PCB DELINEATION SAMPLING

Doors and Windows Replacement Project
Buildings A, B, C, D, E, F, G and H
Webster Elementary School
3602 Winter Canyon Road
Malibu, California 90265

Prepared for:

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

Project No.: SMSD-16-6514
Date: Revised, February 14, 2017

Alta Environmental
3777 Long Beach Boulevard Annex Building
Long Beach CA 90807 United States of America
T (562) 495 5777 F (562) 495 5877
Toll-free (US only) 800 777-0605 altaenviron.com

EXECUTIVE SUMMARY

On November 21, 22, and 23 2016, and January 19, 25, and 26, 2017, Alta Environmental conducted PCB delineation sampling for the door and window replacement project in buildings A, B, C, E, F, G, and H at Webster Elementary School located at 3602 Winter Canyon Road, Malibu, California 90265 (Site).

The objective of this sampling was to determine if PCBs associated with PCB Bulk Product Waste may have migrated to adjacent porous surfaces beyond 1″ and 3″ away from the possibly impacted windows and doors casings (Components) slated to be remove and replaced.

The Reporting Limit (RL) used by the laboratory for this project was below the benchmark (1 ppm) currently being used as approved by the USEPA.

A total of 62 samples were analyzed representative of the surrounding porous surfaces. The sampling started at 1 inch (1″) and extended to intervals of 3 inches (3″) and 6 inches (6″) away from the Components from a surface depth of 0-.5″. As per the Districts request, initially, only 1″ samples were analyzed, with the intent of analyzing the associated 3″ and 6″ samples only if the 1″ samples reported levels of PCBs greater than 1ppm.

One sample collected at the 1″ interval was reported to contain 1.76 parts per million (ppm) PCBs (1.45 ppm Aroclor 1242 and 0.309 ppm Aroclor 1248). The 3″ sample collected from this location was subsequently analyzed and reported by the laboratory to contain 0.185 ppm PCBs (Aroclor 1248). In order to further characterized the migration of PCBs, Alta conducted more sampling (January 19, 25 and 26, 2017) representative of the groups of buildings similar to building F. All additional samples collected on January 19, 25, and 26, 2016 were reported as “Not Detected” above the RL.

During the delineation sampling, both caulking and glazing was observed around the window and door casings. The caulking and glazing was not sampled at the District request but was assumed to be PCB Bulk Product Waste. Additionally, the porous materials 0 to 3 inch (0-3″) installed around the possibly impacted doors and windows casings are assumed to be PCB Remediation Waste.

Removal of PCB Bulk Product Waste and PCB Remediation Waste should be conducted using proper engineering controls including but not limited to containment, worker training, worker protection etc. PCB waste should be characterized, packaged, labeled and disposed as required by TSCA 40 CFR 761 and California hazardous waste regulation set forth in Title 22, Division 4.5 of the California Code of Regulations unless testing is performed prior to demolition and analytical results confirms that PCBs are less than 50 ppm in the window and door caulking and window glazing.

Summary of Findings:

1. All window and door caulking and window glazing are assumed to be PCB Bulk Product Waste, all buildings,
2. All porous materials installed around the window and door casings, approximately 0-1″ are assumed to be PCB Remediation Waste, buildings A, G, and H. Porous materials installed beyond 1″ were reported as non-detected by the laboratory during the delineation sampling completed during this project-therefore, not interpreted to require removal and disposal as PCB waste at this time.
3. All porous materials installed around the window and door casings, approximately 0-3″ are assumed to be PCB Remediation Waste, buildings B, C, D, E, and F. Porous materials installed beyond 3″ were reported as non-detected by the laboratory during the delineation sampling completed during this project-therefore, not interpreted to require removal and disposal as PCB waste at this time.

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REPORTED: Revised, February 14, 2017 **PROJECT NO.:** SMSD-16-6514

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

ATTENTION: Mr. Chris Emmett

REF: PCBs Delineation Sampling
Buildings A, B, C, D, E, F, G, and H
Webster Elementary School
3602 Winter Canyon Road
Malibu, California 90265

1 INTRODUCTION

On November 21, 22, and 23, 2016, and January 19, 25, and 26, 2017, Alta Environmental conducted PCB delineation sampling for the door and window replacement project in buildings A, B, C, E, F, G, and H at Webster Elementary School located at 3602 Winter Canyon Road, Malibu, California 90265 (Site).

