit.

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REPORTED: October 7, 2019

PROJECT NO.: SMSD-18-7628

CLIENT: Santa Monica-Malibu Unified School District
2828 4th Street
Santa Monica, California 90405

ATTENTION: Mr. Chris Emmett

REF: PCB Removal/Remediation Project Record
Building B, Room B-142 (Book Room)
Point Dume Elementary School
6955 Fernhill Drive
Malibu, California 90265

1.0 PROJECT BACKGROUND

Alta Environmental (Alta) conducted monitoring services during the removal of flooring material containing polychlorinated biphenyls (PCBs) from Building B Room B-142 (Book Room) at Point Dume Elementary School located at 6955 Fernhill Drive, Malibu, California 90265.

2.0 ALTA PROJECT SCOPE OF SERVICES

At the request of the District, Alta provided the following services during the removal/remediation activities:

- Contractor observation to document project activities, including the contractor's adherence to the requirements of the PCB Remediation Waste Plan (Plan) prepared by Ramboll dated June 14, 2018 (Appendix A, Field Notes);
- Particulate sampling using real-time monitors both upwind and downwind from the work area (Appendix B, Particulate Sampling Results);
- Final visual inspection confirming that applicable PCB flooring material and associated dust and debris was removed;
- Observation of epoxy floor coating installation;
- Initial post-removal surface wipe sampling; and
- Final pre-occupancy surface wipe sampling and air sampling.

3.0 CONTRACTOR PERFORMED REMOVAL ACTIVITIES

Prior to conducting removal activities, the District-selected removal contractor, Karcher Environmental (Karcher), constructed a polyethylene containment around the work area and verified adequate negative pressure to control dust and odors that may be generated. Once adequate containment was established, Karcher began removal of the >50 milligrams per kilograms (mg/Kg) PCB flooring materials. Following removal of all visible >50mg/Kg PCB flooring materials, the work area was inspected and an encapsulant floor covering was applied in accordance with the U.S. Environmental Protection Agency (EPA) approved PCB Remediation Waste Plan. The applied encapsulant consisted of a liquid epoxy coating installed in two

coats, each with contrasting colors, to a total thickness of 16 mils. Additional confirmation sampling was then conducted and following review of the laboratory results, the work area containment was removed. Additional details of sampling are discussed in Sections 10 and 11, below.

4.0 PERIMETER SAMPLING/AIR MONITORING-RESPIRABLE AIRBORNE PARTICULATES

Airborne particulate sampling was conducted using MIE pDR Model 1000 battery operated, direct reading data logging instruments. The instruments were sited at locations upwind and downwind of the work area and installed at breathing zone height (approximately five-feet above ground level).

The instruments collected and logged data at all times while PCB remediation activities were in progress. The instruments were checked at a minimum frequency of once per hour and the instruments were relocated, as necessary, depending on wind direction. Data from the instruments was reviewed at least daily. Equipment calibration certificates are provided in the Appendices for reference. Meteorological data including temperature, wind speed and direction were obtained by Alta from the nearest weather station listed online at <https://www.wunderground.com/personal-weather-station/dashboard?ID=KCAMALIB40>.

5.0 REGULATED WORK AREA

The work area was isolated by establishing a containment demarcating the PCB work area with warning signs limiting access to authorized persons conducting or monitoring the remediation work. The work area was further isolated by installing critical and perimeter barriers constructed with fire retardant polyethylene sheeting.

6.0 ENGINEERING CONTROLS

The work area containment was constructed to minimize airborne dust from migrating outside the regulated work area where PCB removal took place. To minimize potential dust migration, a temporary negative air pressure differential of -0.02 inches/water column was established in the work area and continuously monitored with a recording manometer. The air pressure differential was established using a high-efficiency particulate air (HEPA) filtering fan unit that was exhausted outside the work area and discharged outside the building. Additionally, HEPA filter-equipped vacuum cleaners were used to collect dust generated by the remediation activities.

7.0 WORKER PROTECTION

Workers engaged in the PCB remediation activities used NIOSH-approved half-face air-purifying respirators with HEPA filter (P100) cartridges and disposable non-porous protective overalls with eye, hand, foot and hearing protection.

8.0 WORKER DECONTAMINATION

A worker decontamination unit, integral to the work area containment, was placed at the entrance to the regulated work area and consisted of a three-stages which included a “dirty” room, shower and clean room. The decontamination facility was equipped with soap and towels.

9.0 EQUIPMENT DECONTAMINATION

Equipment used for PCB removal/remediation was wet wiped and vacuumed with HEPA filter equipped vacuums and visually inspected prior to removal from the work area. HEPA filters from the air filtration devices used to establish the temporary air pressure differential were removed inside the containment, and the interior of the unit (filter compartment) was wet wiped and vacuumed. All equipment, including tools, vacuums, and air filtration devices were visually inspected prior to removal from the work area.

10.0 POST REMEDIATION CONTAINMENT INSPECTION AND CLEARANCE

Following the removal of identified PCB containing materials and the installation of the encapsulant floor covering, representatives of Karcher and Alta conducted a final visual inspection to assess the cleanliness of the work area. After the area was found to be acceptably clean, Alta conducted initial post-removal surface wipe sampling to ensure removal of PCB-containing flooring materials.

Based on the size of the work area, one surface wipe sample was collected from the floor of the containment area. The wipe sample was collected on a gauze pad, using the Standard Wipe Test method described in 40 CFR 761.123. The post-remediation wipe sample and a field blank wipe sample were submitted to a California-accredited environmental testing laboratory for analysis by USEPA Method 8082 for Aroclors.

Upon laboratory notification that the wipe sample PCB concentration was reported as non-detected above the laboratory's practical quantitation limit 0.5 micrograms (μg) per 100 square centimeters (cm^2), the work area containment was released to the contractor for teardown. Appendix C presents copies of the laboratory reports.

11.0 CONFIRMATION AIR AND WIPE SAMPLING PRIOR TO RE-OCCUPANCY

Following removal of the containment and prior to re-occupancy, Alta collected surface wipe and air confirmation samples. Appendix C presents copies of the laboratory reports.

11.1 Wipe Sampling

A total of three surface wipe confirmation samples, one from the floor, one from a window sill, and one field blank, were collected using gauze pads in accordance with Standard Wipe Test methods described in 40 CFR 761.123. All collected surface wipe samples were analyzed by USEPA Method 8082 for Aroclors.

The results of these samples were reported as non-detected at the laboratory detection limit of $0.5 \mu\text{g}/100 \text{ cm}^2$. A comparison threshold of $1 \mu\text{g}/100 \text{ cm}^2$, which is the EPA Region XI their health-based benchmark, was met prior to re-occupancy of the building.

11.2 Air Sampling

Air samples were collected without the use of a pre-filter and were analyzed for Aroclors using USEPA Method TO-10 A. Each air sample was collected on a polyurethane foam cartridge with a constant flow rate of approximately 5 liters per minute.

A total of two air samples, one from Room B142 and one blank were collected over a 24-hour period with the doors and windows closed, the HVAC system turned off, and the lights turned on.

The results of these samples were reported as non-detected at the laboratory detection limit. The confirmation air sample results met USEPA's criteria for evaluating exposure levels in indoor air at school sites.. The criteria are as follows:

Age in Years Range	1 to <2	2 to <3	3 to <6	6 to <12	12 to <15	15to <19	19 +
PCBs ng/m ³	100	100	200	300	500	600	500

12.0 QUALITY CONTROL

Sample collection and analytical methodology used to complete this project were completed according to the Plan, with the exception that An ambient outdoor air sample was not collected during the indoor air sampling event conducted after removal of containment. However, the omission of this sample is not interpreted to have an impact to the indoor air sampling program, as concentrations of PCBs were not detected in any of the indoor air samples.

12.1 Data Validation

All samples collected during this project were analyzed by a certified and accredited laboratory. Alta reviewed all laboratory data for quality and usability in accordance with appropriate USEPA protocols. Based on a review of the laboratory QC data associated with the sample analysis, the recovery and precision are within the acceptable limits of the laboratory.

13.0 WASTE MANAGEMENT AND DISPOSAL

Waste generated as a result of the project activities was packaged, labeled and disposed of as "UN3432, Polychlorinated Biphenyl, Solid, 9, 11, RQ." According to the hazardous waste manifest provided by Karcher, the waste was transported by RRD Environmental Services, a California certified waste transporter, and disposed at US Ecology, Inc., located at Hwy 95, 11 miles south of Beatty, NV 89003. Appendix D presents a copy of the waste manifest.

14.0 PROJECT SUMMARY

PCB related work completed during this project was done so in accordance with the Plan. Results of the dust monitoring from both upwind and downwind of the work area indicated that the established threshold of no more than 1 milligram per cubic meter of air above background levels was maintained during project activities.

Visual inspections confirmed that materials designated for removal were appropriately removed and that no visible dust or debris resulting from the removal activities remained in the work area

Following the removal/remediation work, confirmation surface wipe and air samples were collected. Laboratory results of the surface wipe samples, and the air samples were reported below the level of clearance established for this project.

The District must follow the long-term maintenance and monitoring plan, outlined in the document entitled "Notification and Request for Approval, PCB Remediation Waste Plan for Point Dume Elementary School, Malibu, California," prepared by Ramboll dated June 14, 2018. This plan includes visual inspections and annual verification sampling, including at least two surface wipe samples and one air sample. After three

rounds of annual sampling, if there are no PCBs detected greater than the action levels of $<1 \mu\text{g}/100 \text{ cm}^2$ for surface wipe samples or $300 \text{ ng}/\text{m}^3$ for air samples, then no additional sampling will be required.

In addition, while the objectives of the remediation activities were successfully met, a Deed Restriction was filed with the Los Angeles County Recorder's Office due to the potential presence of PCB concentrations remaining in the concrete slab. Appendix E presents a copy of the Deed Restriction.

15.0 DISCLAIMER

This report was prepared exclusively for use by The Santa Monica-Malibu Unified School District and may not be relied upon by any other person or entity without Alta express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Alta cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

In performing our professional services, we have applied engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, Alta has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Alta accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Alta will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Alta makes no warranty, expressed or implied.

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes, nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals, and notifications should in all cases be addressed in a separate and independent bidding and contract document.

If you have any questions, please do not hesitate to contact the undersigned at (562) 495-5777. We appreciate the opportunity to be of service to The Santa Monica-Malibu Unified School District.

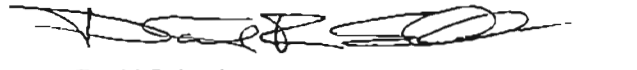
16.0 SIGNATORY

Submitted for and on behalf of Alta Environmental.

Respectfully Submitted by:



Jonathan Barkman
Project Manager



David Schack
VP, Site Assessment
Certified Asbestos Consultant #92-0219
CDPH Inspector/Assessor, Project Monitor #1104

Appendix A

Daily Field Reports



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 7-3-18 Alta representative: F. Ruvalcaba
 Project No.: SMCQ-18-7628 Project name: Port Pura, B.S.
 Project location: 6955 Fern Hill Drive Project area: 6th St A - B Side
 Material Removed: cleavages Quantity removed: cleavages

Type of Containment:

Respiratory Protection Used:

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plush3stage decon-shower

wash station

1/2 face: P100/Organic

Mini: 2-stage decon-shower

wash station

Full face: P100

Glovebag/secondary containment

wash station

PAPR-HEPA

ther (describe) _____

Arrival time (Alta): 0630 Abatement contractor: F. Ruvalcaba

Departure time (Alta): 1500 Contractor supervisor's name: Moult Gonzalez

(first and last)

Contractor arrival time: 0700 Departure: 1500

of workers present: 341 Worker certifications current/available on-site: Yes

Reviewed by Alta: J

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities: none

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Containment smoke-tested	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower/pump/filters operating properly	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Work Practices			Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste/debris bagged	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster lined, labeled	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster closed top/locked	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Type of manifest (HAZ/FRIABLE) (NON-FRIABLE)		
			# of bags	Manifest #	

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date: 7-3-16 Alta representative: F. Kaulan
Project No.: SMCD-18-7625 Project name: Pint Run - E.S.
Project location: 6955 Fox Hill Dr. Project area: -BLZ A
+ D

Time of observation	Observations
0620	Alta. starts Begun Mobilizing clearance & doing equipt.
0700	clearance Begun at Bldg A, kitchen & site.
0730	Supervisor, Mervyn Gonzalez and 3 workers arrive. Supervisor reports that they will be doing Non-Hazard work at various areas today along with Mobilization.
0930	Alta collects supplies from Bldg A. Move equipt to Bldg D.
1015	Alta Begun sanitizing clearance to Bldg D.
1100	CREW Breaks for lunch.
1200	CREW returns from lunch. workers resume Non-Hazard activities.
1235	Alta collects Bldg D clearance.
1430	Workers Begun shutting down for the day.
1500	Check out CREW Dept.

Alta Representative: F. Luna (b)(6) Date: 7-3-18
Signature: [Signature]
Cal/OSHA Cert. No.: 15-5533



ALTA
ENVIRONMENTAL

Air Sampling Form

Client:

Project No.: 50450-18-128
Project Location: 6555 New Hill Ave -

Date: 7-3-18
Page: 1 of 1

Sample #	Pump #	Sample Location	Type	Activity in Progress	Start Time	Stop Time	LPM Start	LPM Stop	Volume	Fibers/Fields	F/CC*
1		Bldg A - New Hill Staircase	C	None	0700	0920	9.5	9.5	1370	TEMA C-plates	
2					0700	0920	9.5	9.5	1370		
3					0700	0920	9.5	9.5	1370		
4					0700	0920	9.5	9.5	1370		
5					0700	0920	9.5	9.5	1370		
6		Bldg D - R-012 - w/ld			1015	1235	9.5	9.5	1370		
7					1015	1235	9.5	9.5	1370		
8					1015	1235	9.5	9.5	1370		
9					1015	1235	9.5	9.5	1370		
10					1015	1235	9.5	9.5	1370		
11		Field Blank									
12		Lab Blank									

Type: OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance

Detection limit is 5.5 f/cc

Comments:

Microscopist:
Microscope #:
Graticle field area (mm²):
Filter area (mm²):
Q.C. slide readable:
Rotometer #: 109

Sample Analysis:

Alta On-site ☒
Outside Lab ☒

Field Blank

Sample # ☒
Fiber/Fields ☒

Lab Blank

Sample # ☒
Fiber/Fields ☒

Analytical Method:

PCM-Niosh 7400 ☒
TEM-AHERA ☒
TEM-EPA Yamate ☒
NIOSH-7082/Pb ☒

Sample Media:

25 mm MCE 0.8 µg ☒
25 mm MCE 0.45 µg ☒
37 mm MCE ☒

On-Site Technician: FRANK

Signature: [Signature]

Cert Number: 15-53-37



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 7-2-18 Alta representative: F. Ruvalcaba
 Project No.: JMSD-18 7628 Project name: Port Duane
 Project location: 6955 Fern Hill Drive Project area: ① Bldg A - Mylar enclosure exterior
 Material Removed: ① - Partial Bed wall 7' x 10' 1/2 Quantity removed: ① - 132 sq. ft
② - 7' x 10' 1/2 ② - 7' x 10' 1/2

Type of Containment:

Respiratory Protection Used:

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plash3stage decon-shower wash station

1/2 face: P100/Organic

Mini: 2-stage decon-shower wash station

Full face: P100

Glovebag/secondary containment wash station

PAPR-HEPA

ther (describe) _____

Arrival time (Alta): 0700 Abatement contractor: F. Ruvalcaba

Departure time (Alta): 1570 Contractor supervisor's name: Manuel Gonzalez

(first and last)

Contractor arrival time: 0700

Departure: 1570

of workers present: 4+1 Worker certifications current/available on-site Yes

Reviewed by Alta f

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities: None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Containment smoke-tested	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shower/pump/filters operating properly	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Work Practices			Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Waste/debris bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dumpster lined, labeled	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dumpster closed top/locked	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type of manifest	(HAZ/FRIABLE)	(NON-FRIABLE)
			# of bags	Manifest #	

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date:

7-2-18

Alta representative:

Fluvaloh

Project No.:

SumSD-18-7628

Project name:

Part 2

Project location:

6935 Fern Hill Drive

Project area:

① Bly A - Newer store.
② Bly D - D12

Time of observation	Observations
0700	CRW write. Kucher Superior Manual. Greases - 24 workers write.
0730	Superior directs 2 workers per area, at Bldg A - Nurses storage room, and Bldg D Rm D12.
0830	Prep complete at both areas. Alta obs'd Rags isolation Measures. Washers Don PPE (Respirable Coverall, clothes, 1/2 face mask w/ P100 filter, gloves, eye protection). Wash Rags. Alta obs'd workers using vacuum and Metal Squeegee to remove spm at Part. 1. Bath walls and Mute.
0930	Wet Methods in use.
1000	Work room completed. Ochr Baggy Lin. Gail poly bags. and loaded out on top to Gail poly lined waste bin. CRW Breaker for lunch.
1145	CRW Returns from lunch. Washers Don PPE and move to assigned tasks. Work resumes.
1330	Superior request present. Alta obs'd approx approximately 260 sq ft at Part. 1. Bath and Mute was removed from the West wall at Bldg D Rm D12; and approximately 32 sq ft was removed from the South wall at Bldg A Nurses storage room. CRW proceeds to spray Areas with Eucapsul.
1530	Shift ends. CRW Report.

