



PCB DELINEATION AND SOURCE BULK SAMPLING REPORT

Gymnasium Building
John Adams Middle School
2425 16th Street
Santa Monica, CA 90405

Prepared for:

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

Project No.: SMSD-18-7431
Date: January 30, 2018

Alta Environmental
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Long Beach CA 90807 United States of America
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EXECUTIVE SUMMARY

On behalf of the Santa Monica-Malibu Unified School District (District), Alta Environmental (Alta) has prepared this report summarizing the delineation and bulk sampling activities completed in preparation for the removal and replacement of four door frames located in the Gymnasium Building at John Adams Middle School located at 2425 16th Street, Santa Monica, California 90405. The delineation and bulk sampling activities were conducted to determine the potential presence of polychlorinated biphenyl compounds (PCBs) in order to characterize materials for off-site waste disposal. It is understood that the door frames are scheduled to be removed during Summer 2018.

The doorframes that are scheduled to be removed are located in rooms 102A (116), 104 (114), 108 (101), and boy's restrooms (129). These doors are identified in the DSA approved project drawings, Sheet A5.1, prepared by Jubany NAC Architecture, #161-17019, dated November 1, 2017.

Initially, Alta conducted delineation sampling of representative porous materials adjacent to the doorframes on January 15, 2018. The objective of this sampling was to determine if suspected polychlorinated biphenyls (PCBs) containing door caulking may have migrated to adjacent porous materials. All delineation samples collected at 1" interval away from the doorframes were reported as non-detected, at the laboratory Detection Limit (DL) of 1ppm.

Also, on January 15, 2018, Alta collected bulk samples of door caulking from various locations of the Site. One sample was obtained from each door frame (totaling four samples). Analysis of the door caulking samples was placed on hold pending results of the delineation samples. Based on the delineation sampling results, Alta, at the direction of the District, directed the laboratory to proceed with the door caulking analysis. All source samples were reported as non-detected, at the laboratory Detection Limit of 1ppm.

Based on the delineation and source sampling results and in consultation with the SMMUSD, the sampled building materials are categorized as Excluded PCB Product, which is not regulated by the US Environmental Protection Agency (US EPA) under the Toxic Substances Control Act (TSCA).

Other regulated building related hazardous materials (lead and asbestos) were determined to be present at the Site and it is Alta's understanding that the demolition contractor will adhere to other regulatory requirements for handling and disposal of identified asbestos-containing materials and lead-based paints.

CONTENTS

1	INTRODUCTION/BACKGROUND	1
2	PURPOSE OF INSPECTION AND SAMPLING	1
3	SCOPE OF SERVICES	2
4	METHODOLOGY	2
5	RESULTS	2
6	QUALITY CONTROL	3
7	CONCLUSIONS	3
8	RECOMMENDATIONS	3
9	ASSUMPTIONS AND LIMITATIONS	3
10	SIGNATORY	4

Appendices

Appendix A: Sample Inventories

Appendix B: Laboratory Reports

Appendix C: Sample Location Maps

Appendix D: Photographs

REPORTED: January 19, 2018

PROJECT NO.: SMSD-18-7431

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

ATTENTION: Mr. Chris Emmett

REF: PCB Delineation and Source Bulk Sampling Report
Gymnasium Building
John Adams Middle School
2425 16th Street
Santa Monica, California 90405

1 INTRODUCTION/BACKGROUND

The United States Environmental Protection Agency (USEPA) believes that there was potentially widespread use of polychlorinated biphenyl compounds (PCBs)-in building materials in schools and other buildings built or renovated between 1950 and 1979. Historically, PCBs were used as a primary source of plasticizing agents in caulking and glazing materials, as additives to paints and floor finishes, as a sealant for heating systems and plumbing, and as insulators in ballast and other electrical equipment. The manufacture and use of PCBs were banned in the United States in 1976, and PCB compounds were phased out between 1978 and 1979. According to District records, the Gymnasium building was constructed in 1948, and may have been subjected to renovation, indicating the potential for the door caulking to contain PCBs. Therefore, the door caulking was sampled prior to the planned building renovation activities.

Additionally, PCBs in manufactured materials such as door caulking may move directly into adjoining materials, particularly porous materials such as wood, concrete, and other types of masonry. In schools with manufactured PCB sources, many kinds of building material have been found to have measurable levels of PCBs and are potential secondary PCB sources. Delineation sampling was completed around the four doorframes to determine if PCBs may have migrated to adjacent porous surfaces.