The sampling was completed by Fabian Ruvalcaba, and Therese Rizarri, both Cal/OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) trained technicians, and assistant field technician, Oscar Garcia.

2 SCOPE OF WORK

The Santa Monica-Malibu Unified School District (District) retained Alta Environmental (Alta) for the sampling (approved proposal dated, November 10, 2016, and January 19, 2017).

The PCBs delineation sampling was completed around doors and window casings slated for removal and replacement in buildings A, B, C, D, E, F, G, and H in areas identified in project drawings prepared by dsk architects, dated November 15, 2016.

Alta delineation sampling was completed as follows:

1. A one inch sized diameter drill bit was used in conjunction with a rotary impact hammer to collect samples from stucco, and wall plaster surfaces.
2. A polyethylene drop-sheet will be placed below the sampling area to capture any dust which may be dislodged during the sample collection.
3. Samples were placed inside an appropriate glass jar with a Teflon lined cap.
4. Samples were labelled, packaged, and documented on a Chain of Custody for shipping to the laboratory.
5. Samples were shipped to the laboratory in a chilled ice chest.
6. 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.
7. Each sample location was documented using digital photographs.
8. Equipment and tools were decontaminated using a two-step decontamination process. First, all used drill bits, and 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 were set to dry individually. Each piece of equipment was inspected by Alta for evidence of residual dust and debris.

The sampling was conducted in accordance with the approved proposal, a site-specific work plan prepared for this project (Alta Work Plan, dated November 15, 2016), which was reviewed and approved by the District and "USEPA Region I Standard Operation Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyl," approved for use by the District, May, 23, 2011. A predetermined number of doors and windows, and sample locations were selected as part of the approved work plan. The doors and windows and sample locations were based on similarity of each component and building construction date. At least ten percent (10%) of each similar component was randomly sampled in each building of similar construction. Below, in Table 1 is summary of the sampled components.

Table 1
Summary of Window Types and Associated Substrates

Component Type ID	Component Description	Visible Caulking Yes/No	Building	Location	Exterior Substrate	Interior Substrate
A	Full wall metal window	Yes	D	All sides	Stucco	Wood
B	New aluminium window	Yes	D	North side	Stucco	Drywall
C	4'X8″ half wall metal windows (restrooms, storages, work rooms etc.)	Yes	A, B, C, D, E, F	All sides	Stucco	Drywall, plaster wood, concrete
		Yes	G, and H	All sides		
D	Full wall (floor to roof) metal window	Yes	G, H	East sides	Stucco	Plaster
E	Full wall new aluminium window	Yes	G	South side	Stucco	Plaster
F	Full wall metal window on concrete saddle wall	Yes	E, F	East	Stucco and concrete	Plaster and concrete
G	Full wall, all metal window (floor to roof)	Yes	B, C	East	Stucco	Drywall, wood
H	Doors embedded in full wall metal windows (type F)	Yes	E, F	East	Concrete	Concrete, plaster
I	Full wall metal windows	Yes	A	East	Stucco	Wood

Component Type ID	Component Description	Visible Caulking Yes/No	Building	Location	Exterior Substrate	Interior Substrate
J	Full wall metal back windows (thru covered walkways)	Yes	E, F	Backside classrooms	Concrete and stucco	Plaster and concrete
K	Single exterior door	Yes	B, C, D, E, F	Restrooms, heater rooms, work rooms, back side classrooms	Stucco all sides	Interior drywall, concrete, wood, plaster

3 METHODOLOGY

A total of 62 samples were analyzed representative of the surrounding porous surfaces. The sampling started at 1 inch (1″) and extended to intervals of 3 inches (3″) and 6 inches (6″) away from the Components from a surface depth of 0-.5″. As per the Districts request, initially, only 1″ samples were analyzed, with the intent of analyzing the associated 3″ and 6″ samples only if the 1″ samples reported levels of PCBs greater than 1ppm.

The bulk samples were placed in an appropriate glass jar with a Teflon cap. Samples were labeled and packaged in a cooler and kept cool with ice during shipment.

Samples including QA/QC field duplicate samples were analyzed by Enviro-Chem, located at 1214 East Lexington Avenue, Pomona, California, a Cal ELAP accredited laboratory (#1555)

Split QA/QC samples were analyzed by and EMSL Laboratory (EMSL), located in Cinnaminson, NJ 08077, a Cal ELAP (#1877) and RDL/NELAC nationally accredited (#03036).