Alta Representative:

F F u l l

Date:

7-2-18

Signature:

**Cal/OSHA Cert. No.:**

15-57-23



Client:

Client: SEMI-USD

Client: SMU WSP
Project No.: SMU-18-7628
Project Location: 6735 Fwy 611 Dine.

Date: 7-24-8
Page: 1 of 1

Type: OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance

Detection limit is 5.5 f/cc

Analytical Method:

PCM-Niosh 7400	
TEM-AHERA	
TEM-EPA Yamate	
NIOSH-7082/Pb	

Sample Analysis:

Alta On-site	<input checked="" type="checkbox"/>
Outside Lab	<input type="checkbox"/>

Field Blank

Field Blank
Sample # 72-3
Fiber/Fields 2/00

Lab Blank

Lab Blank	
Sample #	72-4
Fiber/Fields	0/10

Sample Media:

Sample media.	
25 mm MCE 0.8 µg	
25 mm MCE 0.45 µg	
37 mm MCE	

Comments:

Microscopist: *plu*
Microscope #: *00252*
Graticule field area (mm²): *0.00817*
Filter area (mm²): *0.85*
Q.C. slide readable: *1/4 (5-)*
Rotometer #: *067*

On-Site Technician:

Signature:

Cert Number:

0.1. isorelaxation rivalechaldactonfield formelair campling formon11 das



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 6-29-18 Alta representative: F. Ruvalcaba
 Project No.: 545D-18-7628 Project name: Pest Dmg
 Project location: 6955 Foothill Ave Project area: SLD: B-5142
SLD: A-564FR2
 Material Removed: - Lead based paint Quantity removed: - Base Board - 40 lin ft

Type of Containment:

Respiratory Protection Used:

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plash3stage decon-shower

wash station

1/2 face: P100/Organic

Mini: 2-stage decon-shower

wash station

Full face: P100

Glovebag/secondary containment

wash station

PAPR-HEPA

ther (describe) _____

Arrival time (Alta): 0700

Abatement contractor: Karcher

Departure time (Alta): 1530

Contractor supervisor's name: Manuel Gonzalez

(first and last)

Contractor arrival time: 0700

Departure: 1530

of workers present: 3+1

Worker certifications current/available on-site Yes

Reviewed by Alta

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities: None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection				QA	Pressure Differential Isolation Barriers	Time of Inspection				QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Containment smoke-tested	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower/pump/filters operating properly	<u>N/A</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Work Practices						Waste Disposal	Time of Inspection				QA
No saws/brooms in work area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste/debris bagged	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster lined, labeled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster closed top/locked	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type of manifest (HAZ/FRIABLE) (NON-FRIABLE)					
						# of bags	Manifest #				

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date: 6-29-18 Alta representative: F. Ravaloba
 Project No.: SMUSD-18-7628 Project name: Pent Duro
 Project location: 6955 Fern Hill Drive Project area: BLDG 8-Bldg 8
BLDG 11-5th flr

Time of observation	Observations
0700	crew arrives onsite. Karcher Supervisors Manuel Gonzalez and 3 workers arrive.
0715	Supervisor assigns 3 workers to lead down to Room 11 on Bldg A start R.R. Workers begin Don PPE (2 pounds Coveralls, Chaps, 1/2 face RER w/ plastic filter, gloves, Eye Glasses, the other stuff all isolated complete after about proper isolation measures. Workers begin work at Base Bldg.
0930	Room 11 complete workers exit work area and Hepa Vacuumed and wet wiped. After about proper removal.
1000	Karcher reports that they were not able to figure a different colored epoxy there. Alta relays findings to Alta PM.
1100	crew breaks for lunch.
1200	crew returns from lunch, workers move to Bldg A Nurses office storage, and Bldg D Room 12. The General Contractor has directed Karcher to remove Acrom Particulate Bag wall and plastic from the area. Supervisor directed the workers to set contact areas in those areas.
1230	Karcher reports that they will apply the 2 nd coat of Gray epoxy. They made the decision on their own and will figure out the other color at a later date. Alta relays findings to Alta PM.
1400	Alta reports. Karcher that Bldg A cannot be cleared for Tea down. All workers focus on Tea down at K-1-K-2.
1430	Alta has phone conference with Alta P.M. P. Schuck and SMUSD Rep C. Smith.
1500	SMUSD Rep Directed Alta to allow for the two coats of Gray, Silver and Karcher will work out how to apply a third coat of another colored epoxy.
1530	shift ends workers report.

Alta Representative:

F. Ravaloba

Date:

6-29-18

Signature:



Cal/OSHA Cert. No.:

15-5573



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 6-28-18 Alta representative: F. Ruvalcaba
 Project No.: SMSP-18-7628 Project name: Port Duane
 Project location: 6955 Fern Hill Ave Project area: Bld A-K-1/K-2 - Clewce
 Material Removed: None Quantity removed: —
 Project area: Rd, B-B142 - Epoxy

Type of Containment:

Respiratory Protection Used:

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plash 3 stage decon-shower

wash station

1/2 face: P100/Organic

Mini: 2-stage decon-shower

wash station

Full face: P100

Glovebag/secondary containment

wash station

PAPR-HEPA

ther (describe) _____

Arrival time (Alta):

6:00

Abatement contractor:

Karcher

Departure time (Alta):

1:50

Contractor supervisor's name:

Manuel Garza

(first and last)

Contractor arrival time:

6:00

Departure:

1:50

of workers present:

4+1

Worker certifications current/available on-site

yes

Reviewed by Alta

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities:

None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Containment smoke-tested	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Shower/pump/filters operating properly	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Work Practices			Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Waste/debris bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Dumpster lined, labeled	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Dumpster closed top/locked	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Type of manifest	(HAZ/FRIABLE)	(NON-FRIABLE)
			# of bags	Manifest #	



Air Sampling Form

Client: Summit
Project No.: SP-18-7628
Project Location: 6950 from 1411 Drive

Date: 6-28-18
Page: 1 of 1

[illegible]

Type: OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance

Detection limit is 5.5 f/cc

Microscopist:

PCM-Niosh 7400	
TEM-AHERA	X
TEM-EPA Yamate	
NIOSH-7082/Pb	

Alta On-site	
Outside Lab	X

Field Blank
Sample #
Fiber/Fields

Sample Media:	
25 mm MCE 0.8 µg	X
25 mm MCE 0.45 µg	
37 mm MCE	

Lab Blank	
Sample #	
Fiber/Fields	

Sample Media:

25 mm MCE 0.8 μ g25 mm MCE 0.45 μ g

37 mm MCE

On-Site Technician:

Signature:

Cert Number:

Classification number: 609.738

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date:

6-27-18

Alta representative:

Feb. in Ravello

Project No.:

SRS-18-7628

Project name:

Point Dume

Project location:

Point Dume

Project area:

Bldg A-K-1/K-2
Bldg 15 Bldg 16

Time of observation	Observations
0700	Alta arrive Kwik Super Market/Groceries and 12 workers arrive
0736	Workers conduct Safety Meeting Workers move to assigned tasks 8 workers move to Bldg A K-1, K-2 containment Area. Workers Don PPE (Disposable Tyvek Type clothes, gloves APR w/ P100 filter, glasses, EYE protector, Hard Hat) workers then enter work Area work begins. Working will focus on removal of remaining Mastic with solvent rag. Wet method in use. Workers mobilizing Bead Blasting system for the PEB Flange Area.
0830	Bead Blasting system in place Alta observed system is small enough for the entire system to fit inside the containment Area (Bead Blasting and Hepa Vacuum attachment) work already Don PPE and enter work Area. Bead Blasting Begins.
0945	Head Bead Blasting completed workers now using grinder with Hype Attachment for the top corners and edges that the Bead Blasting system can could not reach.
1030	Encapsulate Prep complete, equipment is Hepa Vacuumed and wet wiped then taken out of the containment.
1100	CRW Breaks for lunch.
1145	CRW returns from lunch All workers move to K-1/K-2 Area to finalize removal.
1350	Supervisor requests Visual inspection at K-1/K-2.
1730	Alta observed all floor tile and Mastic was removed from K-1, K-2 Area. CRW Begins encapsulation.
1530	Subit ends CRW's Point Dume Supervisor reports that they will apply the 1st coat of epoxy in Bldg 8 tomorrow.

Alta Representative:

F. Ravello

Date:

6-27-18

Signature:

Cal/OSHA Cert. No.:

15-5533



Client:

Project No.:

Project Location:

Summs

5400-18-7626

6955- Fern Hill Drive,
3510-1608

Date: 6-27-18

Page: / of /

Type: OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance

Detection limit is 5.5 f/cc.

Analytical Method:

PCM-Niosh 7400	<input checked="" type="checkbox"/>
TEM-AHERA	<input checked="" type="checkbox"/>
TEM-EPA Yamate	<input type="checkbox"/>
NIOSH-7082/Pb	<input type="checkbox"/>

Sample Analysis:

Alta On-site	X
Outside Lab	X

Microscopist:

Microscope #: 0025-2
Graticle field area (mm²): 0.00817
Filter area (mm²): 3.85-
Q.C. slide readable: 5
Rotometer #: 059

Sample Media:

25 mm MCE 0.8 μg	✓
25 mm MCE 0.45 μg	
37 mm MCE	

Lab Blank

Sample # 628-9
Fiber/Fields 2/00

On-Site Technician:

Signature:

Cert Number:



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 6-27-18 Alta representative: F. Paul
 Project No.: SMO-18-728 Project name: Part Dune
 Project location: 6555 Foul Hill Drive Project area: ① Bldg B - B142
 Material Removed: ② Bldg A - K-1/K-2 - Me St 2 Quantity removed: - Debris - 2000 sq ft

Type of Containment:

Respiratory Protection Used:

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plash 3 stage decon-shower wash station 1/2 face: P100/Organic
 Mini: 2-stage decon-shower wash station Full face: P100
 Glovebag/secondary containment wash station PAPR-HEPA
 ther (describe) _____

Arrival time (Alta): 0700 Abatement contractor: Karcher
 Departure time (Alta): 1530 Contractor supervisor's name: Manuel Gonzalez
 (first and last)

Contractor arrival time: 0700 Departure: 1530

of workers present: 12+1 Worker certifications current/available on-site: Yes

Reviewed by Alta: [Signature]

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities: None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Containment smoke-tested	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower/pump/filters operating properly	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Work Practices			Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste/debris bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster lined, labeled	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster closed top/locked	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Type of manifest	(HAZ/FRIABLE)	(NON-FRIABLE)
			# of bags	Manifest #	



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 6-25-18 Alta representative: Fabian Ruvalcaba
 Project No.: MSD-18-7628 Project name: Pond Pump
 Project location: 6955 Fern Hill Drive Project area: Rt. B - Runkle
 Material Removed: 0 - 612 B - PCB Flow Floor tile Quantity removed: 0 - 50 sq ft
0 - R11 A off-site - Mast. c
3 - R11 A K-1 K-2 - Flow tile Respiratory Protection Used: 0 - P100

Full: 3-stage decon/walls/ceiling/shower - All Areas 1/2 face: P100
 splash 3 stage decon-shower wash station 1/2 face: P100/Organic
 Mini: 2-stage decon-shower wash station Full face: P100
 Glovebag/secondary containment wash station PAPR-HEPA
 ther (describe) _____

Arrival time (Alta): 0700 Abatement contractor: Kierche
 Departure time (Alta): 1530 Contractor supervisor's name: Manuel Gonzalez
 (first and last)
 Contractor arrival time: 0700 Departure: 1530
 # of workers present: 11+1 Worker certifications current/available on-site: Yes

Reviewed by Alta: [Signature]
 Contractor's job board present including Cal/OSHA notification and AQMD if applicable
 Other contractors on-site/activities: None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Containment smoke-tested	<u>N/A</u> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower/pump/filters operating properly	<u>N/A</u> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Work Practices	Time of Inspection	QA	Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste/debris bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster lined, labeled	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster closed top/locked	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Type of manifest	<u>(HAZ/FRIABLE)</u>	<u>(NON-FRIABLE)</u>
			# of bags		Manifest #

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date: 6-25-18 Alta representative: Fabian Ruelas
 Project No.: SNCO-B-1628 Project name: Port Damage
 Project location: 6955 Fern Hill Dr. Project area: Bldg B - Rm 3142
Bldg A - Community office area

Time of observation	Observations
	<u>then teachers Lounge</u> <u>- K-1 / K-2</u>
0700	Hander arrive Manuel Gonzalez and 11 workers arrive. Crew conducts Safety Meeting.
0730	Supervisor splits the crew into two groups. 8 workers will move to Bldg A (Center office) contact to Paul. Rustie Ruelas. 1 worker will be Begun Ruelas at Bldg B Rm 3142 Feb floor removal. Worker move to assigned tasks all workers wear PPE (Disposable coveralls clothing, 1/2 face respirator, gloves, eye protection, hard hat). 2 workers will remain outside to assist.
0735	Worker begins Bldg A removal utilizing rags, metal scrapers to remove Mastic Ruelas. Bldg B area workers use metal scraper to remove floor tile first.
0900	Supervisor reports that Bldg A Center contact ready for Visual Inspection. At the conducts Visual.
0930	Alta observed all Area floor tile and Mastic was removed with No visible dust or debris remaining. Workers began encapsulation. All Bldg A crew move to K-1 / K-2 and began Prep Floor floor / Mastic Ruelas.
1030	Supervisor reports Bldg B Area removal progressing slowly floor is hard to remove.
1100	Crew breaks for lunch.
1135	Crew returns from lunch. Workers move on assigned tasks. workers wear PPE and resume prep work at Bldg A and Bldg B removal.
1230	Prep continues at Bldg A - K-1 / K-2 Area. Workers installing full containment. 5 stage Decon is shown and prep work.
1330	Bldg B removal continues. workers bagging debris into 60" Poly Bag loaded out and placed into 55 gallon steel Drum.
1455	Crew begins shutting down for the day.
1530	Shift ends Crews Depart

Alta Representative:

Fabian Ruelas

Date:

6-25-18

Signature:

[Signature]

Cal/OSHA Cert. No.:

15-55573



PROJECT LOG/DAILY WORK AREA INSPECTION CHECKLIST

Date: 6-26-18 Alta representative: F. Ruvalcaba
 Project No.: SMS0-18-7628 Project name: Point Dume
 Project location: 6955 Leona Hill Drive Project area: side B - D142 54, 8-office
 Material Removed: D-BL, B PCB - Floor tile & G-l- Quantity removed: 0-100 sq ft
0-100 sq ft - ACN H-tile/Metz 0-220 sq ft
0-100 sq ft - K-1/K-2 0-3000 sq ft
 Type of Containment: Full: 3-stage decon/walls/ceiling/shower Respiratory Protection Used: 1/2 face: P100

Full: 3-stage decon/walls/ceiling/shower

1/2 face: P100

plash3stage decon-shower wash station 1/2 face: P100/Organic
 Mini: 2-stage decon-shower wash station Full face: P100
 Glovebag/secondary containment wash station PAPR-HEPA
 ther (describe) _____

Arrival time (Alta): 0700 Abatement contractor: Karcher
 Departure time (Alta): 1530 Contractor supervisor's name: Manuel Gonzalez
 (first and last)
 Contractor arrival time: 0700 Departure: 1530
 # of workers present: 11+1 Worker certifications current/available on-site: Yes

Reviewed by Alta

Contractor's job board present including Cal/OSHA notification and AQMD if applicable

Other contractors on-site/activities: None

DAILY WORK AREA INSPECTION (Check 4 Times/Shift)

Decontamination Unit	Time of Inspection	QA	Pressure Differential Isolation Barriers	Time of Inspection	QA
Proper signs at entrance and bag-out	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Proper # of AFDs for area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlock flaps intact (not taped open)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Containment smoke-tested	<u>N/A</u> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Street clothing properly stored	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	AFDs properly vented	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Suits/respirator filters present	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Pre-filter clean	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Area clean: waste bags not obstructing path	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust tubing intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower/pump/filters operating properly	<u>N/A</u> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical barriers intact	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Work Practices			Waste Disposal	Time of Inspection	QA
No saws/brooms in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste/debris bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material kept wet	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste double-bagged, sealed, decontaminated, labeled prior to removal	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Material promptly bagged	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster lined, labeled	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Workers in proper PPE: no cut-off sleeves of suit, no cut-off feet of suit, eye protection used, gloves used, hood up, respirator straps inside hood	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Dumpster closed top/locked	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
No eating, smoking, drinking in work area	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>	Type of manifest (HAZ/FRIABLE) (NON-FRIABLE)		
			# of bags	Manifest #	

PROJECT LOG/DAILY INSPECTION CHECKLIST

Date: 6-26-18 Alta representative: Fubiana Rueda
 Project No.: SMSD-18-7828 Project name: Point Loma E.S.
 Project location: 6955 Fun Hill Drive Project area: Bldg B - B142 / Culture
Bldg A - K-1 / K-2

Time of observation	Observations
0700	Kuecher Supervisor Manuel Rodriguez and 11 workers arrive. CREW
	Conducts Safety Meeting
0720	CREW Moves to assigned tasks. 10 workers Move to Prep work at Bldg A K-1/K-2 Area. 1 worker Moves to Bldg B "Book Room" Area PCB Contaminated.
0730	PCB worker Don PPE (Disposable Tyvek Type Clothing, 1/2 Hz. APR with P100 filter, Goggles, Eye Protection, Hard Hat). They enter work Area and resumes Wet Methods and Laser Surveys are used. Alta observed constant removal intact
0800	Alta conducts final visual inspection at Bldg A Center Contaminated Area. Observed all floor tile and Black Marble were removed with no visible dust or debris remaining.
0830	Supervisor requests visual inspection at Bldg A K-1, K-2 Contaminated and Bldg B Office Contaminated.
0845	Contractor replace proper isolation Measures in place Removal may Begin. 6 workers for PPE and enter Bldg A Contaminated. Two workers Move to Bldg B Floor tile Contaminated.
0900	Removal begins complete at PCB area. Alta Points out Surface Prep Area recommendations from Silica epoxy. Alta relays findings to Kuecher supervisor and Alta PM.
0915	Kuecher PM reports that they will Prep the room with Bond Blaster system. They are working on getting it out to the site.
1000	Work continues. Supervisor reports that they will stop Removal at PCB area at 1100. The Bond Blaster is current to site.
1100	CREW breaks for lunch.
1200	CREW returns from lunch. Workers for PPE and resume assigned tasks. 7 workers at Bldg A Contaminated, 3 workers at Bldg B Floor Contaminated. PCB Contaminated remain intact.
1300	Work continues at all areas.
1430	Removal complete at Bldg B Office.
1530	Shift end. PCB area removal complete they will Bond Blaster the area tomorrow. K-1-K-2 Area removal completed.