2 PURPOSE OF INSPECTION AND SAMPLING

Building materials included in this report were evaluated for PCBs only. A survey for asbestos-containing materials (ACM) and lead-based paint (LBP) has been completed for this building, and the results and findings are included in a separate document.

The objective of this sampling was to obtain samples from a sufficient number of locations to:

- Serve as a representative indication of the variety of potentially PCB-impacted materials
- Draw conclusions of the potential presence of PCB-impacted materials
- Determine if a site-specific remediation work plan is required to address materials with ≥ 50 parts per million (ppm) PCBs prior to undertaking the demolition and disposal of building materials
- Categorize each type of building material for off-site disposal related solely to its PCB content. In general, PCB-impacted materials can be sorted and classified into the following categories
 - PCB Bulk Product Waste (≥ 50 ppm). According to Environmental Protection Agency (EPA) Memorandum, "PCB Bulk Product Waste Reinterpretation," dated October 24, 2012, building materials "coated or serviced" with PCB bulk product waste (e.g., caulk, paint, mastic, sealants) at the time of designation for disposal are to be managed as a PCB bulk product waste. The reinterpretation document allows for disposal of both PCB Bulk Product

Waste and PCB Remediation Waste together as a single waste stream (PCB Bulk Product Waste)

- Excluded PCB Product-all materials containing <50 ppm.

3 SCOPE OF SERVICES

The Santa Monica-Malibu Unified School District (District), retained Alta Environmental (Alta) for the delineation and subsequent source bulk sampling (Alta proposal dated, January 10, 2018).

The sampling was completed in accordance with the *USEPA Region I Standard Operation Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyl* (USEPA 2011).

Initially, Alta completed delineation sampling representative of porous materials installed around the four doorframes. The sampling was completed starting at one-inch (1"), three-inch (3") and six-inch (6") intervals away from the impacted door frames representative of a surface depth of 0-.5" of substrate material. Only the 1" sample was initially analyzed, with the intent of analyzing the 3", and 6" samples only if PCBs were detected.

Following the delineation sampling, Alta collected source bulk samples, one from each doorframe (total of four samples).

Alta's delineation and source bulk sampling was completed as follows:

1. A one-inch drill, screwdriver, razor blade, chisel, or similar tool was used to collect the samples.
2. A polyethylene drop-sheet was placed below the impacted area to capture any dust and debris which may have dislodged during the sample collection.
3. Samples were labeled, packaged, and documented on a chain of custody for shipping to the laboratory.
4. Samples were shipped to the laboratory in a chilled ice chest.
5. Sampled areas were patched using a non-PCBs sealant. The patch area is temporary, intended only to provide a barrier to the exposed sampled substrates.
6. Each sample location was documented using digital photographs.
7. Equipment and tools were decontaminated using a two-step decontamination process. First, all used tools were cleaned using scrub brushes and detergent with de-ionized water base solution. Second, each piece was rinsed using de-ionized water. After the two-step decontamination procedures, the equipment was placed on top of clean paper towels (or equivalent material) and set to dry individually. Each piece of equipment was inspected by Alta for evidence of residual dust and debris.
8. Waste was packaged on site inside one one-gallon bucket and labeled. After review of the sample results, it was determined that the waste was an Excluded PCB Product.

4 METHODOLOGY

The Actual Detection Limit (DL) used by the laboratory for this project was 1 ppm, which is currently being used as approved by the USEPA to defined PCB Bulk Product Waste.

All samples were analyzed in accordance with EPA Method 8082A with Soxhlet Extraction US EPA Method 3540C for Aroclors.

5 RESULTS

Based on a review of the analytical data, PCBs were non-detected at concentrations greater than 1ppm in any of the samples collected from the Site.

These materials are further defined in Appendix A of this report.

Refer to Appendix B for laboratory analysis reports and relevant sample analysis information.

6 QUALITY CONTROL

In addition to the primary samples, Alta collected one duplicate sample. The duplicate sample was collected side by side next to the primary sample.

A total of 1 split-duplicate sample was collected and analyzed by Environ-Chem. A sample location was selected next to a primary sample; the sample was collected, homogenized and split into two identical samples. The split samples were assigned a unique blind selected sample number.

All samples including duplicate and split duplicates were placed in an appropriate glass jar with a Teflon cap provided by the laboratory. Samples were labeled and packaged in a cooler and kept cool with ice during shipment.