4 RESULTS

Table 2.0
Summary of Sample Results

Component (from Table 1 above)	Building	Reported Construction Date	Number of Components Tested	Total Potentially Impacted Components to be renovated	Total Samples Analyzed	Results
A	D	1948	1	5	2	Not Detected
B	D	1948	1	1	2	Not Detected
C	B, C, D, E, F	1948	5	9	13	Not Detected
C	G, H	1952	1	7	2	Not Detected
C	A	1961	1	4	2	Not Detected

Component (from Table 1 above)	Building	Reported Construction Date	Number of Components Tested	Total Potentially Impacted Components to be renovated	Total Samples Analyzed	Results
D	H	1952	1	4	2	Not Detected
E	G	1952	1	1	2	Not Detected
F	E, F	1948	2	9	7	Not Detected
G	B, C	1948	3	7	7	Not Detected
H	B, C, D, E, F	1948	1	7	2	Not Detected
I	A	1961	1	4	2	Not Detected
J	**B, C, D, E, F**	**1948**	**3**	**14**	**1**	**1.76 ppm (1.45 ppm Aroclor 1242 and 0.309 ppm Aroclor 1248, at 1″ interval)**
					8	Not Detected (1″ interval)
					1	0.185 ppm (Aroclor 1248 at 3″ interval)
					1	Not Detected (6″ interval)
K	B, C, D, E, F	1948	4	26	8	Not Detected

All samples were analyzed in accordance with EPA Method 3540C/8082A for PCBs.

The Reporting Limit (RL) used by the laboratory for this project was below the benchmark (1 ppm) currently being used as approved by the USEPA. One sample collected at the 1″ interval was reported to contain 1.76 parts per million (ppm) PCBs (1.45 ppm Aroclor 1242 and 0.309 ppm Aroclor 1248). The 3″ sample collected from this location was subsequently analyzed and reported by the laboratory to contain 0.185 ppm PCBs (Aroclor 1248), and the 6″ samples were reported as not detected at above the RL. All other samples were reported as not detected at the laboratory RL.

Refer to Appendix A in this report for a summary of samples collected and relevant sample information.

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

5 QUALITY CONTROL

Nine field duplicate samples were collected side by side from the 1″ interval. Field duplicate samples were reported with consistent results.

Three split duplicate samples were collected from two separate locations representative of the 1″ interval. The samples were homogenized, and split in to two identical samples. The split samples were then submitted and analyzed by both Enviro-Chem, and EMSL laboratories. Both laboratories reported consistent results as not-detected at above the RL.

EMSL reported "The samples were received in good condition. The QC data associated with the samples results meets the recovery and precision requirement established by NELAP." Similarly, Enviro-Chem reported, "all samples were received intact, and accompanying chain of custody."

Enviro-Chem reported results with heavy matrix interference (sample number, 161121-22 (I-1-11P), 170120-56 (25-119), and 170120-59 (28-119). The matrix interference is likely related to paint or other surface coatings/materials, such as primers, paints which impacted the sample analysis. The laboratory reported results as non-detected for PCBs, however, at a higher reporting limit than the action level of 1 ppm. Additional sampling may be necessary to substantiate these results.

Based on review of the QC data associated with the sample analysis, the recovery and precision is within the acceptable limits of the laboratory.

6 CONCLUSIONS

The PCB delineation sampling was completed around doors and window casings scheduled for removal and replacement in buildings A, B, C, D, E, F, G, and H in areas identified in project drawings prepared by dsk architects, dated November 15, 2016.

The objective of this sampling was to determine if PCBs may have migrated to adjacent porous surfaces beyond 1″, and 3″ away from the possibly impacted windows and doors casings (Components) slated to be remove and replaced.

During the delineation sampling, both caulking and glazing was observed around the window and door casings. The caulking and glazing was not sampled at the District request but was assumed to be PCB Bulk Product Waste. Additionally, the porous materials 0 to 3 inch (0-3″) installed around the possibly impacted doors and windows casings are assumed to be PCB Remediation Waste.

Summary of Findings:

1. All window and door caulking and window glazing are assumed to be PCB Bulk Product Waste, all buildings.
2. All porous materials installed around the window and door casings, approximately 0-1″ are assumed to be PCB Remediation Waste, buildings A, G, and H. Porous materials installed beyond 1″ were reported as non-detected by the laboratory during the delineation sampling completed during this project-therefore, not interpreted to require removal and disposal as PCB waste at this time.
3. All porous materials installed around the window and door casings, approximately 0-3″ are assumed to be PCB Remediation Waste, buildings B, C, D, E, and F. Porous materials installed beyond 3″ were reported as non-detected by the laboratory during the delineation sampling completed during this project-therefore, not interpreted to require removal and disposal as PCB waste at this time.