Alta Representative:

Fubiana Rueda

Date:

6-26-18

Signature:

[Signature]

Cal/OSHA Cert. No.:

15-5537



ALTA
ENVIRONMENTAL

Air Sampling Form

Client: Sumner
Project No.: SMC 0-18-7628
Project Location: 6955 Fen Hill Drive

Date: 6-26-13
Page: 1 of 2

Sample #	Pump #	Sample Location	Type	Activity in Progress	Start Time	Stop Time	LPM Start	LPM Stop	Volume	Fibers/Fields	F/CC*
626-1A	277	R-1-K-2 - outside near	OWA	A.T. Rev. 1	0830	1510	2.0	2.0	800	9/100	50.003
626-2A	126	J - pay area	OWA	J	0830	1510	2.0	2.0	800	1/100	50.003
626-3											
626-4		813A - center container	C	Power	1150	1405	9.5	9.5	1282.5	7804	5-165
626-5					1150	1405	9.5	9.5	1282.5		
626-6					1150	1405	9.5	9.5	1282.5		
626-7					1150	1405	9.5	9.5	1282.5		
626-8		Field Blank			1150	1405	9.5	9.5	1282.5		
626-9		Lab Blank									
626-10											
626-11											
626-12											
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626-99											
626-100											

Type: OWA = Outside Work Area; IWA = Inside Work Area; B = Background; P = Personal; C = Clearance

Detection limit is 5.5 f/cc

Analytical Method:

PCM-Niosh 7400 ☒

TEM-AHERA ☐

TEM-EPA Yamate ☐

NIOSH-7082/Pb ☐

Sample Analysis:

Alta On-site ☒

Outside Lab ☐

Field Blank

Sample # 625-5

Fiber/Fields 0/100

Lab Blank

Sample # 625-6

Fiber/Fields 0/100

Comments:

Microscopist: Fluoride

Microscope #: 00252

Graticle field area (mm²): 0.00817

Filter area (mm²): 385

Q.C. slide readable: 5

Rotometer #: 069

Sample Media:

25 mm MCE 0.8 µg ☒

25 mm MCE 0.45 µg ☐

37 mm MCE ☐

On-Site Technician: Fluoride

Signature: [Signature]

Cert Number: 15-5-533

Appendix B

Particulate Sampling Data Sheets

Dust Monitor Data Summaries, Point Dume Elementary School Demolition

Instrument: MIE pDR 1000 DataRams

Action limit- 0.1 milligrams per cubic meter (mg/m3)

Project number: SMSD-18-7628

Date	Instrument Number	Time Period	Location	Particulate Count (mg/m3)		Results below action level? Yes/No	Mean wind speed mph	Temperature °F
				Current	TWA			
6/25/2018	XFA05291	8:00	Up wind	0.013	0.015	Yes	3 mph E	67
6/25/2018	XFA05291	8:30	Up wind	0.012	0.015	Yes	3 mph E	69
6/25/2018	XFA05291	9:00	Up wind	0.013	0.015	Yes	3 mph E	69
6/25/2018	XFA05291	9:30	Up wind	0.014	0.015	Yes	9 mph WSW	70
6/25/2018	XFA05291	10:00	Up wind	0.014	0.015	Yes	9 mph WSW	70
6/25/2018	XFA05291	10:30	Up wind	0.013	0.015	Yes	8 mph WSW	70
6/25/2018	XFA05291	11:00	Up wind	0.011	0.014	Yes	13 mph WSW	71
6/25/2018	XFA05291	11:30	Up wind	0.015	0.014	Yes	13 mph WSW	71
6/25/2018	XFA05291	12:00	Up wind	0.015	0.014	Yes	13 mph WSW	71
6/25/2018	XFA05291	12:30	Up wind	0.010	0.014	Yes	5 mph SW	71
6/25/2018	XFA05291	13:00	Up wind	0.009	0.013	Yes	5 mph SW	72
6/25/2018	XFA05291	13:30	Up wind	0.005	0.013	Yes	5 mph SW	72
6/25/2018	XFA05291	14:00	Up wind	0.019	0.013	Yes	14 mph W	72
6/25/2018	XFA05291	14:30	Up wind	0.019	0.012	Yes	16 mph W	72
6/25/2018	FA00931	8:00	Down wind	0.043	0.022	Yes	3 mph E	67
6/25/2018	FA00931	8:30	Down wind	0.038	0.024	Yes	3 mph E	69
6/25/2018	FA00931	9:00	Down wind	0.031	0.025	Yes	3 mph E	69
6/25/2018	FA00931	9:30	Down wind	0.035	0.028	Yes	9 mph WSW	70
6/25/2018	FA00931	10:00	Down wind	0.027	0.027	Yes	9 mph WSW	70
6/25/2018	FA00931	10:30	Down wind	0.032	0.027	Yes	8 mph WSW	70
6/25/2018	FA00931	11:00	Down wind	0.020	0.026	Yes	13 mph WSW	71
6/25/2018	FA00931	11:30	Down wind	0.018	0.026	Yes	13 mph WSW	71
6/25/2018	FA00931	12:00	Down wind	0.015	0.025	Yes	13 mph WSW	71
6/25/2018	FA00931	12:30	Down wind	0.013	0.025	Yes	5 mph SW	71
6/25/2018	FA00931	13:00	Down wind	0.011	0.025	Yes	5 mph SW	72
6/25/2018	FA00931	13:30	Down wind	0.015	0.025	Yes	5 mph SW	72
6/25/2018	FA00931	14:00	Down wind	0.019	0.025	Yes	14 mph W	72
6/25/2018	FA00931	14:30	Down wind	0.018	0.024	Yes	16 mph W	72
6/26/2018	XFA05291	7:00	Up wind	0.009	0.015	Yes	3 mph SSW	64
6/26/2018	XFA05291	8:01	Up wind	0.009	0.015	Yes	5 mph NE	66
6/26/2018	XFA05291	8:30	Up wind	0.014	0.014	Yes	5 mph NE	66
6/26/2018	XFA05291	9:00	Up wind	0.013	0.013	Yes	5 mph NE	67
6/26/2018	XFA05291	9:30	Up wind	0.008	0.013	Yes	7 mph WSW	70
6/26/2018	XFA05291	10:00	Up wind	0.008	0.012	Yes	7 mph WSW	70
6/26/2018	XFA05291	10:30	Up wind	0.007	0.012	Yes	10 mph WSW	69
6/26/2018	XFA05291	11:00	Up wind	0.012	0.011	Yes	10 mph WSW	69
6/26/2018	FA00931	7:00	Down wind	0.005	0.013	Yes	3 mph SSW	64
6/26/2018	FA00931	8:01	Down wind	0.009	0.013	Yes	5 mph NE	66
6/26/2018	FA00931	8:30	Down wind	0.008	0.013	Yes	5 mph NE	66
6/26/2018	FA00931	9:00	Down wind	0.011	0.013	Yes	5 mph NE	67

Dust Monitor Data Summaries, Point Dume Elementary School Demolition

Instrument: MIE pDR 1000 DataRams

Action limit- 0.1 milligrams per cubic meter (mg/m3)

Project number: SMSD-18-7628

Date	Instrument Number	Time Period	Location	Particulate Count (mg/m3)		Results below action level? Yes/No	Mean wind speed mph	Temperature °F
				Current	TWA			
6/26/2018	FA00931	9:30	Down wind	0.012	0.012	Yes	7 mph WSW	70
6/26/2018	FA00931	10:00	Down wind	0.015	0.012	Yes	7 mph WSW	70
6/26/2018	FA00931	10:30	Down wind	0.012	0.012	Yes	10 mph WSW	69
6/26/2018	FA00931	11:00	Down wind	0.012	0.012	Yes	10 mph WSW	69
6/27/2018	XFA05291	8:30	Up wind	0.034	0.024	Yes	6 mph WSW	68
6/27/2018	XFA05291	9:00	Up wind	0.028	0.024	Yes	6 mph WSW	68
6/27/2018	XFA05291	9:30	Up wind	0.031	0.025	Yes	8 mph WSW	69
6/27/2018	XFA05291	10:00	Up wind	0.032	0.025	Yes	10 mph WSW	69
6/27/2018	FA00931	8:10	Up wind	0.025	0.022	Yes	6 mph WSW	68
6/27/2018	FA00931	9:00	Up wind	0.031	0.021	Yes	6 mph WSW	68
6/27/2018	FA00931	9:30	Up wind	0.012	0.022	Yes	8 mph WSW	69
6/27/2018	FA00931	13:00	Up wind	0.015	0.019	Yes	10 mph WSW	69

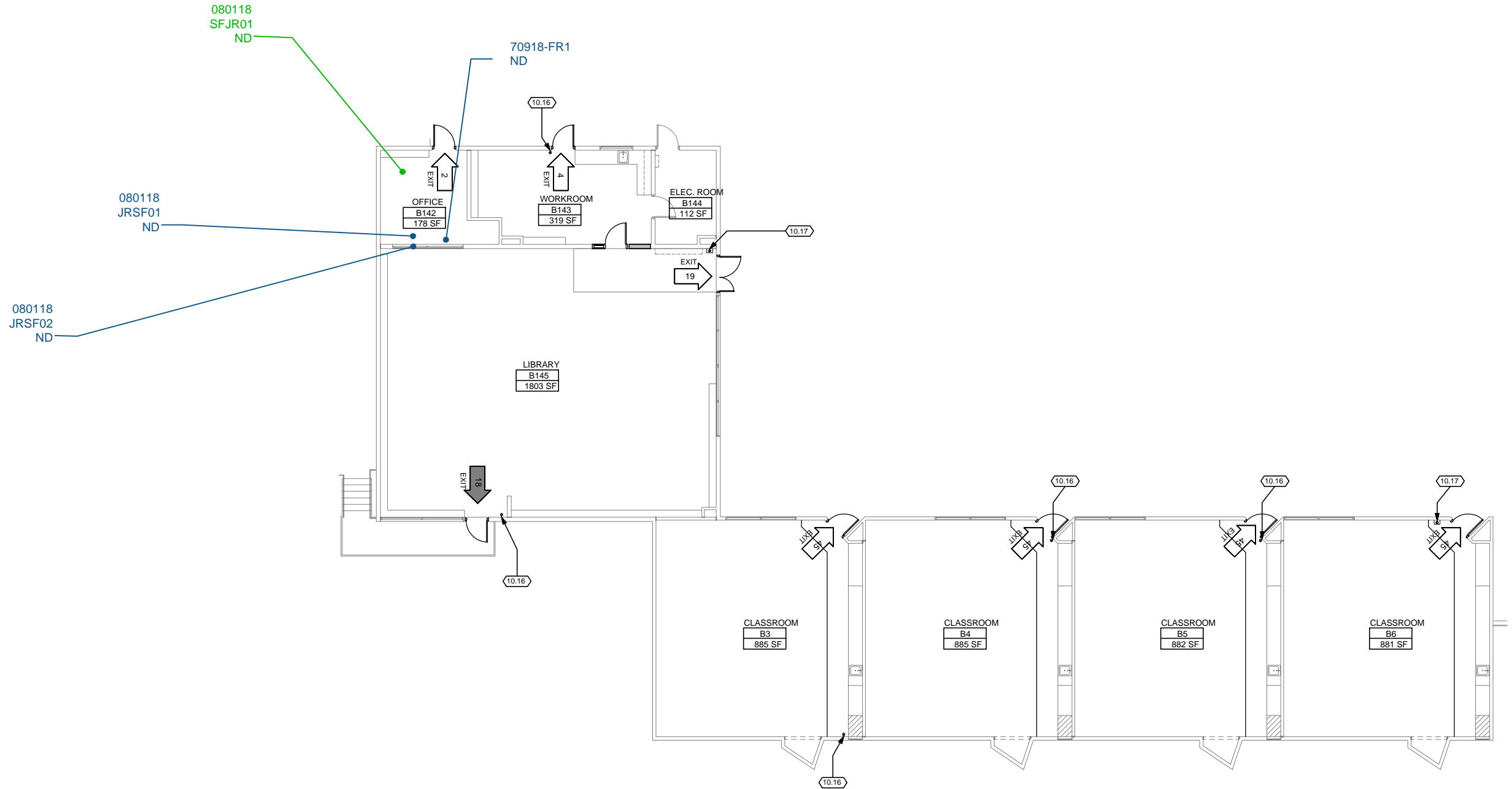
Appendix C

Laboratory Results (Surface Wipe and Air Sample Results)

Site: Point Dume Elementary
Subject: Summary of PCB Sampling Results - Wipe and Air Samples Collected Prior to Re-Occupancy
Date: 8/16/19
Project No: SMSD-18-7628

Sample Information				Surface Wipes by EPA 8082 Method			Air Samples by EPA TO-10A Method				Pass/Fail
Sample Type	Sample ID	Sample Location	Analyte	RL (µg/100cm ²)	Lab results (µg/100cm ²)	Clearance Criteria (µg/100cm ²)	RL (ng/sample)	Lab results (ng)	Concentration (ng/m ³)	Clearance Criteria (ng/m ³)	
Surface Wipe (Initial)	080118JRSF01	B142 Floor	PCBs	0.5	ND	1					Pass
	080118JRSF02	Window Sill		0.5	ND	1					Pass
	080118JRSF03B	Blank		0.5	ND	1					Pass
Surface Wipe (Confirmation)	70918-FR1	B142 Floor		0.5	ND	1					Pass
	70918-FR2	Blank		0.5	ND	1					Pass
Air (Confirmation)	080118-SFJR01	Rm B142	Aroclor 1221				0.5	ND	<28	200	Pass
			All other Arclors ¹				0.5	ND	<14	200	Pass
	080118-SFJR02B	Blank	Aroclor 1221				0.5	ND	NA	NA	Pass
			All other Arclors ¹				0.5	ND	NA	NA	Pass

Notes: ⁽¹⁾ Aroclors 1232, 1016, 1242, 1248, 1254, 1260, 1262, and 1269
 µg = microgram
 cm² = cubic centimeter
 ng = nanogram
 m³ = cubic meter
 RL = Laboratory Reporting Limit



LEGEND

- Air Samples
- Wipe Samples

PCB Air and Wipe Map - Building B

Point Dume Elementary School
6955 Fern Hill Drive
Malibu, California



AN NVI5 COMPANY
3777 Long Beach Blvd. Annex Bldg. Long Beach, California 90807
P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ www.altanviron.com
DATE: Aug. 2018 (Rev. Sept. 2019) | Project No.: SMSD-18-7628



ANALYTICAL REPORT

Report Date: August 08, 2018

Scott Fan
ALTA Environmental
3777 Long Beach Blvd.
Long Beach, CA 90807

Phone: (562) 495-5777

E-mail: Scott.Fan@altaenviron.com

Workorder: **34-1821539**

Project ID: SMSD-17-6806 Point Dume

Purchase Order: NA

Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
080118-SFJR01	1821539001	08/01/18	08/03/18	Point Dume
080118-SFJR02B	1821539002	08/01/18	08/03/18	Point Dume

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, 84123 USA | PHONE +1 801 266 7700 | FAX +1 801 268 9992

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Environmental

www.alsglobal.com

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ANALYTICAL REPORT

Workorder: **34-1821539**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 080118-SFJR01		Sampling Site: Point Dume		Collected: 08/01/2018	
Lab ID: 1821539001		Media: PUF Tube		Received: 08/03/2018	
Matrix: Air		Sampling Parameter: Air Volume 7113.6 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/27146 (HBN: 220319)		Initial: 1 filter	Batch: EGC/7404 (HBN: 220389)		Percent Solid: NA
Prepared: 08/03/2018		Final: 10 mL	Analyzed: 08/06/2018 00:00		Report Basis: Wet
Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	<28	200	1	
Aroclor 1232	ND	<14	100	1	
Aroclor 1016	ND	<14	100	1	
Aroclor 1242	ND	<14	100	1	
Aroclor 1248	ND	<14	100	1	
Aroclor 1254	ND	<14	100	1	
Aroclor 1260	ND	<14	100	1	
Aroclor 1262	ND	<14	100	1	
Aroclor 1268	ND	<14	100	1	

Sample ID: 080118-SFJR02B		Sampling Site: Point Dume		Collected: 08/01/2018	
Lab ID: 1821539002		Media: PUF Tube		Received: 08/03/2018	
Matrix: Air		Sampling Parameter: NA			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		<u>Weight/Volume</u>	Analysis: EPA TO-10A, PCBs Air		Instrument ID: GCE03
Batch: ENVX/27146 (HBN: 220319)		Initial: 1 filter	Batch: EGC/7404 (HBN: 220389)		Percent Solid: NA
Prepared: 08/03/2018		Final: 10 mL	Analyzed: 08/06/2018 00:00		Report Basis: Wet
Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	NA	200	1	
Aroclor 1232	ND	NA	100	1	
Aroclor 1016	ND	NA	100	1	
Aroclor 1242	ND	NA	100	1	
Aroclor 1248	ND	NA	100	1	
Aroclor 1254	ND	NA	100	1	
Aroclor 1260	ND	NA	100	1	
Aroclor 1262	ND	NA	100	1	
Aroclor 1268	ND	NA	100	1	

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method	Analyst	Peer Review
EPA TO-10A, PCBs	/S/ Lyle Edwards 08/07/2018 08:39	/S/ Nadja Borges 08/07/2018 11:40



ANALYTICAL REPORT

Workorder: 34-1821539

Client: ALTA Environmental

Project Manager: Paul E. Pope

Laboratory Contact Information

ALS Environmental
960 W Levoy Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alssl.com

General Lab Comments

The results provided in this report relate only to the items tested.
Samples were received in acceptable condition unless otherwise noted.
Samples have not been blank corrected unless otherwise noted.
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body	Certificate Number	Website
Environmental	PJLA (DoD ELAP)		
	Utah (TNI)		
	Nevada		
	Oklahoma		
	Iowa		



ANALYTICAL REPORT

Workorder: 34-1821539

Client: ALTA Environmental

Project Manager: Paul E. Pope

Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

** No result could be reported, see sample comments for details.

Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.