Results of duplicate samples and split duplicate samples were reported as consistently within acceptable analytical limits.

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. Enviro-Chem reported, "all samples were received intact, and accompanying chain of custody."

7 CONCLUSIONS

Based on the sampling results, PCB concentrations in all door caulking samples collected were reported as less than 50 parts per million (ppm). Therefore, based on the results of the sampling, and in consultation with the SMMUSD, the door caulking is categorized as Excluded PCB Product, which is not regulated by US Environmental Protection Agency (US EPA) under the Toxic Substances Control Act (TSCA). Please note that although PCBs in building material at the Building are not regulated by US EPA, it is Alta's understanding that the demolition contractor will adhere to other regulatory requirements for handling, and disposal of identified asbestos-containing materials and lead-based paints.

8 RECOMMENDATIONS

Asbestos-containing materials and lead-based paints have previously been identified at the site and are described in a separate report. Removal of ACMs and LBP is subject to local, state and federal requirements. A survey record and abatement plan have been prepared for this site which is to be used for the removal and waste disposal of ACM and LBP.

9 ASSUMPTIONS AND LIMITATIONS

Alta's sampling was limited to door caulking installed on four door frames (102A [116], 104 [114], 108 [101], and boy's restrooms [129]) which are scheduled to be removed and replaced. The results are intended for use by the District and its contractors to characterize generated waste building materials for disposal, based in part on the reported PCB content during the demolition of the building.

This report was prepared exclusively for use by Santa Monica-Malibu Unified School District, and may not be relied upon by any other person or entity without Alta Environmental's 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 Environmental cannot be responsible for the impact of any changes in environmental standards, practices or regulations after the 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 Environmental 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 Environmental accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Alta Environmental will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Alta Environmental 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 Santa Monica-Malibu Unified School District.

10 SIGNATORY

Respectfully submitted by:

Alta Environmental



Cesar Ruvalcaba, CAC, CDPH
Sr. Project Manager

Respectfully submitted by:

Alta Environmental



David Schack, CAC, CDPH
Vice President, Building Sciences

Appendix A

Sample Inventory

Summary of Delineation Samples

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7431
PROJECT: Jams Gym
Date: 1/15/18

Building Name	Sample Number	Component ID	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)	Time
Gymnasium	115-01	Interior door casing (116)	Smooth wall plater	Girls wing outside of restroom 102A (116), 4ft up (1")	115-01	Non-detected	815
Gymnasium	115-04	Interior door casing (114)	Smooth wall plater	girls wing outside of 104 (114), 5ft up (1")	115-04	Non-detected	845
Gymnasium	115-04A	Interior door casing (114)	Smooth wall plater	Side by side duplicate sample of 115-04	115-04	Non-detected	845
Gymnasium	115-07	Interior door casing (101)	Smooth wall plater	Girls wing, outside of 108 (101), 5 ft up (1")	115-07	Non-detected	915
Gymnasium	115-10	Interior door casing (128)	Smooth wall plater	Boys wing, interior restroom (128), 5 ft. up (1")	115-10	Non-detected	1000
Gymnasium	115-13	Interior door casing (116)	Drywall	Boys restroom wing, exterior of restroom (129), 2 ft. up (1")	115-13	Non-detected	1115
Gymnasium	115-13A	Interior door casing (116)	Drywall	Split duplicate sample of 115-13	115-13A	Non-detected	1130

Summary of Source Bulk Samples

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7431
PROJECT: Jams Gym
Date: 1/15/18

Building Name	Sample Number	Component ID	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)	Time
Gymnasium	115-S01	Interior door (116)	Door caulking	Girls wing outside of restroom 102A (116), 4ft up (1")	115-S01	Non Detected	1300
Gymnasium	115-S02	Interior door (114)	Door caulking	girls wing outside of 104 (114), 5ft up (1")	115-S02	Non Detected	1315
Gymnasium	115-S03	Interior door (108)	Door caulking	Girls wing, outside of 108 (101), 5 ft up (1")	115-S03	Non Detected	1350
Gymnasium	115-S04	Interior door (128)	Door caulking	Boys wing, interior restroom (129), 5 ft. up (1")	115-S04	Non Detected	1355

Appendix B

Laboratory Reports

Enviro - Chem, Inc.