7 RECOMMENDATIONS

Removal of PCB Bulk Product Waste and PCB Remediation Waste should be conducted using proper engineering controls including but not limited to containment, worker training, worker protection etc. PCB waste should be characterized, packaged, labeled and disposed as required by TSCA 40 CFR 761 and

California hazardous waste regulation set forth in Title 22, Division 4.5 of the California Code of Regulations unless testing is performed prior to demolition and analytical results confirms that PCBs are less than 50 ppm in the window and door caulking and window glazing.

A site-specific removal work plan should be prepared, reviewed and approved by the District prior to the start of any removal action.

8 ASSUMPTIONS AND LIMITATIONS

It is understood that the data contained in this report is to be used for planning and budgeting purposes related to a scheduled door and window replacement project. Additional sampling may be required to further characterized the site, waste disposal characterization, and area clearance following the removal of the impacted doors.

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 performance of services.

In performing our professional services, we have applied present 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.

9 SIGNATORY

Respectfully submitted by:

Alta Environmental

Cesar Ruvalcaba
Project Manager

Reviewed by:

Alta Environmental

David Schack
Vice President, Building Sciences

Appendix A
Sample Inventories

Summary of PCBs Deliniation Sampling

CLIENT: Webster Elementary School
PROJECT NO: SMSD-16-6414
PROJECT: Windows and Doors Removal Project at Webser ES-Initial Step-out Sampling
Date: November 21 to 23, 2016

Building Name	Component ID	Sample Number	Substrate	Sample Location	Photograph	Total PCBs
A	I	I-1-20	Wood	Northwest- room 20 interior (1")	1	Not Detected
A	I	X-1-20	Stucco	Northwest- room 20 exterior (1")	2	Not Detected
A	C	I-1-20B	Wood	Southwest- room 20 interior (1")	3	Not Detected
A	C	X-1-20B	Stucco	Southwest- room 20 exterior (1")	4	Not Detected
B	G	I-1-11P	Drywall	Northwest corner- room 11 interior (1")	5	Not Detected
B	G	X-1-11S	Stucco	Northwest corner- room 11 exterior (1")	6	Not Detected
B	C	I-1-211D	Drywall	South center- room 11 restroom interior (1")	7	Not Detected
B	C	X-1-211S	Stucco	South center- room 11 exterior (1")	8	Not Detected
D	A	I-1-NW	Wood	West center- nurse's office interior (1")	9	Not Detected
D	B	I-1-RD	Drywall	West center- nurse's office exterior (1")	11	Not Detected
D	A	X-1-RS	Stucco	West center exterior (1")	12	Not Detected
D	B	X-1-NS	Stucco	West center Exterior (1")	10	Not Detected
E	F	X-1-7S	Stucco	Northeast corner- room 7 exterior (1")	14	Not Detected
E	F	X-1-7C	Concrete	Northeast corner- room 7 exterior (1")	14	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: Webster Elementary School
PROJECT NO: SMSD-16-6414
PROJECT: Windows and Doors Removal Project at Webser ES-Initial Step-out Sampling
Date: November 21 to 23, 2016

Building Name	Component ID	Sample Number	Substrate	Sample Location	Photograph	Total PCBs
E	F	I-1-7C	Concrete	Northeast corner- room 7 interior (1")	13	Not Detected
E	F	I-1-7P	Plaster	Northeast corner- room 7 interior (1")	13	Not Detected
F	**J**	**X-1-S10**	**Stucco**	**Southeast- room 10 exterior (1")**	**16**	**1.76 (1.45 Aroclor 1242 and 0.309 Aroclor 1248)**
F	J	X-3-S10	Stucco	Southeast- room 10 exterior (3")	16	0.185 (aroclor 1248)
F	J	X-1-C10	Concrete	Southeast- room 10 exterior (1")	16	Not Detected
F	J	I-1-10A	Concrete	Southeast- room 10 interior (1")	15	Not Detected
F	H	X-1-10B	Concrete	North center- room 10 exterior (1")	18	Not Detected
F	H	I-1-10B	Concrete	North center- room 10 interior (1")	17	Not Detected
G	E	I-1-CAF	Plaster	Northeast- cafeteria interior (1")	19	Not Detected
G	E	X-1-CAF	Stucco	Northeast- cafeteria exterior (1")	20	Not Detected
G	C	I-1-G2	Plaster	North center- kiln room interior (1")	21	Not Detected
G	C	X-1-G2	Stucco	North center- kiln room exterior (1")	22	Not Detected
H	D	I-1-H1	Plaster	Northwest- room H1 interior (1")	23	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: Webster Elementary School
PROJECT NO: SMSD-16-6414
PROJECT: Windows and Doors Removal Project at Webser ES-Initial Step-out Sampling
Date: November 21 to 23, 2016