Date: July 10, 2018

Mr. David Schack
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

Project: **Point Dume**
Lab I.D.: **180709-16, -17**

Dear Mr. Schack:

The **analytical results** for the wipe samples, received by our laboratory on July 9, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

LABORATORY REPORT

CUSTOMER: Alta Environmental
3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

PROJECT: Point Dume

DATE RECEIVED: 07/09/18
DATE SAMPLED: 07/09/18
DATE EXTRACTED: 07/09/18
MATRIX: WIPE
DATE ANALYZED: 07/09/18
REPORT TO: MR. DAVID SCHACK
DATE REPORTED: 07/10/18

EPA 8082 FOR PCBs

UNITS: ug/WIPE = MICROGRAM PER WIPE

SAMPLE I.D.	LABORATORY I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
70918-FR1	180709-16	ND	ND	ND	ND	ND	ND	ND	ND	1
70918-FR2	180709-17	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

COMMENTS:


PQL = Practical Quantitation Limit

DF = Dilution Factor

Actual Detection Limit = PQL X DF

ND = Non-Detected or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: **Wipe**

Date Analyzed: **7/9/2018**

Unit: **ug/wipe**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **180709-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	20.0	23.8	119%	23.1	116%	3%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	20.0	23.8	119%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180709-16	180709-17				
Tetra-chloro-meta-xylene	50-150	99%	107%	102%				
Decachlorobipneyl	50-150	85%	86%	83%				

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene								
Decachlorobipneyl								

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

CA-DHS ELAP CERTIFICATE #1555

00161

RUSH!

Port
Dance

54402 PCB
Supplied extra
54402

[illegible]

CHAIN OF CUSTODY RECORD

Date: 7-09-18

WHITE WITH SAMPLE • YELLOW TO CLIENT

Page 1 of 1

Date: August 3, 2018

Mr. David Schack
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

Project: **SMSD-17-6806**
Lab I.D.: **180802-17, -18, -19**

Dear Mr. Schack:

The **analytical results** for the wipe samples, received by our laboratory on August 2, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

LABORATORY REPORT

CUSTOMER: Alta Environmental
3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviro.com
PROJECT: SMSD-17-6806

DATE SAMPLED: 08/01/18
MATRIX: WIPE
REPORT TO: MR. DAVID SCHACK

DATE RECEIVED: 08/02/18
DATE EXTRACTED: 08/02/18
DATE ANALYZED: 08/02/18
DATE REPORTED: 08/03/18

EPA 8082 FOR PCBs
UNITS: ug/100CM² = MICROGRAM PER 100 SQUARE CENTIMETERS

SAMPLE I.D.	LABORATORY I.D.	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	TOTAL PCBs*	DF
080118-JRSF01	180802-17	ND	ND	ND	ND	ND	ND	ND	ND	1
080118-JRSF02	180802-18	ND	ND	ND	ND	ND	ND	ND	ND	1
080118-JRSF03B	180802-19	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	

COMMENTS:

PQL = Practical Quantitation Limit

DF = Dilution Factor

Actual Detection Limit = PQL X DF

ND = Non-Detected or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: **Wipe**
Unit: ug / 100 cm²Date Analyzed: **8/2/2018**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)Spiked Sample Lab I.D.: **180802-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	20.0	20.8	104%	17.4	87%	18%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	20.0	18.7	94%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180802-17	180802-18	180802-19			
Tetra-chloro-meta-xylene	50-150	90%	69%	60%	65%			
Decachlorobipneyl	50-150	99%	75%	68%	57%			

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene								
Decachlorobipneyl								

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: Final Reviewer: 

Appendix D

Waste Manifest Documentation

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002962334	2. Page 1 of 1	3. Emergency Response Phone (562) 843-3154	4. Manifest Tracking Number 017710067 JJK		
5. Generator's Name and Mailing Address Santa Monica - Malibu Unified School District 1651 16th Street, Santa Monica, CA 90404			Generator's Site Address (if different than mailing address) Santa Monica - Malibu Unified School District 2400 Montana Avenue Santa Monica, CA 90403				
Generator's Phone: (310) 399-5865							
6. Transporter 1 Company Name KRD Environmental Services			U.S. EPA ID Number CAR000097774				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address US Ecology, Inc. 11 Miles South of Highway 95 Beatty, NV 89403			U.S. EPA ID Number NVT330010000				
Facility's Phone: (800) 239-3943							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	1.	"RC", UN3432, Polychlorinated Biphenyls, Solid, 3, II (ERG # 171)	01	CM	650 40	K Y	251
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Problem #11) 01/20/93 PCB (DCA) contaminated Debris Consolidated from 017709499 JJK Out of commission date PLEASE BILL TO KRD SERVICES, 13345 Sutton Street, Carmes, CA 90703 05/25/2018 PCB removed & accepted							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Ray Trethick			Signature <i>[Signature]</i>			Month Day Year 02 1 18	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name Ray Trethick			Signature <i>[Signature]</i>		Month Day Year 02 1 18	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication: Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Line 1 change made to boxes 11 and 12 per Ray Trethick						
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Emily Saluburn			Signature <i>[Signature]</i>			Month Day Year 02 10 18	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002962334	2. Page 1 of 1	3. Emergency Response Phone (562) 843-3154	4. Manifest Tracking Number 017709499 JJK			
5. Generator's Name and Mailing Address Santa Monica - Malibu Unified School District 2828 4th. Street, Santa Monica, CA 90405			Generator's Site Address (if different than mailing address) Point Dume Dume Elementary School 6955 Fernhill Drive Malibu, CA 90265-15518					
Generator's Phone: (818) 208-9204								
6. Transporter 1 Company Name RRD Environmental Services				U.S. EPA ID Number CAR000097774				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address US Ecology, Inc. 11 Miles South of Highway 95 Beatty, NV 89003				U.S. EPA ID Number NVT330010000				
Facility's Phone: (800) 239-3943								
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	1.	"RQ", UN3432, Polychlorinated Biphenyls, Solid, 3, II (ERG # 171)	26 01 01	BA CM	650 40	K X	261	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information Profile # (1) 07-025-9376-0 PCB (TSCA) contaminated Debris Consolidated from 017710007 OUT OF COMMISSION PLEASE BILL TO RRD SERVICES, 13345 Sutton Street, Cerritos, CA 90703 date: 05/25/18. PCB conc. < 1000 ppm								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name		Signature		Month		Day Year		
				08		01 18		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name		Signature		Month		Day Year	
	- Jose Reyes				08		01 18	
	Transporter 2 Printed/Typed Name		Signature		Month		Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Line 1 change made to boxes 11 and 12 per Raj Renuka							
	Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator)				Month		Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	H132		2.			3.	4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name		Signature		Month		Day Year		
Emily Salisbury				08		10 18		

TSCA CERTIFICATE OF DISPOSAL

August 10,2018

SANTA MONICA - MALIBU USD
2400 MONTANA AVENUE
SANTA MONICA, CA 90403

This is to certify that waste as defined on Waste Manifest number 017709499JJK/017709499JJK was received by U.S. Ecology, Inc., on 08/10/2018. The waste(s) were subsequently managed as required by U.S. Ecology's Part B and/or TSCA permits where applicable and disposed of on 08/10/2018 in accordance with permits and laws regulating this facility.

Reference Number: 18081009409-017709499JJK-1-1

Material: 1 ROLL-OFF

Process: Direct Landfill

Facility: U.S. ECOLOGY NEVADA, INC.
HWY 95 11 MILES S. OF BEATTY
BEATTY, NV 89003
EPA ID: NVT330010000

Waste Stream #: 070269376-0

Customer: RRD SERVICES

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations [18 U.S.C. 1001 and 15 U.S.C. 2615], I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Printed Name: JOHN DYER

Signature: 

Title: COMPLIANCE MANAGER

Appendix E

Deed Restriction

This page is part of your document - DO NOT DISCARD



20190342376



Pages:
0057

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

04/17/19 AT 02:07PM

FEES:	0.00
TAXES:	0.00
OTHER:	0.00
<hr/>	
PAID:	0.00



LEADSHEET



201904170920030

00016504885



009762088

SEQ:
01

DAR - Counter (Upfront Scan)



THIS FORM IS NOT TO BE DUPLICATED

RECORDING REQUESTED BY
AND WHEN RECORDED, MAIL TO:

Santa Monica-Malibu Unified School District
Attention: Superintendent
1651 Sixteenth Street
Santa Monica, California 90404

With a copy to:

U.S. Environmental Protection Agency, Region IX
Attention: Jeff Scott, Director Land Division
75 Hawthorne Street
San Francisco, California 94105-3901



APN: 4455-012-900

DEED NOTICE

RECITALS

EXHIBIT A. Santa Monica-Malibu Unified School District (the "Owner") is the fee simple owner of that certain real property commonly known Point Dume Elementary School, located at 6955 Fernhill Drive, Malibu, California 90265, which is legally described in Exhibit A, attached hereto and incorporated herein by this reference (the "Property").

EXHIBIT B. On June 26, 2018, Owner applied to the United States Environmental Protection Agency, Region IX ("EPA") for remediation of the Property's Building B, Room B142 ("Remediation Application"), which identified Poly-Chlorinated Biphenyls ("PCBs") in green floor tile at a concentration of 123 parts per million ("ppm") and tile adhesive at a concentration of 150 ppm. The porous concrete beneath these flooring materials was not tested because of substantial similarity to impacted concrete floors at another Owner campus that confirmed that the concrete is PCB Remediation Waste.

EXHIBIT C. By letter dated July 18, 2018, EPA approved certain provisions of the Remediation Application and imposed additional requirements. Namely, the Owner is required to remove all PCB-containing flooring material with PCB concentrations greater than 50 ppm, prepare the concrete surface, and apply an encapsulant in the form of two coats of non-Volatile Organic Compound epoxy-based sealant to encapsulate the PCBs remaining in the concrete. Following certain clearance sampling, the Owner is required to record this Deed Notice to ensure that any subsequent owner, lessee, tenant, or other occupant of the Property will be notified of the existence of the PCBs in the concrete, the encapsulant, maintenance requirements for the encapsulant, and periodic room testing requirements to continually ensure that there is no unreasonable risk of

injury to health or the environment.

EXHIBIT D. On August 08, 2018, 2018, Owner completed the remediation and encapsulant to the satisfaction of EPA.

E. Pursuant to Code of Federal Regulations, title 40, section 761.61(c), EPA has approved this Deed Notice as an institutional control for the Property, which is part of the remediation of the Property.

NOW, THEREFORE, Owner hereby covenants and agrees as follows:

1. Owner's restoration of Room B142 will be done in a manner that does not damage the encapsulant.
2. Owner will record this Deed Notice and provide proof of recording to EPA.
3. At 1, 3, and 5 years following the date of encapsulation, Owner shall collect at least two surface wipe samples and one air sample following the protocol listed in Section 4.2.10 of the Remediation Application.
4. Owner shall periodically inspect the flooring material in Room B142 in accordance with Section 4.2.10 of the Remediation Application.
5. Owner shall repair any deteriorated flooring in Room B142 in a manner that maintains the integrity of the encapsulant, in accordance with Section 5 of the Remediation Application. All PCB wastes resulting from these repairs shall be disposed by Owner in accordance with Code of Federal Regulations, title 40, sections 761.61(a)(5)(ii) and (iii).
6. EPA may modify the Owner's obligations set forth herewith, without the need for reflecting such modifications in a new or amended Deed Notice.
7. This Deed Notice shall only become effective upon recording.
8. This Deed Notice shall be binding upon Owner and Owner's successors and assigns, and subsequent owners, lessees, or tenants of the Property.
9. If Owner obtains written approval from EPA, this Deed Notice may be terminated by the filing of a Termination of Deed Notice with the Los Angeles County Registrar-Recorder/County Clerk, California, expressly terminating this Deed Notice.

IN WITNESS WHEREOF, Owner has hereunto set its hand the day and year first written above. All signatures must be notarized.

SANTA MONICA - MALIBU UNITED SCHOOL DISTRICT

Name CAREY UPTON FN Date 4/3/19
SMUSD

ACKNOWLEDGEMENT

SA

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

On April 3, 2019 before Kim Nguyen, Notary Public
(insert name and title of the officer)

me, personally appeared Carey W. Upton
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Kim Nguyen (Seal)

EXHIBIT A

Intended for

**Santa Monica-Malibu Unified School District
Santa Monica, California**

Date

Revised June 26, 2018

**NOTIFICATION AND REQUEST FOR APPROVAL,
PCB REMEDIATION WASTE PLAN
ROOM B142, BUILDING B, POINT DUME
ELEMENTARY SCHOOL, MALIBU, CALIFORNIA**

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- Figure 1: Site Layout
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APPENDICES

- Appendix A Laboratory Reports
Appendix B Notification and Certification

1. INTRODUCTION

On behalf of Santa Monica-Malibu Unified School District (SMMUSD or District), Ramboll US Corporation (Ramboll) hereby submits to the U.S. Environmental Protection Agency (EPA) this *Notification and Request for Approval, PCB Remediation Waste Plan* ("Cleanup Plan") for Room B142 of Building B of Point Dume Elementary School (PDES) located at 6955 Fernhill Drive, Malibu, CA.

Figure 1 depicts the layout of the Site and **Figure 2** depicts sampling locations from investigations conducted to date to identify PCB concentrations in building materials prior to planned renovation activities.

2. BACKGROUND INFORMATION

SMMUSD is the owner and operator of PDES, which was constructed in approximately 1968. As part of a modernization project at PDES, Building B is scheduled for flooring renovation projects scheduled to commence in Summer 2018.

3. NATURE AND EXTENT OF CONTAMINATION

3.1 Initial Characterization of Building Materials Prior to Flooring Renovation Project

In anticipation of a flooring renovation project, samples of building materials were recently collected for waste characterization purposes. Representative bulk samples were collected by Alta Environmental (Alta) from various building materials in Building B for PCB analysis (EPA Method 8082 via Soxhlet Extraction). Based on the results of this sampling, several materials were confirmed to exceed the TSCA threshold of 50 milligrams per kilogram (mg/kg, or parts per million [ppm]) for PCBs, which included the following:

Building B

- 12"x12" green floor tile and adhesive (up to 150 mg/kg), Room B142

The locations of all bulk samples collected from flooring materials as well as the interpreted extent of >50 mg/kg PCB flooring materials, limited to Room B142 only, are provided on **Figure 2**. Laboratory reports are provided in **Appendix A**.

No sampling of the porous concrete slab beneath the >50 mg/kg PCB flooring materials in Room B142 of Building B has been performed. However, based on sampling conducted in other SMMUSD facilities¹, PCB concentrations of the concrete slab beneath >50 mg/kg PCB flooring materials ranged from non-detect to 24.6 mg/kg. As such, for the purpose of this Cleanup Plan, the concrete slab in Room B142 at Building B is assumed to contain PCBs at concentrations >1 mg/kg, but below approximately 24.6 mg/kg.

4. PROPOSED CLEANUP STRATEGY

This section presents a cleanup plan for the >50 mg/kg PCB flooring materials as well as the concrete slab which is proposed to remain in place during the floor renovation project. A discussion on remedial goal/approach, disposal options, schedule, and owner certification is provided below. In summary, the remedial plan for the Site is to remove all >50 mg/kg PCB flooring materials in Room B142 of Building B for off-Site disposal as PCB Bulk Product Waste, and then encapsulate the underlying concrete slab before new linoleum flooring (tile or sheet) is installed.

¹ Ramboll, 2018. Notification and Request for Approval, Cleanup and Disposal of PCB Remediation Waste Plan, Buildings A and B/C, Malibu High School, Malibu, California. March 2.