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

Date: January 18, 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: **JAMS**
Lab I.D.: **180115-42 through -62**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on January 15, 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

EPA 8082 QA/QC Report

Matrix: **Soil/Solid/Sludge**
 Unit: **mg/Kg(PPM)**

Date Analyzed: 1/16-17/2018

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

Spiked Sample Lab I.D.: **180116-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.094	94%	0.097	97%	3%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.103	103%	75-125

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	180115-42	180115-45	180115-48	180115-51	180115-54	180115-57	
Tetra-chloro-meta-xylene	50-150	128%	127%	126%	131%	115%	126%	127%	
Decachlorobipneyl	50-150	137%	141%	133%	136%	102%	106%	121%	

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	180115-58								
Tetra-chloro-meta-xylene	133%								
Decachlorobipneyl	103%								

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:

MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8082								Misc./PO#

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required								COMMENTS	
		DATE	TIME														
115-S01	180115-19	1/15/16	0640	Bulk			ice	X									Archive
115-S02	1-60		0600					X									
115-S03	1-61		0955					X									
115-S04	1-62		1100					X									

Company Name: ATA Environmental				Project Contact: Cesar Ruvalcaba				Sampler's Signature:			
Address: 3777 Long Beach Blvd				Tel: 562-495-5777				Project Name/ID: JAMS			
City/State/Zip: Long Beach CA 90807				Fax:							
Relinquished by:		Received by:		Date & Time: 1/15/16 1530		Instructions for Sample Storage After Analysis:					
Relinquished by:		Received by:		Date & Time:		<input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days)					
Relinquished by:		Received by:		Date & Time:		<input type="checkbox"/> Other:					

CHAIN OF CUSTODY RECORD

Date: _____

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: January 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: **JAMS**
Lab I.D.: **180115-42 through -62**

Dear Mr. Ruvalcaba:

The **additional PCB's results** for the solid samples, received by our laboratory on January 15, 2018, are attached. The samples were received chilled, intact, accompanying chain of custody and also stored per the EPA protocols.

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: Cesar.Ruvalcaba@altaenviron.com

PROJECT: **JAMS**

DATE SAMPLED: 01/15/18

MATRIX: SOLID

REPORT TO: MR. CESAR RUVALCABA

DATE RECEIVED: 01/15/18

DATE EXTRACTED: 01/18-19/18

DATE ANALYZED: 01/19/18

DATE REPORTED: 01/19/18

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
<u>115-S01</u>	<u>180115-59</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>1</u>
<u>115-S02</u>	<u>180115-60</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>1</u>
<u>115-S03</u>	<u>180115-61</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>1</u>
<u>115-S04</u>	<u>180115-62</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>1</u>
<u>Method Blank</u>		<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>1</u>

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: [Signature]
 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: 1/19/2018

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 180119-LCS 1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.084	84%	0.082	82%	2%	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	%REC
Sample I.D.		MB	180115-59	180115-60	180115-61	180115-62			
Tetra-chloro-meta-xylene	50-150	118%	113%	103%	119%	129%			
Decachlorobipneyl	50-150	83%	88%	110%	70%	118%			

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

Surrogate Recovery	%REC	%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: A

Final Reviewer: O

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:

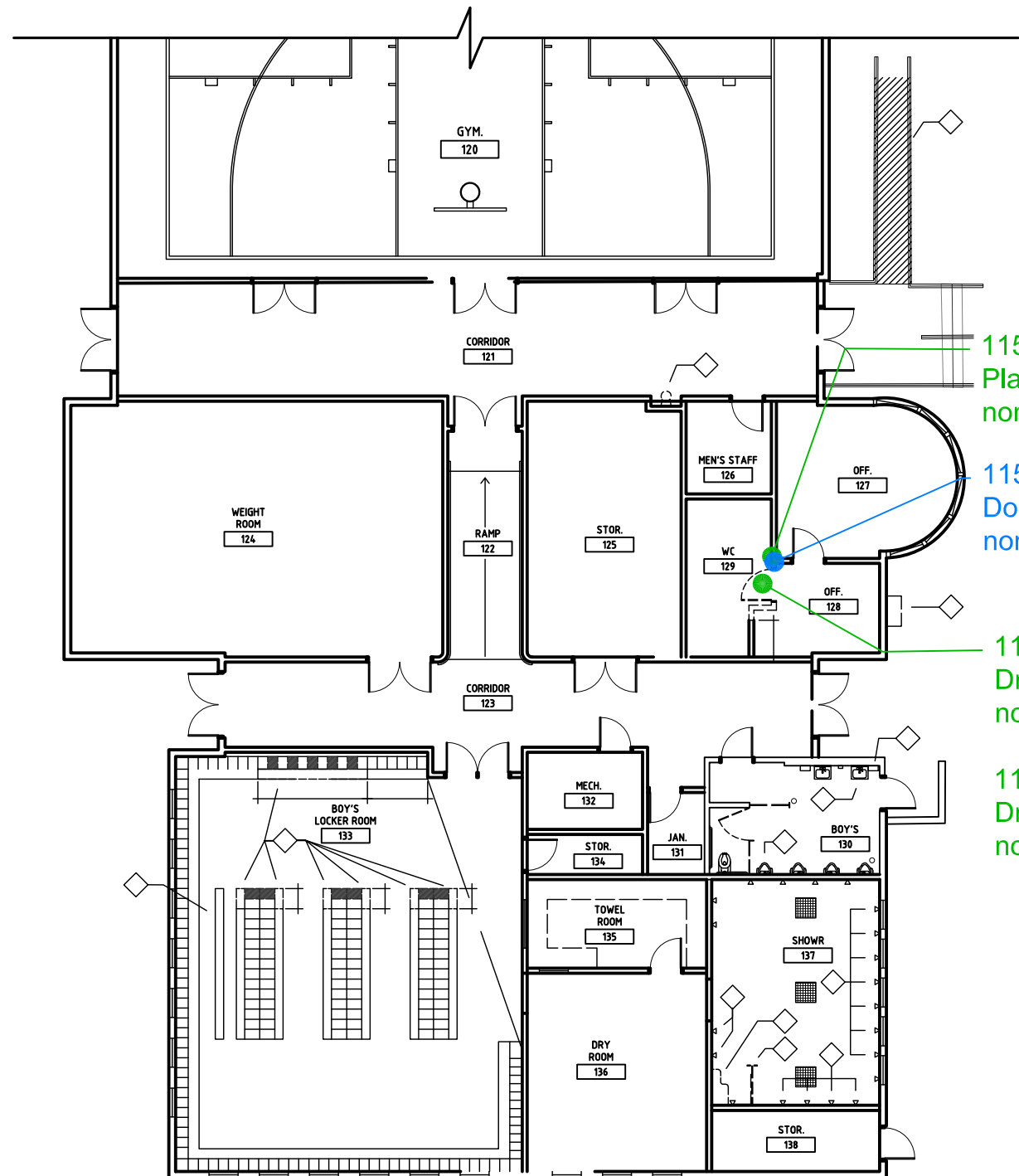
SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Misc./PO#	Analysis Required		COMMENTS
115-S01	180115-19	1/15/18	0840	Bulk			ice	CPM 0082	X		Archive
115-S02	1-60		0900						X		
115-S03	1-61		0955						X		
115-S04	1-62		1100						X		Remove from archive and analyze 24 hour rush. Thank you!
<p>Company Name: Atta Environmental Address: 3777 Long Beach Blvd City/State/Zip: Long Beach CA 90807 Project Contact: Cesar Rivas/Caban Tel: 562-495-5777 Fax: Project Name/ID: JAMS Sampler's Signature: <i>[Signature]</i> Date & Time: 1/18/18 15:30 Received by: <i>[Signature]</i> Relinquished by: SF/JR Relinquished by: <i>[Signature]</i> Relinquished by:</p>											