4.1 Cleanup Levels and Remedial Approach

The major components of the plan include:

- The removal and proper disposal of all >50 mg/kg PCB flooring materials. The >50 mg/kg PCB flooring materials will be transported to approved facilities based on the "as found" concentrations. The extent of the >50 mg/kg PCB flooring materials is shown on **Figure 2** and consists of only one room in Building B, Room B142. This room is approximately 200 square feet;
- For the porous concrete slab remaining in place beneath the >50 mg/kg PCB flooring materials, for the purpose of this Cleanup Plan, the concrete is assumed to contain PCBs at >1 mg/kg, but below approximately 24.6 mg/kg. As such, the concrete is proposed to be encapsulated prior to the installation of new flooring, as described further below;
- Installation of new linoleum on top of the encapsulated concrete slab;
- Recording a deed notice for the encapsulation remedial approach; and
- Long term monitoring of the encapsulated surfaces.

Through the removal of the PCB source materials (flooring materials), and the application of an encapsulant on surfaces that contain residual PCBs, the proposed Cleanup Plan removes those PCB containing materials not authorized for continued use and restricts exposure pathways to residual PCBs, thereby, not posing an unreasonable risk of injury to health or the environment.

4.2 Cleanup Plan

4.2.1 Site Preparation and Controls

Prior to initiating the removal of any of the >50 mg/kg PCB flooring materials, the following Site controls will be implemented:

- A Health & Safety Plan will be developed specific to the work activities. All workers will be HAZWOPER trained and will follow applicable Federal and State regulations regarding the work activities;
- Polyethylene containment will be constructed enclosing the remediation area prior to work. The use of HEPA filtration will be incorporated to control dust and odors that are generated during the cleanup activities. In addition, the containment will be maintained during the removal activities and during the encapsulant cure time to control odors from the applications, as needed;
- A decontamination area for personnel and equipment will be erected at the containment exit point;
- The use of HEPA filtration and negative pressure will be used to control dust generated during the removal activities. Wet wiping and water misting inside of the containment will be used as a dust suppressant as needed;
- Access to the active work areas will be restricted by the contractor;
- Personal protective equipment (PPE), including respirators will be implemented as part of the work activities.
- All powered tools will be equipped with appropriate tool guards and dust/debris collection systems (i.e., HEPA filters). Wet wiping and vacuuming of all tools and equipment in the work area will be performed at the completion of the work activity; and
- Air/dust monitoring will be conducted outside of the containment area during the active removal of >50 mg/kg PCB flooring materials.

4.2.2 Floor Material Removal

The following summarizes the activities to be conducted as part of this removal task:

- All work surfaces will be wetted to minimize dust during removal of >50 mg/kg PCB flooring materials;
- >50 mg/kg PCB flooring materials (see Section 3.1 for summary) will be removed using a combination of hand tools and power tools. This may include use of grinders or mechanical floor strippers to create an open textured surface for adhesion of the encapsulant.
- Upon the completion of the initial removal activities, the concrete slabs will be visually inspected for the presence of any residual mastic/glue. Any residual mastic/glue observed will be removed from the concrete using a combination of hand tools and power tools until it is no longer visible.
- All removed >50 mg/kg PCB flooring materials will be transported off Site and disposed of in accordance with 40 CFR 761.62 as Bulk Product Waste (see Section 4.2.5).

4.2.3 Encapsulation of Building Materials

As described above, porous concrete in direct contact with the >50 mg/kg PCB flooring materials is assumed for the purpose of this Cleanup Plan to contain >1 mg/kg PCBs. As such, for the concrete slab beneath the >50 mg/kg PCB flooring materials, an encapsulant consisting of a liquid epoxy coating (Sikagard 62 or equivalent) will be applied to eliminate the direct exposure pathway and leaching transport pathway from residual PCBs in these building materials.

The encapsulant will be applied directly to the concrete slab subsequent to removal of the >50 mg/kg PCB flooring materials. The protective coating will be applied in two coats of contrasting colors for a total thickness of approximately 16 mils.

The following describes the proposed remedial activities for these building conditions:

- Prior to application of the encapsulant, all surfaces will be prepared so that they have an open textured surface for adhesion of the encapsulant and are dry, clean and sound. Cleaning will be conducted using either wet methods and/or HEPA filter vacuuming²;
- Two coats in contrasting colors of the encapsulant (Sikagard 62, or equivalent) will be directly applied to the concrete slab. Efforts will be made to minimize the potential for cross-contamination between the two coats of encapsulant by either decontaminating or using new equipment for the second coat;
- The polyethylene containment will be used to control access to the work area and to control vapors from the encapsulation during and following application. The containment will be maintained until after confirmatory sampling results have been received (see Section 4.2.4.1) or longer if needed due to potential odors; and
- All generated waste material (dust, PPE, application tools, etc.) will be containerized in a secure location in an appropriate waste container for subsequent off-Site disposal. Personal protective equipment will be wet wiped and containerized for off-Site disposal.

Once the encapsulant is installed, no grinding or surface preparation on the encapsulant surface will be permitted.

² After cleaning the inside of the containment, if asbestos was also identified in the flooring materials, an asbestos encapsulant (Fiberlock, or equivalent) will be applied to all surfaces inside the containment.

4.2.4 Confirmatory Air and Wipe Samples

This section describes the procedures to be followed for confirmatory samples collected immediately subsequent to installation of the encapsulant. The first round of sampling (surface wipes only) is to be performed inside of the containment on the encapsulated surface on the floor. The second round of sampling (surface wipes and air) is to be performed outside of the containment.

Additional sampling activities associated with long-term monitoring are described in Section 4.2.10.

4.2.4.1 Wipe Sampling of Encapsulated Surfaces (Prior to Removal of Containment)

After the >50 mg/kg PCB flooring materials have been removed and the concrete slab has been encapsulated, the interior of the containment will be cleaned using either wet methods or a HEPA vacuum². Surface wipe samples will then be collected on the encapsulated surface. The surface wipe samples will be collected before the containment is removed and before new flooring has been installed. The following describes the proposed wipe sampling protocols:

- One baseline verification wipe sample of the encapsulated floor surface will be collected from a random location within Room B142 on a gauze pad wetted with hexane using the Standard Wipe Test described in 40 CFR 761.123, which specifies a collection surface area of 100 cm². The sample will be labeled, sealed, placed in a closed container, and sent under chain-of-custody procedures to the analytical laboratory;
- The sample will be extracted using EPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs using EPA Method 8082; and
- Analytical results from the wipe sample of the encapsulated surface will be evaluated to determine whether or not this task is complete as follows:
 - Analytical results $\leq 1 \mu\text{g}/100 \text{ cm}^2$ – Encapsulation complete, containment established around the area can now be removed and Site controls dismantled.
 - Analytical results $> 1 \mu\text{g}/100 \text{ cm}^2$ – Additional application of the encapsulant may be applied and additional confirmatory wipe testing conducted, after consultation with EPA.

4.2.4.2 Air and Wipe Sampling of Encapsulated Areas (After Removal of Containment)

Once the surface wipe samples described above in Section 4.2.4.1 meet EPA Region IX's cleanup goal of $<1 \mu\text{g}/100\text{cm}^2$, the containment will be removed and final surface wipe samples as well as air samples will be collected from the encapsulated areas. The following procedures will be followed during collection of air and surface wipe samples.

4.2.4.3 Wipe Sampling of Encapsulated Areas (After Removal of Containment)

After the containment has been removed from the encapsulated area, surface wipe samples will be collected from representative surfaces in Room B142 to verify that there are no exceedances of EPA Region IX's cleanup goal of $<1 \mu\text{g}/100\text{cm}^2$ prior to release of the area for unrestricted access. The following describes the proposed wipe sampling protocols:

- At least 2 final verification wipe samples will be collected from representative surfaces (window sills, countertops, etc.) from Room B142;
- Wipe samples will be collected on gauze pads wetted with hexane using the Standard Wipe Test described in 40 CFR 761.123, which specifies a collection surface area of 100 cm². Samples will be labeled, sealed, placed in closed containers, and sent under chain-of-custody procedures to the analytical laboratory.
- All samples will be extracted using EPA Method 3540C (Soxhlet Extraction) and analyzed for PCBs using EPA Method 8082.

- Analytical results from the wipe samples of the encapsulated surfaces will be evaluated to determine whether or not this task is complete as follows:
 - Analytical results $\leq 1 \mu\text{g}/100 \text{ cm}^2$ – Task complete.
 - Analytical results $> 1 \mu\text{g}/100 \text{ cm}^2$ – Additional cleaning of the area using wet methods and/or HEPA filter vacuuming will be conducted and an additional round of wipe samples will be collected. This step will be repeated until $\leq 1 \mu\text{g}/100 \text{ cm}^2$ is achieved.

4.2.4.4 Air Sampling (After Removal of Containment)

The following describes the proposed air sampling protocols:

- One verification air sample in Room B142 will be collected;
- For QA/QC purposes, one ambient air sample will be collected to evaluate the concentrations of PCBs in the outdoor air during the sampling event;
- Each air sample will be collected using a constant flowrate for a period of 24 hours with the lights on, windows closed, and heating, ventilation, and air conditioning (HVAC) turned off to maximize potential airborne concentrations as compared to concentrations likely during normal use of the room. This approach is intended to represent conservative worst-case exposure potentials (i.e., concentrations during routine operations in this room is expected to be lower);
- The air samples will be collected and analyzed for Aroclors using EPA Method TO-10A or EPA Method TO-4A and detection limits below EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air will be achieved;
- Air samples will be sealed, labeled, wrapped in foil, and packed on ice in a sealed cooler at the end of the sampling and picked up by courier under chain-of-custody procedures for delivery to the analytical laboratory for PCB analysis;
- The cleanup goals for air sampling correspond to EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air (EPA, 2016), which are $<200 \text{ ng}/\text{m}^3$ for children 3 to <6 years, $<300 \text{ ng}/\text{m}^3$ for children 6 to <12 years, $<500 \text{ ng}/\text{m}^3$ for children 12 to <15 years, $<600 \text{ ng}/\text{m}^3$ for children 15 to <19 years, and $<500 \text{ ng}/\text{m}^3$ for adults 19 years or older; and
- Analytical results from the air samples will be evaluated to determine whether or not this task is complete as follows:
 - If analytical results are less than EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air – Task complete.
 - If analytical results are greater than EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air – Additional cleaning will be conducted and an additional round of air samples will be collected. If exceedances are again detected, corrective measures shall be determined and taken following consultation with EPA.

4.2.5 Contingency Plan

If wider distributions of potential PCB-containing building materials are found, or other obstacles force changes in the cleanup approach, contingencies will be developed in consultation with the District and EPA prior to Implementation.

4.2.6 Data Validation

All samples will be submitted to a certified and accredited laboratory for analysis. Upon receipt of laboratory data, a data quality and data usability assessment will be completed. The data review will be conducted in accordance with EPA protocols. This review will include a completeness check of field documentation including sample collection and preservation methods, a completeness check of the laboratory data and documentation, a review of the internal laboratory quality assurance/quality control procedures and results including surrogate recoveries, the matrix spike/matrix spike

duplicate results, blank results, laboratory control standard results, an evaluation of sample holding times, and field duplicate results. Upon receiving the data quality and data usability assessment summaries, any qualifiers applied to the data will be added to the data summary tables presented in the final report.

4.2.7 Site Restoration

Following completion of encapsulation activities and verification that the confirmatory wipe samples collected inside of the containment have met cleanup levels, the containment will be removed, Site controls will be dismantled, and all wastes will be transported off-Site for proper disposal. Then, following verification that confirmatory air and wipe samples collected outside of the containment have met cleanup levels, unrestricted access to each area will be restored and new flooring can then be installed on top of the encapsulated surface. The anticipated procedures for installation of new flooring are provided below.

A cementitious layer (Ardex, or equivalent) will first be installed on top of the encapsulant to create appropriate adhesion for the flooring. Glue will then be spread and the linoleum flooring will then be installed.

4.2.8 Waste Management and Off-Site Disposal

The following activities will be completed with regard to the proper storage and disposal of PCB wastes:

- All >50 mg/kg PCB flooring materials will be designated for disposal as PCB Bulk Product Waste in accordance with 40 CFR 761.62;
- All generated non-liquid waste material (PPE, polyethylene sheeting, etc.) will be segregated and containerized in an appropriate waste container and will be designated for disposal as PCB Remediation Waste in accordance with 40 CFR 761.61(a)(5)(v).
- Water generated during decontamination (or as part of dust suppression) that is collected on polyethylene sheeting will be contained on Site in 55-gallon drums, sampled for PCBs and other potential constituents, and designated for off-Site disposal in accordance with 40 CFR 761.79 and/or California hazardous waste regulations, as applicable.
- Secure, lined, and covered waste containers (roll-off or equivalent) or 55-gallon DOT-approved steel containers will be staged in a secured area for the collection of PCB wastes generated during the work activities in accordance with 40 CFR 761.65;
- All containers will be properly labeled and marked in accordance with 40 CFR 761.40;
- Upon completion of the work, or when a container is considered full, Bulk Product Waste and PCB Remediation Waste will be transported off Site for disposal under either a Hazardous Waste Manifest or Bill of Lading (in accordance with both EPA and California regulations) to a facility in accordance with 40 CFR 761 and 22 CCR 66262.23. All operators and trucks will have proper Department of Transportation certificates and vehicle inspection certifications; and
- Copies of all manifests, waste shipment records, and certificates of disposal will be collected and provided as part of the final report to EPA.

4.2.9 Recordkeeping and Documentation

Following completion of the work activities, records and documents, per 40 CFR Part 761, will be generated and maintained at the offices of SMMUSD, 1651 Sixteenth Street, Santa Monica, CA. These documents will be made available to EPA upon request. A final report documenting the completion of the work activities and including, but not limited to, a description of the work activities, confirmatory analytical air and wipe test results, volumes of disposed materials, photographs, and waste disposal documentation will be prepared and submitted to EPA.

It is understood that at the end of the useful life of the building, all areas containing residual concentrations of PCBs will be managed and disposed of properly. A deed restriction providing notification of the encapsulated surfaces will be placed on the property until all PCBs in excess of clean up levels are removed from the Site.

4.2.10 Long-Term Maintenance and Monitoring Plan

The procedures outlined in this section of the Cleanup Plan are to be utilized after the >50 mg/kg PCB flooring materials have been removed. For the purpose of this Cleanup Plan, the concrete that was below the >50 mg/kg PCB flooring materials is assumed to contain PCBs at concentrations >1 mg/kg, but below approximately 24.6 mg/kg. As such, the District will obtain an approval under 40 CFR 761.61(c) and will manage accordingly.

Following the completion of the cleanup activities described above, a long-term maintenance and monitoring plan (MMP) will be implemented. The main components of the plan are as follows:

- Visual inspections – Custodial workers or maintenance employees will report to their managers any damaged/deteriorated flooring materials in Room 8142 noticed during routine or annual cleaning. The inspection will focus on the exposed surfaces of the flooring, looking for cracks and wear points or any observations of the underlying epoxy coating. If damaged flooring is observed, repairs will be performed in accordance with Section 5 of this Cleanup Plan.
- Verification Sampling – Verification sampling will be performed 1, 3 and 5 years after installation of the encapsulation. Sampling procedures are outlined below:
 - At least two surface wipe samples will be collected on the floor surface from randomly selected locations within Room B142. Wipe samples will be collected following the standard wipe test procedures described in 40 CFR 761.123.
 - One air samples will be collected in Room B142. Air samples will be collected following the procedures outlined above in Section 4.2.4.4.
- Reporting – A report documenting the findings of the visual inspections, and wipe/air testing results will be prepared after each sampling event.
- Corrective Actions – If results of the verification sampling indicate PCB concentrations in excess of the project-specific action levels listed below, corrective measures shall be determined and taken following consultation with EPA.
 - <1 µg/100 cm² for surface wipes
 - EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air (EPA, 2016)

If after 3 rounds of sampling, to be conducted after Year 1, 3 and 5, there are no PCBs detected greater than the action levels listed above, no additional sampling will be conducted.

4.3 Schedule

Work related to the removal of >50 mg/kg PCB flooring materials, installation of encapsulation, and subsequent installation of new flooring is tentatively scheduled for Summer 2018 at Building B

4.4 Certification

Please see Appendix B for a written certification signed by: 1) the owner of the property where the cleanup Site is located, and 2) the party conducting the cleanup, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup Site, are on file at the location designated in the certificate, and are available for EPA inspection (§761.61(a)(3)(i)(E)).

5. REPAIR OF DETERIORATED FLOORING

If damaged flooring within an encapsulated area is observed, depending on the severity, several different protocols are outlined below:

- Minor Repairs:
 - If the linoleum is damaged or missing from a section of the floor, and the encapsulant is not visible (i.e., still beneath the mastic/glue and/or the cementitious layer), then new linoleum will be used to patch the floor. In this situation, hand tools may be used to scrape away the previous mastic/glue (as necessary), but care should be taken to not damage the encapsulated layer. No grinding of the floor surfaces should be performed for minor repairs.
 - For this scenario, as the encapsulant has not been damaged, maintenance staff may perform the repair and HAZWOPER training is not required.
 - Wastes generated during repair activities will be characterized for proper disposal. If PCBs are detected above the reporting limit, this waste will be disposed of as PCB Remediation Waste in accordance with 40 CFR 761.61(a)(5)(i) and (iii). Alternatively, instead of performing characterization sampling, it can be assumed that the waste is PCB Remediation Waste for disposal purposes.
- Moderate Repairs:
 - If the linoleum is damaged or missing from a section of the floor, and the upper coat of encapsulant is visible (i.e., the top color of the encapsulant, but not the bottom color), then a new cementitious layer will be installed (as needed) prior to patching the floor with new linoleum. Hand tools may be used to scrape away the previous mastic/glue (as necessary), but care should be taken to not damage the encapsulated layer.
 - For this scenario, as the encapsulant has not been damaged, maintenance staff may perform the repair and HAZWOPER training is not required.
 - Wastes generated during repair activities will be characterized for proper disposal. If PCBs are detected above the reporting limit, this waste will be disposed of as PCB Remediation Waste in accordance with 40 CFR 761.61(a)(5)(i) and (iii). Alternatively, instead of performing characterization sampling, it can be assumed that the waste is PCB Remediation Waste for disposal purposes.
- Major Repairs:
 - If the linoleum is damaged or missing from a section of the floor, and the bottom coat of encapsulant is visible (i.e., the bottom color of the encapsulant), then one coat of encapsulant (different color than bottom layer) will be applied. After the encapsulant has cured, a new cementitious layer will be installed prior to patching the floor with new linoleum. Hand tools may be used to scrape away the previous mastic/glue, but care should be taken to not damage the bottom coat of the encapsulant.
 - If the linoleum is damaged or missing from a section of the floor, and if any portion of the concrete slab is visible, then two coats of encapsulant (different color for each coat) need to be applied. After the encapsulant has cured, a new cementitious layer will be installed prior to patching the floor with new linoleum. Hand tools may be used to scrape away the previous mastic/glue, but care should be taken to not damage any encapsulant that is remaining in place.