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE - YELLOW TO CLIENT

Appendix C

Sample Location Maps



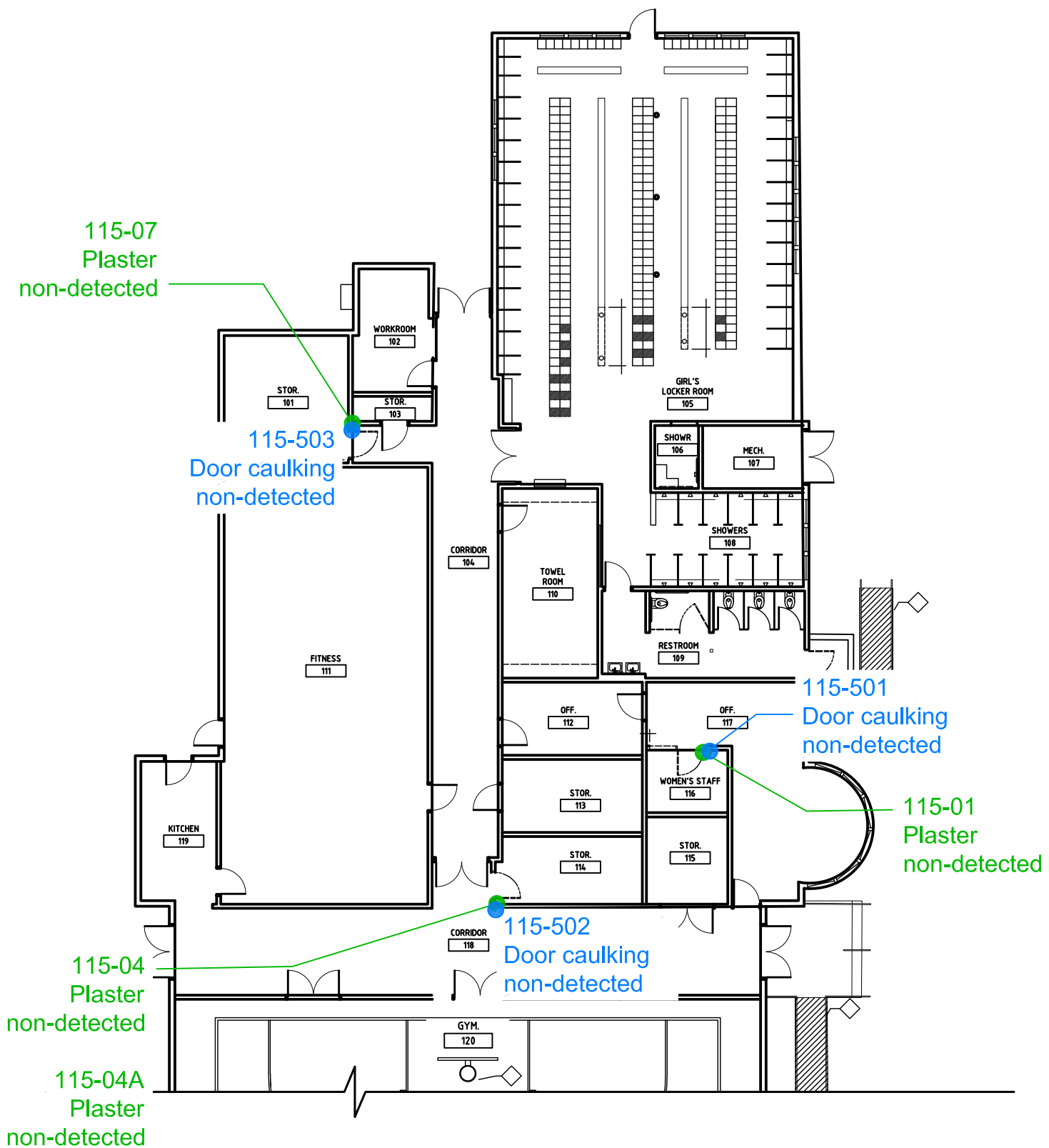
115-10
Plaster
non-detected

115-504
Door caulking
non-detected

115-13
Drywall
non-detected

115-13A
Drywall
non-detected

Boys' Wing



115-07
Plaster
non-detected

115-503
Door caulking
non-detected

115-501
Door caulking
non-detected

115-01
Plaster
non-detected

115-502
Door caulking
non-detected

115-04
Plaster
non-detected

115-04A
Plaster
non-detected

Girls' Wing

Sample Location Map - Gym

John Adams Middle School
2425 16th Street
Santa Monica, California

LEGEND

- Delineation Samples
- Source Bulk Samples



3777 Long Beach Blvd. Annex Bldg. Long Beach, California 90807
P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ www.altaenvron.com

DATE: January 2018 | Project No.: SMSD-18-7431

Appendix D

Photographs

DELINEATION SAMPLES

John Adams Middle School– Gym

115-01 thru 115-03



115-04 thru 115-06



John Adams Middle School– Gym

115-07 thru 115-09



115-10 thru 115-12



John Adams Middle School– Gym

115-12 thru 115-15



SOURCE BULK SAMPLES

John Adams Middle School– Gym

Sample 1115-S01



Sample 1115-S02



John Adams Middle School– Gym

Sample 1115-S03



Sample 1115-S04