- For this scenario, as the encapsulant has been damaged, HAZWOPER trained employees will be required to conduct repair activities. The workers will wear appropriate PPE, including, gloves, Tyvek suit, and shoe cover.
- Before starting a major repair, the work area will be set up with 6-mil poly protection to minimize dust accumulating on the nearby surfaces and collect debris. Movable furniture will be placed in a different area. If deemed necessary after consultation with a professional, containment with negative pressure will be erected. The HVAC system will be isolated by blocking the air distribution openings with plastic sheeting or other appropriate means. Dust generation will be minimized by using wet methods and/or HEPA filter vacuuming during repair activities.
- After a major repair, the immediate surfaces will be vacuumed with a HEPA-filtered vacuum cleaner and then wiped with a wet cloth. The work area will then be visually inspected to monitor that no dust or debris is present and the area will be re-cleaned thoroughly if dust or debris is identified.
- All waste generated during repair activities will be disposed as PCB Remediation Waste in accordance with 40 CFR 761.61(a)(5)(i) and (iii).
- Confirmatory sampling will be performed in accordance with Section 4.2.4.1.
- In the event that containment is necessary, confirmatory sampling will be conducted in accordance with Section 4.2.4.2.

6. CONCLUSION

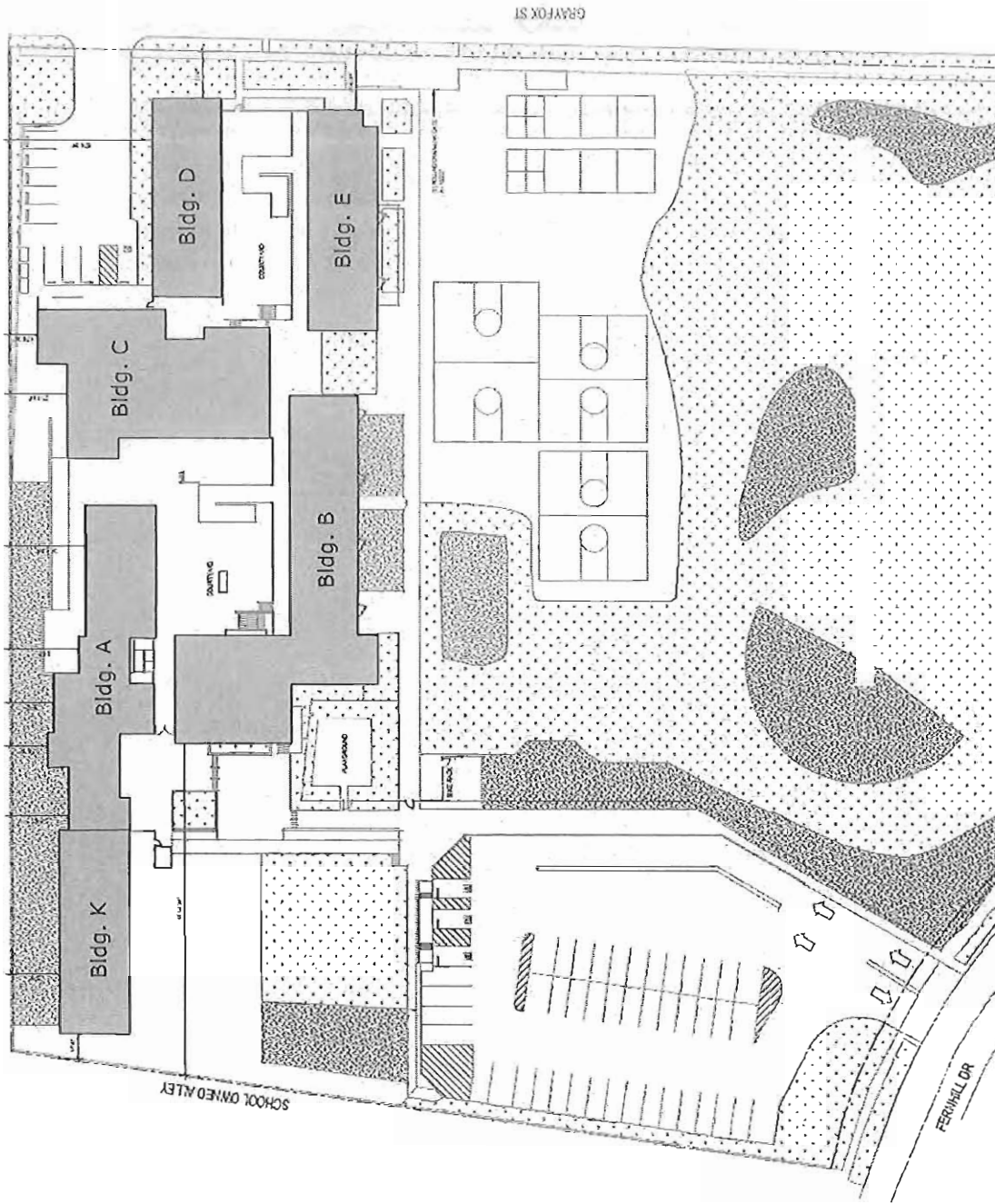
On behalf of SMMUSD, Ramboll requests EPA approval of this *Notification and Request for Approval, PCB Remediation Waste Plan* under 40 CFR 761.61(c) associated with the removal of >50 mg/kg PCB flooring materials and encapsulation of the underlying concrete slab, assumed to contain PCBs at concentrations >1 mg/kg, but below approximately 24.6 mg/kg.

If conditions are encountered that vary substantially from those anticipated, this plan may be revised to accommodate those conditions. Pursuant to 40 CFR Section 761.61(a)(3)(ii), EPA will be notified of changes to this plan, in writing, at least 14 days prior to the preferred date for implementation of the changes.

7. REFERENCES

EPA. 2016. Exposure Levels for Evaluation of PCBs in Indoor School Air. February 26. Available online: <https://www.epa.gov/pcbs/exposure-levels-evaluation-polychlorinated-biphenyls-pcbs-indoor-school-air>.

Ramboll. 2018. *Notification and Request for Approval, Cleanup and Disposal of PCB Remediation Waste Plan, Buildings A and B/C*. March 2.



Site Layout
Point Dume Elementary School
6955 Fernhill Drive
Malibu, California

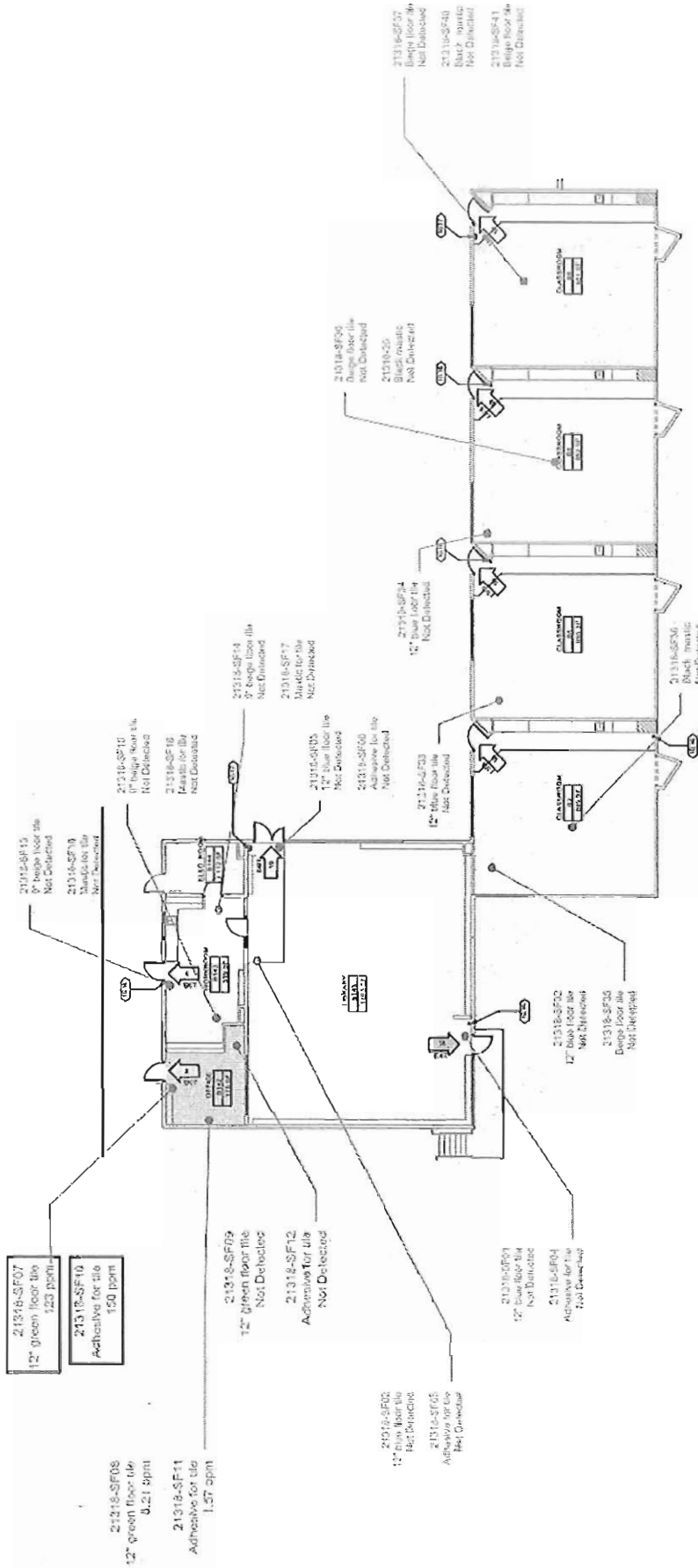
FIGURE 1

XXXXXX

RAMBOLL

DATE: 6/6/2010

GRANTED BY: R. COLE



0 10
SCALE IN FEET

FIGURE
2
PROJECT: 1695000000

PCB Sample Location Map - Building B (Main)
Point Dume Elementary School
6955 Fernhill Drive
Malibu, California



DRAWN BY: R. CASH
DATE: 6/2016



APPENDIX A
LABORATORY REPORTS

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 19, 2018

Mr. Cesar Ruvalcaba
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

Project: Point Dume Bldg B
Lab I.D.: 180214-51 through -68

Dear Mr. Ruvalcaba:

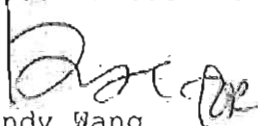
The analytical results for the solid samples, received by our laboratory on February 14, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807

Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

PROJECT: Point Dume Bldg. B

DATE RECEIVED: 02/14/18

DATE SAMPLED: 02/13/18

DATE EXTRACTED: 02/14-15/18

MATRIX: SOLID

DATE ANALYZED: 02/16/18

REPORT TO: MR. CESAR RUVALCABA

DATE REPORTED: 02/19/18

PCBs ANALYSIS

METHOD: EPA 3540C/8082; PAGE 1 OF 2

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	TOTAL PCBs*	DF
21318-SF1	180214-51	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF2	180214-52	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF3	180214-53	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF4	180214-54	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF5	180214-55	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF6	180214-56	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF7	180214-57	ND	ND	ND	ND	ND	123***	ND	123***	5
21318-SF8	180214-58	ND	ND	ND	ND	ND	5.21	ND	5.21	2
21318-SF9	180214-59	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF10	180214-60	ND	ND	ND	ND	ND	150***	ND	150***	10
21318-SF11	180214-61	ND	ND	ND	ND	ND	1.57	ND	1.57	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1

PQL 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = DF X PQL

ND = Non-Detected Or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

^ = Actual detection limit raised due to limited sample

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807

Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

PROJECT: Point Dume Bldg. B

DATE RECEIVED: 02/14/18

DATE SAMPLED: 02/13/18

DATE EXTRACTED: 02/14-15/18

MATRIX: SOLID

DATE ANALYZED: 02/16/18

REPORT TO: MR. CESAR RUVALCABA

DATE REPORTED: 02/19/18

PCBs ANALYSIS

METHOD: EPA 3540C/8082; PAGE 2 OF 2

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
21318-SF12	180214-62	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF13	180214-63	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF14	180214-64	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF15	180214-65	ND	ND	ND	ND	ND	ND	ND	ND	4^
21318-SF16	180214-66	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF17	180214-67	ND	ND	ND	ND	ND	ND	ND	ND	4^
21318-SF18	180214-68	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1

PQL 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

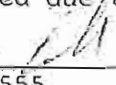
Actual Detection Limit = DF X PQL

ND = Non-Detected Or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

^ = Actual detection limit raised due to limited sample

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: **Soil/Solid/Sludge**

Date Analyzed: **2/16/2018**

Unit: **mg/Kg(PPM)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **180215-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.095	95%	0.104	104%	9%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.092	92%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180214-42	180214-43	180214-44	180214-45	180214-46	180214-47
Tetra-chloro-meta-xylene	50-150	141%	127%	128%	118%	123%	126%	97%
Decachlorobipneyl	50-150	132%	82%	72%	125%	145%	83%	98%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-48	180214-49	180214-50	180214-51	180214-52	180214-53	180214-54	180214-55
Tetra-chloro-meta-xylene	134%	92%	103%	118%	121%	123%	131%	129%
Decachlorobipneyl	83%	134%	144%	99%	92%	97%	110%	106%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-56	180214-57	180214-58	180214-59	180214-60	180214-61
Tetra-chloro-meta-xylene	121%	127%	125%	136%	121%	123%
Decachlorobipneyl	87%	94%	77%	114%	98%	136%

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: Soil/Solid/Sludge

Date Analyzed: 2/16/2018

Unit: mg/Kg(PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 180215-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.088	88%	0.082	82%	7%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.090	90%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180214-62	180214-63	180214-64	180214-65	180214-66	180214-67
Tetra-chloro-meta-xylene	50-150	132%	126%	106%	134%	131%	129%	121%
Decachlorobipneyl	50-150	100%	113%	97%	146%	111%	99%	117%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-68	180214-69	180214-70	180214-71	180214-72	180214-73	180214-74	180214-75
Tetra-chloro-meta-xylene	139%	126%	116%	120%	110%	120%	118%	124%
Decachlorobipneyl	143%	93%	93%	124%	83%	118%	129%	106%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-76	180214-77	180214-78	180214-79	180214-80	180214-81
Tetra-chloro-meta-xylene	121%	128%	118%	117%	106%	124%
Decachlorobipneyl	99%	110%	99%	84%	87%	94%

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,

Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

0 Same Day

0 24 Hours

0 48 Hours

0 72 Hours

0 1 Week (Standard)

Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
21318-SF1	80214-51	21318-	1570	Bulk	1		Ice	X				Heavy Samples
SF2	-12		1570		1			X				
SF3	-13		1600		1			X				
SF4	-14		1608		1			X				
SF5	-15		1620		1			X				
SF6	-16		1630		1			X				
SF7	-17		1640		1			X				
SF8	-18		1645		1			X				
SF9	-19		1650		1			X				
SF10	-20		1655		1			X				
SF11	-21		1700		1			X				
SF12	-22		1705		1			X				
SF13	-23		1715		1			X				
SF14	-24		1720		1			X				
SF15	-25		1721		1			X				

Company Name: Alka Earth

Address: 3877 Ley Beach Blvd

City/State/Zip: Ley Beach Ca

Relinquished by: [Signature] 2-14-18

Relinquished by: [Signature]

Relinquished by: [Signature]

Project Contact: C. R. = 1666

Project Name/ID: Port Ave Bldg B

Sampler's Signature: [Signature]

Date & Time: 2/14/18 1130

Date & Time: [Blank]

Date & Time: [Blank]

Instructions for Sample Storage After Analysis:

☐ Dispose of ☐ Return to Client ☐ Store (30 Days)

☐ Other

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE - YELLOW TO CLIENT

Date: 2-14-18

Page 1 of 2

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 19, 2018

Mr. Cesar Ruvalcaba
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

Project: Point Dume Bldg. F&H
Lab I.D.: 180214-69 through -81

Dear Mr. Ruvalcaba:

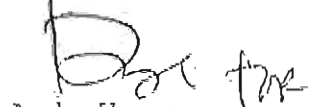
The analytical results for the solid samples, received by our laboratory on February 14, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807

Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

PROJECT: Point Dume Bldg. F&H

DATE RECEIVED: 02/14/18

DATE SAMPLED: 02/13/18

DATE EXTRACTED: 02/14-15/18

MATRIX: SOLID

DATE ANALYZED: 02/16/18

REPORT TO: MR. CESAR RUVALCABA

DATE REPORTED: 02/19/18

PCBs ANALYSIS

METHOD: EPA 3540C/8082

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
21318-SF19	180214-69	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF20	180214-70	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF21	180214-71	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF22	180214-72	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF23	180214-73	ND	ND	ND	ND	ND	ND	ND	ND	4^
21318-SF24	180214-74	ND	ND	ND	ND	ND	ND	ND	ND	2^
21318-SF25	180214-75	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF26	180214-76	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF27	180214-77	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF28	180214-78	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF29	180214-79	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF30	180214-80	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF31	180214-81	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1

PQL 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

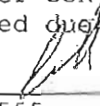
Actual Detection Limit = DF X PQL

ND = Non-Detected Or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

^ = Actual detection limit raised due to limited sample

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-6907

EPA 8082 QA/QC Report

Matrix: Soil/Solid/Sludge

Date Analyzed: 2/16/2018

Unit: mg/Kg(PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 180215-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.088	88%	0.082	82%	7%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.090	90%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180214-62	180214-63	180214-64	180214-65	180214-66	180214-67
Tetra-chloro-meta-xylene	50-150	132%	126%	106%	134%	131%	129%	121%
Decachlorobipneyl	50-150	100%	113%	97%	146%	111%	99%	117%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-68	180214-69	180214-70	180214-71	180214-72	180214-73	180214-74	180214-75
Tetra-chloro-meta-xylene	139%	126%	116%	120%	110%	120%	118%	124%
Decachlorobipneyl	143%	93%	93%	124%	83%	118%	129%	106%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-76	180214-77	180214-78	180214-79	180214-80	180214-81
Tetra-chloro-meta-xylene	121%	128%	118%	117%	106%	124%
Decachlorobipneyl	99%	110%	99%	84%	87%	94%

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: _____

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,

Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHSELAP CERTIFICATE #1555

Turnaround Time

0 Same Day

0 24 Hours

☒ 48 Hours

0 72 Hours

0 1 Week (Standard)

Other:

SAMPLE ID		LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS	Misc./PO#
21318-SF14	18024-64		2-23-18	1800	Bulk	1		Ice	X		Heavy Samples - Bldg	Pack Dune Bldg F & H
SF20	-70			1802					X			
SF21	-71			1807					X			
SF22	-72			1815					X			
SF23	-73			1818					X			
SF24	-74			1825					X			
21318-SF25	-75		2-23-18	1900		1			X		Heavy Samples - Bldg	
SF26	-76			1905		1			X			
SF27	-77			1920		1			X			
SF28	-78			1930		1			X			
SF29	-79			1940		1			X			
SF30	-80			1945		1			X			
SF31	-81			1950		1			X			
Company Name: Alta Environmental			Project Contact: C. Ruculek		Project Name/ID: Point Dune Bldg F & H		Sampler's Signature: [Signature]					
Address: 3777 Lags Beach Blvd			Tel:		Fax:		Date & Time: 2/14/18 1730		Instructions for Sample Storage After Analysis:			
City/State/Zip: Lags Beach Ca			Received by: [Signature]		Received by: [Signature]		Date & Time:		O Dispose of O Return to Client O Store (30 Days)			
Relinquished by: [Signature]			Received by: [Signature]		Received by: [Signature]		Date & Time:		O Other:			

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE - YELLOW TO CLIENT

Date: 2-14-18

Page 1 of 1

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 19, 2018

Mr. Cesar Ruvalcaba
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

Project: Point Dume Bldg. G
Lab I.D.: 180214-82 through -91

Dear Mr. Ruvalcaba:

The analytical results for the solid samples, received by our laboratory on February 14, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental
3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
Tel: (562) 495-5777 Email: Cesar.Ruvalcaba@altaenviron.com

PROJECT: Point Dume Bldg. G

DATE SAMPLED: 02/13/18

MATRIX: SOLID

REPORT TO: MR. CESAR RUVALCABA

DATE RECEIVED: 02/14/18

DATE EXTRACTED: 02/14-15/18

DATE ANALYZED: 02/16/18

DATE REPORTED: 02/19/18

PCBs ANALYSIS

METHOD: EPA 3540C/8082

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
21318-SF32	180214-82	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF33	180214-83	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF34	180214-84	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF35	180214-85	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF36	180214-86	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF37	180214-87	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF38	180214-88	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF39	180214-89	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF40	180214-90	ND	ND	ND	ND	ND	ND	ND	ND	1
21318-SF41	180214-91	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1

PQL 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5

COMMENTS

DF = Dilution Factor

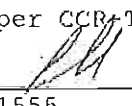
PQL = Practical Quantitation Limit

Actual Detection Limit = DF X PQL

ND = Non-Detected Or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: Soil/Solid/Sludge

Date Analyzed: 2/16-17/2018

Unit: mg/Kg(PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 180215-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.110	110%	0.106	106%	4%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.090	90%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180214-82	180214-83	180214-84	180214-85	180214-86	180214-87
Tetra-chloro-meta-xylene	50-150	135%	125%	125%	100%	117%	119%	126%
Decachlorobipneyl	50-150	91%	90%	148%	76%	103%	118%	99%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-88	180214-89	180214-90	180214-91	180214-92	180214-93	180214-94	180214-95
Tetra-chloro-meta-xylene	140%	118%	138%	118%	125%	125%	128%	125%
Decachlorobipneyl	126%	115%	116%	99%	139%	120%	95%	120%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180214-96	180214-97	180214-98	180214-99	180214-100	180214-101
Tetra-chloro-meta-xylene	129%	131%	129%	126%	136%	121%
Decachlorobipneyl	103%	128%	143%	123%	77%	75%

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
☐ Same Day
☐ 24 Hours
☒ 48 Hours
☐ 72 Hours
☐ 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
2138-SF32	8014-82	2-13-18	Bulk	1		Ice	X		Flowing Samples
SF33	-83	2015		1			X		
SF34	-84	2020		1			X		
SF35	-85	2025		1			X		
SF36	-86	2030		1			X		
SF37	-87	2032		1			X		
SF38	-88	2035		1			X		
SF39	-89	2040		1			X		
SF40	-90	2045		1			X		
SF41	-91	2046		1			X		

Company Name: <u>Alta Environmental</u>	Project Contact: <u>C. Peralta</u>	Sampler's Signature: <u>[Signature]</u>
Address: <u>3777 Long Beach Blvd</u>	Tel: _____	Project Name/ID: <u>Pont Dune Bldg 6</u>
City/State/Zip: <u>Long Beach</u>	Fax: _____	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Instructions for Sample Storage After Analysis: <input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:
Relinquished by: _____	Received by: _____	
Relinquished by: _____	Received by: _____	

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE - YELLOW TO CLIENT

Date: 2-14-18

Page 1 of 1



APPENDIX B NOTIFICATION AND CERTIFICATION



Certification

Notification and Request for Approval, PCB Remediation Waste Plan
Santa Monica-Malibu Unified School District
Point Dume Elementary School, 6955 Fernhill Drive, Malibu, California

Cleanup activities are planned for the Point Dume Elementary School located at 6955 Fernhill Drive, Malibu, California ("Site") as described in the above Notification and Request for Approval, PCB Remediation Waste Plan. In accordance with 40 CFR 761.61(a)(3)(I)(E) and 761.61(c), the undersigned parties hereby certify that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the Site are on file and available for USEPA inspection at the offices of SMMUSD, 1651 Sixteenth Street, Santa Monica, CA 90404.

Each person signing this document represents that he or she is authorized to do so on behalf of the party for whom such execution is made.

Santa Monica-Malibu Unified School District

Signature: Carey Upton

Name: CAREY UPTON

Title: CHIEF OPERATIONS OFFICER

Date: 6/13/10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

JUL 18 2018

EXHIBIT B

Mr. Carey Upton
Chief Operations Officer
SMMUSD
1651 16th Street
Santa Monica CA 90404

Re: TSCA PCB Cleanup and Disposal Approval under 40 C.F.R. § 761.61(c) for
PCB Remediation Waste at Building B, Room B142
Point Dume Elementary School, Malibu, California (PCBCA2018005)

Dear Mr. Upton:

Thank you for submitting the "Notification and Request for Approval, PCB Remediation Waste Plan, Point Dume Elementary School, Malibu, California" dated June 26, 2018 ("the Application"). The Application was submitted to the U.S. Environmental Protection Agency, Region 9 (EPA) by the Santa Monica-Malibu Unified School District (the "District"). Pursuant to 40 C.F.R. § 761.61(c), the EPA is approving certain provisions, as described below, from the Application.

In anticipation of a flooring renovation project, samples of building materials were collected for waste characterization purposes. Representative bulk samples were collected in building materials in Buildings A, B, C, D, E and K for PCB analysis. Based on the results of this sampling, most samples were non-detect on the campus. There were two detections of PCBs > 50 parts per million (ppm) on the school campus, both were in room B142. There was one sample of green floor tile that had a concentration of 123 ppm and there was one detection of adhesive that had a concentration of 150 ppm.

Sampling of the porous concrete slab beneath the >50 ppm PCB-containing flooring materials was not performed because sampling of similarly impacted concrete floors at another campus within the District confirmed that the concrete is PCB Remediation Waste. It is assumed that the concrete is contaminated and therefore will be managed as a PCB Remediation Waste.

Specifically, EPA is approving the following provisions from the District's Application to address building material that was previously in contact with the PCB-containing flooring material (PCB remediation waste) following removal of the PCB-containing flooring material in Building B Room B142 at Point Dume Elementary School.

1. Site controls listed in Section 4.2.1 of the Application will be followed at all times to ensure any dust or airborne concentrations of PCBs created during the renovation activities remain controlled.

2. Complete removal of the PCB-containing flooring material with concentrations > 50 ppm and the surface preparation of the underlying porous concrete slab shall be performed in accordance with Section 4.2.2 of the Application.
3. Following the removal of the PCB-containing flooring material and the surface preparation, the porous concrete slab shall receive an encapsulant. The application of a double coat of a non-Volatile Organic Compound(VOC) epoxy-based sealant¹ shall be done over the area underlying all the removed PCB-containing flooring material. The encapsulation process will be done in accordance with Section 4.2.3 of the Application.
4. Following the application of the encapsulant, but prior to the removal of the containment and prior to the application of the final flooring surface (linoleum), surface wipe sampling of the encapsulated surface shall be performed after encapsulation curing. The wipe samples shall be performed in accordance with Section 4.2.4.1 of the Application.
 - a. If analytical results are $\leq 1 \mu\text{g}/100 \text{ cm}^2$ it may be considered that encapsulation is complete and the containment around the area can be removed and site controls dismantled.
 - b. If analytical results are $> 1 \mu\text{g}/100 \text{ cm}^2$, consultation with EPA is required. Additional application of the encapsulant may be applied and additional confirmatory wipe testing conducted. Containment may not be removed and the site controls must remain in place.
5. After containment has been removed, but before the area has been cleared, confirmatory wipe and air sampling must be collected from the renovated space prior to clearance for students or teachers to occupy the space in accordance with Section 4.2.4 and 4.2.5 of the Application. In the event the verification samples for wipe samples do not meet $\leq 1 \mu\text{g}/100 \text{ cm}^2$ and air is not below EPA's Exposure Levels for Evaluation of PCBs in Indoor School Air within two rounds of sampling, the District shall discuss with EPA alternative decontamination options.
6. Site restoration activities must be done in a manner that does not damage the encapsulant. Procedures described in Section 4.2.7 of the Application must be followed for the installation of the final flooring surface.
7. A deed notice must be recorded that includes the encapsulation remedial approach in accordance with Section 4.2.9 of the Application. The District must submit proof to EPA that this deed notice has been recorded.
8. At least two surface wipe samples and one air sample will be collected 1, 3, and 5 years after installation of the encapsulation and will follow the protocol listed in Section 4.2.10 of the Application.

¹ The District shall use one of the non-VOC epoxy-based sealants evaluated by U.S. EPA's Office of Research and Development in the report "Laboratory Study of Polychlorinated Biphenyl (PCB) Contamination and Mitigation in Buildings" (EPA/600/R-11/156B April 2012).

Approval under 40 C.F.R. § 761.61(c) for
Building B, Room B142
Point Dume Elementary School, Malibu, CA
PCBCA2018005

9. Routine visual inspections of the flooring material must be done in accordance with Section 4.2.10 of the Application.
10. Repair of deteriorated flooring must be done in a manner that maintains the integrity of the encapsulation, in accordance with Section 5 of the Application.
11. EPA is approving the offsite disposal of the PCB remediation waste associated with future maintenance needs from this flooring material under the following conditions
 - a. All PCB remediation waste shall be disposed in accordance with the 40 CFR 761.61(a)(5)(ii) and (iii).


An approval under 40 C.F.R. § 761.61(c) requires EPA to make a finding that PCB remediation wastes remaining in place at Point Dume Elementary School, Building B Room B142 will not pose an unreasonable risk of injury to health or the environment. The process of encapsulation combined with the monitoring and other provisions of this approval will ensure that there is no unreasonable risk of injury to health or the environment. EPA is hereby making a finding that the remediation actions undertaken and planned by the District meet this TSCA standard as discussed in this approval.

This approval does not relieve the District and its consultants from complying with all applicable Federal laws and regulations, or state and local laws, regulations and permits, nor does it exempt or waive any requirement to obtain additional cleanup orders, approvals or permits pursuant to TSCA or other regulatory programs, where warranted. Nothing in this document bars EPA from imposing penalties for violations of applicable TSCA PCB requirements or for activities not covered under this approval. Departure from this approval without prior written permission from EPA may result in revocation of this approval. If additional information demonstrates that EPA can no longer make a no unreasonable risk determination, EPA will modify or revoke the approval.

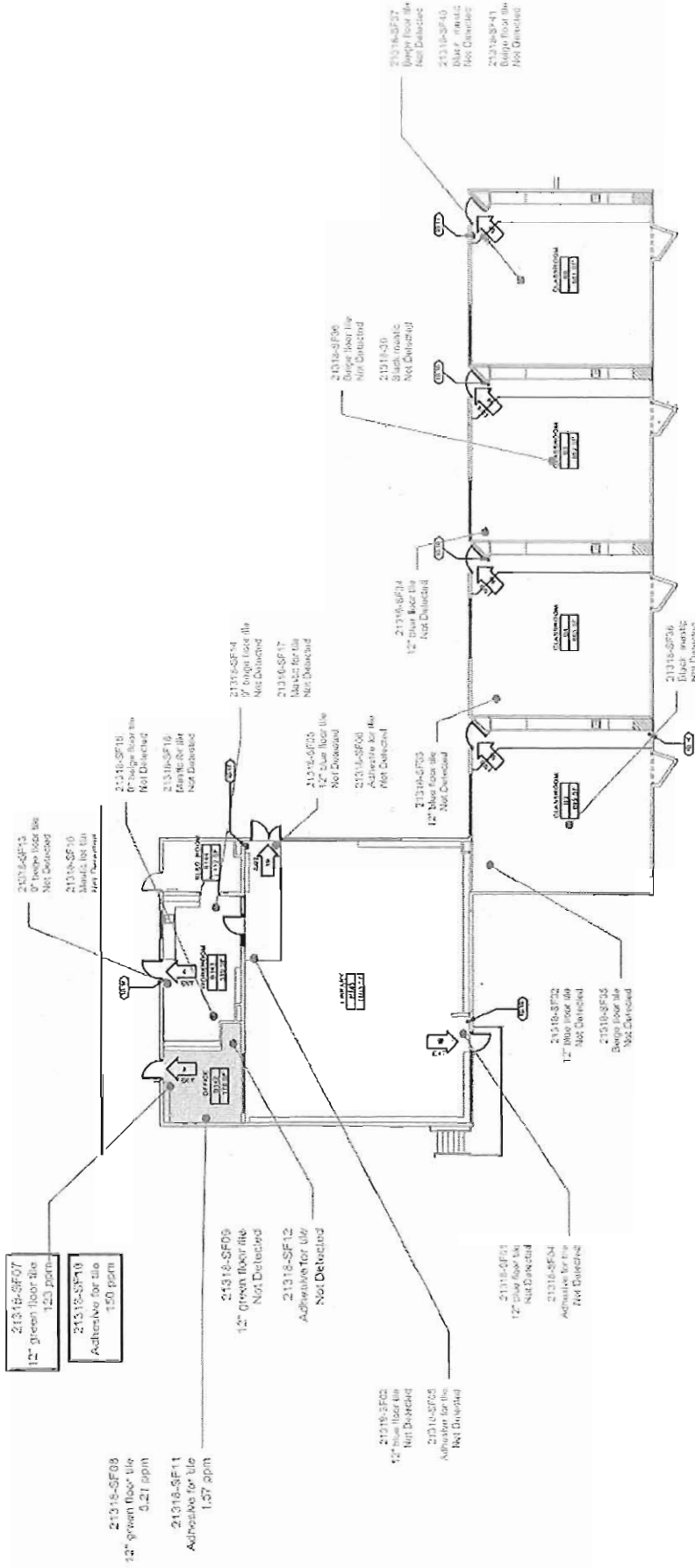
This approval only applies to the PCB remediation waste (porous concrete slab) remaining in place in Building B, Room B142 at Point Dume Elementary School, as shown in the attached Figures. EPA reserves the right to require additional characterization and/or cleanup of PCBs at the Site if new information shows that PCBs remain at the Site above the EPA-approved PCB cleanup levels, or if PCBs are found at other areas of the Site or immediately adjacent to the Site.

If you have any questions concerning this approval, please contact Amanda Cruz (cruz.amanda@epa.gov) of my staff at (415) 972-3084. Thank you for your cooperation.

Sincerely,


Jeff Scott, Director
Land Division

CC: Jason Wilkinson (Ramboll)
Doug Daugherty (Ramboll)



0 10
SCALE IN FEET

PCB Sample Location Map – Building B (Main)
Point Dume Elementary School
6955 Fernhill Drive
Malibu, California



DATE 6/6/2018
DRAWN BY: R. Carr



EXHIBIT C

December 19, 2018 (REVISED January 10, 2019)

Santa Monica-Malibu Unified School District
Facilities Improvement Projects
2828 4th Street
Santa Monica, California 90405

Attention: Chris Emmett

Re: PCB Wipe and Air Sampling Results
Point Dume Elementary School, Building B, Book Room

1 PROJECT BACKGROUND

Alta Environmental (Alta) conducted full-time monitoring and observation during the removal of flooring material containing PCBs from the Book Room in Building B (Site).

2 PROJECT OBSERVATIONS

Flooring Removal Work Activities

Karcher Environmental, Inc. (Karcher) completed removal of PCB containing source material (flooring and adhesive) at the Site. A full containment work area including critical barriers, three-stage worker decontamination facility, and temporary negative pressure differential was established. The removal was completed using manual means and wet methods. The work was completed by HAZWOPER trained technicians.

Following the removal of all visible flooring material and associated adhesive, Karcher and Alta field personnel performed a final visual inspection. The area was found to be acceptably free of PCB source material. Because the associated underlying concrete slab is considered to be PCB Remediation Waste, as it was impacted by PCB source materials containing greater than 50 parts per million PCBs, and the slab will remain in place, it was treated in accordance with Notification and Request for Approval, PCB Remediation Waste Plan, Point Dume Elementary School, Malibu, Ca which was approved by the USEPA on July 18, 2018.

Karcher applied the specified epoxy floor coating in accordance with the approved application. The final coat of the epoxy was applied on July 25, 2018. After an appropriate cure time, Alta collected an initial set of wipe samples in order to clear the work area to allow for restoration of the work area. This sampling was conducted on August 1, 2018 and the samples met the criteria established for releasing the work area for restorative work.

In accordance with the approved plan, Alta collected both wipe and air sampling inside the Book Room when the restoration work in the Book Room was completed. All samples collected, both wipe and air were reported below the recommended level established by the EPA area re-occupancy.

Alta Environmental

3777 Long Beach Boulevard Annex Building Long Beach CA 90807 United States of America
T (+1) (310) 530 5006 F (+1) (310) 530 0792 Toll-free (US only) (800) 777-0605 coffey.com

3 CONCLUSIONS

All PCB related work was completed in accordance with the approved "TSCA PCB Cleanup and Disposal Approval under 40 C.F.R. 761.61(c) for PCB Remediation Waste at Building B, Room B142 Point Dume Elementary School, Malibu, California (PCBCA2018005)" (USEPA Letter, July 2018).

4 SIGNATORY

Respectfully submitted by:

Alta Environmental

A handwritten signature in black ink, appearing to read "David Schack".

David Schack
Project Manager
Certified Asbestos Consultant #92-0219
CDPH Inspector/Assessor, Project Monitor #1104

Attachments:

Laboratory Results, Chain of Custodies, and
UPEPA letter



ANALYTICAL REPORT

Report Date: August 08, 2018

Scott Fan
ALTA Environmental
3777 Long Beach Blvd.
Long Beach, CA 90807

Phone: (562) 495-5777

E-mail: Scott.Fan@altaenviron.com

Workorder: **34-1821539**

Project ID: SMSD-17-6806 Point Dume

Purchase Order: NA

Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
080118-SFJR01	1821539001	08/01/18	08/03/18	Point Dume
080118-SFJR02B	1821539002	08/01/18	08/03/18	Point Dume

ADDRESS 960 West LeVoy Drive, Salt Lake City, Utah, 84123 USA | PHONE +1 801 266 7700 | FAX +1 801 268 9992

ALS GROUP USA, CORP. An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



ANALYTICAL REPORT

Workorder: 34-1821539

Client: ALTA Environmental

Project Manager: Paul E. Pope

Analytical Results

Sample ID: 080118-SFJR01		Sampling Site: Point Dume		Collected: 08/01/2018	
Lab ID: 1821539001		Media: PUF Tube		Received: 08/03/2018	
Matrix: Air		Sampling Parameter: Air Volume 7113.6 L			
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A		Weight/Volume		Analysis: EPA TO-10A, PCBs Air	
Batch: ENVX/27146 (HBN: 220319)		Initial: 1 filter		Batch: EGC/7404 (HBN: 220389)	
Prepared: 08/03/2018		Final: 10 mL		Analyzed: 08/06/2018 00:00	
				Instrument ID: GCE03	
				Percent Solid: NA	
				Report Basis: Wet	
Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	<28	200	1	
Aroclor 1232	ND	<14	100	1	
Aroclor 1016	ND	<14	100	1	
Aroclor 1242	ND	<14	100	1	
Aroclor 1248	ND	<14	100	1	
Aroclor 1254	ND	<14	100	1	
Aroclor 1260	ND	<14	100	1	
Aroclor 1262	ND	<14	100	1	
Aroclor 1268	ND	<14	100	1	

Sample ID: 080118-SFJR02B	Sampling Site: Point Dume	Collected: 08/01/2018			
Lab ID: 1821539002	Media: PUF Tube	Received: 08/03/2018			
Matrix: Air	Sampling Parameter: NA				
Analysis Method - EPA TO-10A, PCBs					
Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air			
Batch: ENVX/27146 (HBN: 220319)	Initial: 1 filter	Batch: EGC/7404 (HBN: 220389)			
Prepared: 08/03/2018	Final: 10 mL	Analyzed: 08/06/2018 00:00			
		Instrument ID: GCE03			
		Percent Solid: NA			
		Report Basis: Wet			
Analyte	Result (ng/sample)	Result (ng/m³)	RL (ng/sample)	Dilution	Qual
Aroclor 1221	ND	NA	200	1	
Aroclor 1232	ND	NA	100	1	
Aroclor 1016	ND	NA	100	1	
Aroclor 1242	ND	NA	100	1	
Aroclor 1248	ND	NA	100	1	
Aroclor 1254	ND	NA	100	1	
Aroclor 1260	ND	NA	100	1	
Aroclor 1262	ND	NA	100	1	
Aroclor 1268	ND	NA	100	1	

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method	Analyst	Peer Review
EPA TO-10A, PCBs	/S/ Lyle Edwards 08/07/2018 08:39	/S/ Nadja Borges 08/07/2018 11:40



ANALYTICAL REPORT

Workorder: **34-1821539**

Client: ALTA Environmental

Project Manager: Paul E. Pope

Laboratory Contact Information

ALS Environmental
960 W Levoe Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alslsc.com

General Lab Comments

The results provided in this report relate only to the items tested.
Samples were received in acceptable condition unless otherwise noted.
Samples have not been blank corrected unless otherwise noted.
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body	Certificate Number	Website
Environmental	PJLA (DoD ELAP)		
	Utah (TNI)		
	Nevada		
	Oklahoma		
	Iowa		



ANALYTICAL REPORT

Workorder: 34-1821539

Client: ALTA Environmental

Project Manager: Paul E. Pope

Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

** No result could be reported, see sample comments for details.

Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: August 3, 2018

Mr. David Schack
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

Project: SMSD-17-6806
Lab I.D.: 180802-17, -18, -19

Dear Mr. Schack:

The analytical results for the wipe samples, received by our laboratory on August 2, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental
3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

PROJECT: SMSD-17-6806

DATE SAMPLED: 08/01/18

MATRIX: WIPE

REPORT TO: MR. DAVID SCHACK

DATE RECEIVED: 08/02/18

DATE EXTRACTED: 08/02/18

DATE ANALYZED: 08/02/18

DATE REPORTED: 08/03/18

EPA 8082 FOR PCBs

UNITS: $\mu\text{g}/100\text{CM}^2$ = MICROGRAM PER 100 SQUARE CENTIMETERS

SAMPLE I.D.	LABORATORY I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
080118-JRSF01	180802-17	ND	ND	ND	ND	ND	ND	ND	ND	1
080118-JRSF02	180802-18	ND	ND	ND	ND	ND	ND	ND	ND	1
080118-JRSF03B	180802-19	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	

COMMENTS:


PQL = Practical Quantitation Limit

DF = Dilution Factor

Actual Detection Limit = PQL X DF

ND = Non-Detected or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix:

Wipe

Date Analyzed:

8/2/2018

Unit:

ug / 100 cm²

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **180802-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	20.0	20.8	104%	17.4	87%	18%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	20.0	18.7	94%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180802-17	180802-18	180802-19			
Tetra-chloro-meta-xylene	50-150	90%	69%	60%	65%			
Decachlorobipneyl	50-150	99%	75%	68%	57%			

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene								
Decachlorobipneyl								

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By:

Final Reviewer:

Turnaround Time

On Same Day

24 Hours

Send in a

0 72 Hours
0 1 Week / 1st

Other:

Other:

[illegible]

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: July 10, 2018

Mr. David Schack
Alta Environmental
3777 Long Beach Blvd, Annex Building
Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

Project: Point Dume
Lab I.D.: 180709-16, -17

Dear Mr. Schack:

The analytical results for the wipe samples, received by our laboratory on July 9, 2018, are attached. The samples were received intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta Environmental
3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
Tel: (562) 495-5777 Email: David.Schack@altaenviron.com

PROJECT: Point Dume

DATE SAMPLED: 07/09/18
DATE RECEIVED: 07/09/18
MATRIX: WIPE
DATE EXTRACTED: 07/09/18
REPORT TO: MR. DAVID SCHACK
DATE ANALYZED: 07/09/18
DATE REPORTED: 07/10/18

EPA 8082 FOR PCBs

UNITS: ug/WIPE = MICROGRAM PER WIPE

SAMPLE I.D.	LABORATORY I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
70918-FR1	180709-16	ND	ND	ND	ND	ND	ND	ND	ND	1
70918-FR2	180709-17	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

COMMENTS:

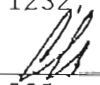
PQL = Practical Quantitation Limit

DF = Dilution Factor

Actual Detection Limit = PQL X DF

ND = Non-Detected or Below the Actual Detection Limit

* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8082 QA/QC Report

Matrix: Wipe
Unit: ug/wipe

Date Analyzed: 7/9/2018

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 180709-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	20.0	23.8	119%	23.1	116%	3%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	20.0	23.8	119%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180709-16	180709-17				
Tetra-chloro-meta-xylene	50-150	99%	107%	102%				
Decachlorobipneyl	50-150	85%	86%	83%				

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene								
Decachlorobipneyl								

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)


spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
☐ Same Day
☒ 24 Hours
☐ 48 Hours
☐ 72 Hours
☐ 1 Week (Standard)
 Other:

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Independent Construction Inspection

Helping to Build Our Children's Future Today!

EXHIBIT D

January 16, 2019

Mr. Chris Emmett
Facility Improvement Projects
Santa Monica-Malibu Unified School District

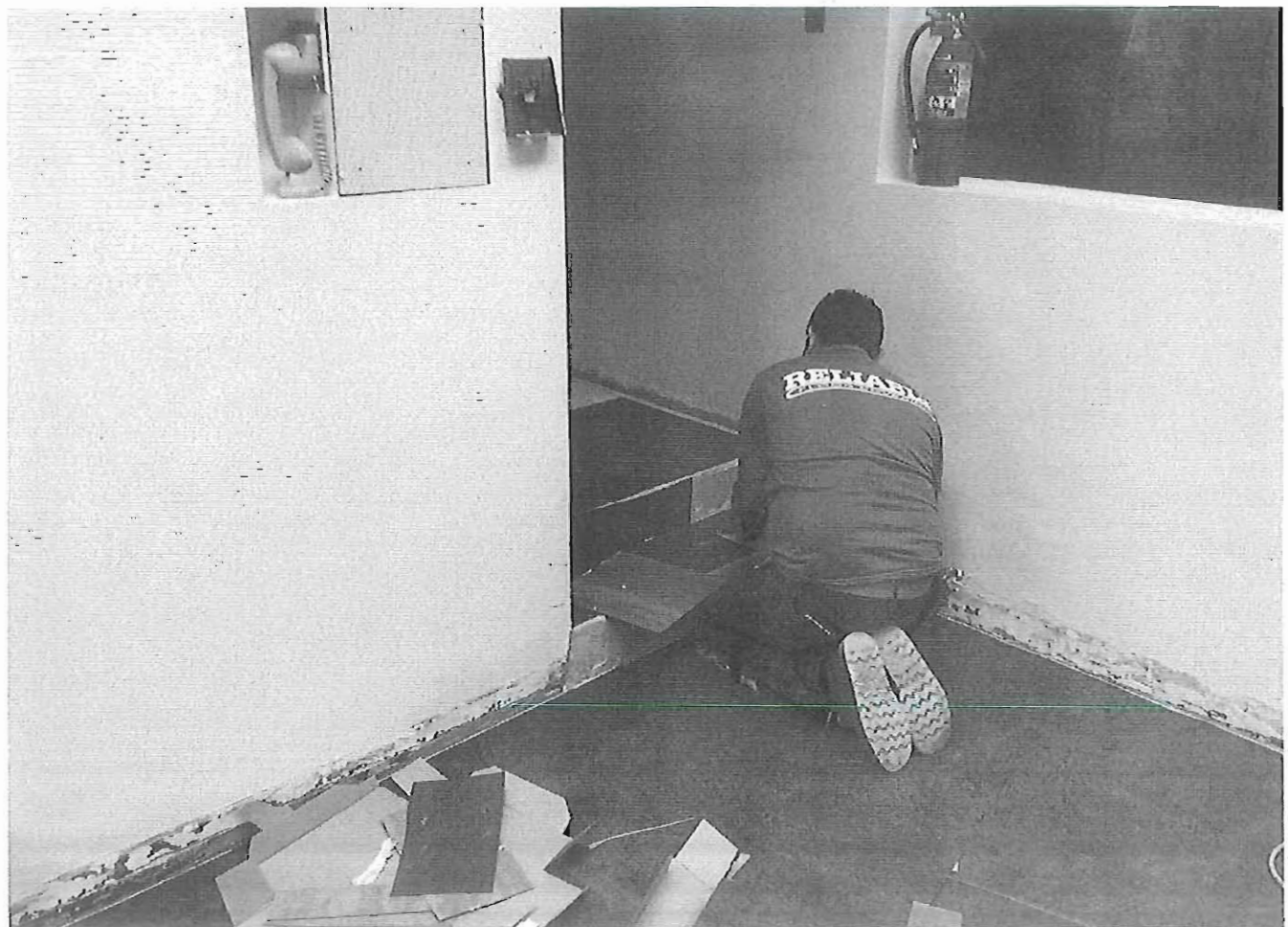
Re: Completion of flooring installation in Room B124 @ Point Dume Elementary
6955 Fernhill Dr, Malibu CA 90265

Dear Mr. Emmett

This letter is to confirm the inspection and installation of MCT flooring in Room B142 was completed on 7/30/2018 – The installation was completed after the 2 layers of epoxy flooring were installed and documented. Please feel free to contact me with any questions or concerns at (714) 292 6223.

Sincerely yours,

William J. Jameson
President/Class I Inspector - License # 4842
Independent Construction Inspection, Inc.



Appendix F

Inspector Training Certification

Safety Compliance Management
is proud to award this
Certificate of Completion
to

Fabian Ruvalcaba

for successfully completing 8 *hours of training & testing in*
OSHA 8hr Hazwoper Refresher Training #936
29 CFR 1910.120 (e)(p)

Presented this 17 *day of* December, 2018.



3160 Crow Canyon Place
San Ramon, CA 94583
1-800-974-1419

Laura G. Smith
Safety Compliance Management, Inc.



ENVIRONMENTAL TRAINING AND COMPLIANCE

CERTIFICATE OF COMPLETION

8 HOUR REFRESHER

HEALTH & SAFETY TRAINING

Scott Fan

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)]. Hazard Communication Standard: Globalized Harmonized System 8CCR 5194 & 29 CFR 1910.1200

Class Date: October 30, 2018

Expiration: October 30, 2019

Certificate # 38096

Joseph T. Thompson, MPH

Certificate of Completion

This certifies that

Jorge Robles

has successfully completed

8 Hour HAZWOPER Refresher Training

Refresher certification does NOT necessarily indicate initial 24 or 40 Hour HAZWOPER certification

In Accordance w/Federal OSHA Regulation 29 CFR 1910.120(e) & (p)

And all State OSHA/EPA Regulations as well including 29 CFR 1926.65 for Construction.

This course (Version 4) is approved for 8 Contact Hours (0.8 CEUs) of continuing education per the California Department of Public Health for Registered Environmental Health Specialist (REHS) (Accreditation # 044)

Julius P. Griggs

Julius P. Griggs
Instructor #892

1807275246989

Certificate Number

7/27/2018

Issue Date



UNLIMITED, Inc.

OSHA Compliant Safety Training Since 1993



Scan this code or visit www.safetyunlimited.com/v to verify certificate.

Proof of initial certification and subsequent refresher training is NOT required to take refresher training

2139 Tapo St., Suite 228 Simi Valley, CA 93063
(888) 309-SAFE (7233) or 805 306-8027
<https://www.safetyunlimited.com>