Building Name	Component ID	Sample Number	Substrate	Sample Location	Photograph	Total PCBs
H	D	X-1-H1	Stucco	Northwest- room H1 exterior (1")	24	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: Webster Elementary School
PROJECT NO: SMSD-16-6414.1
PROJECT: Windows and Doors Removal Project at Webser ES-Initial Step-out Sampling
Date: November 21 to 23, 2016

QA/QC Samples

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
Duplicate QA/QC Samples						
A	I-1-20B-DUP	C	Wood	Southwest- room 20 interior (1")	3	Not Detected
B	I-1-211D-DUP	C	Drywall	South center- room 11 restroom interior (1")	7	Not Detected
D	X-1-NS-DUP	B	Stucco	West center exterior (1")	10	Not Detected
F	**X-1-S10-DUP**	**J**	**Stucco**	**Southeast- room 10 exterior (Duplicate sample of X-1-S10) (1")**	**16**	**1.74 (1.37 Aroclor 1242 and 0.371 Aroclor**
Split Duplicate QA/QC Samples						
A	X-1-20B-SPLIT	I	Stucco	Southwest- room 20 exterior, analyzed by Enviro-Chem laboratory (1")	4	Not Detected
A	X-1-20B-SPLIT	I	Stucco	Southwest- room 20 exterior, analyzed by EMSL laboratory (1")	4	Not Detected
A	I-1-20-SPLIT	C	Wood	Northwest- room 20 interior, analyzed by Enviro-Chem laboratory (1")	1	Not Detected
A	I-1-20-SPLIT	C	Wood	Northwest- room 20 interior, analyzed by EMSL laboratory (1")	1	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 25, 2016

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
B	1-0125	K	Drywall	1"- Interior heater closet, southwest corner	No Photo Available	Not Detected
B	2-0125	K	Stucco	1"- Exterior heater closet, southwest corner, approx. 4' up	2	Not Detected
B	5-0125	C	Stucco	1"- Exterior room 12 closet, southwest corner, approx. 4' up	No Photo Available	Not Detected
B	8-0125	C	Drywall	1"-Interior room 12 closet, southwest corner, approx. 4' up	No Photo Available	Not Detected
B	11-0125	G	Drywall	1"- Interior room 12, northwest corner, approx. 4' up	5	Not Detected
B	14-0125	G	Stucco	1"- Exterior room 12, northwest corner, approx. 4' up	6	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 25, 2016

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
C	17-0125	J	Wood	1"- Interior room 16, southwest corner window, approx. 6' up, insufficient material	No Photo Available	Not Detected
C	18-0125	J	Stucco	1"- Exterior room 16, southwest corner window, approx. 6' up	8	Not Detected
C	21-0125	G	Wood	1"- Interior room 16, northwest corner window, approx. 6' up, insufficient material	No Photo Available	Not Detected
C	24-0125	G	Stucco	1"- Exterior room 16, northwest corner window, approx 6' up	No Photo Available	Not Detected
C	27-0125	C	Plaster	1"- Interior women's restroom, southwest center, approx. 4' up	14	Not Detected
C	30-0125	C	Stucco	1"- Exterior women's restroom, southwest center, approx. 4' up	16	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 19 and 25, 2016

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
D	25-0119	A	Wood	1"- Interior principal office, south window	No Photo Available	Not Detected
D	27-0119	K	Plaster	1"- Interior teachers work room, north wall, northwest corner door, insufficient material	No Photo Available	Not Detected
D	28-0119	K	Wood	1"-Interior teachers work room, north wall, northwest corner door, insufficient material	No Photo Available	Not Detected
D	29-0119	K	Stucco	1"- Exterior teachers work room, north wall, northwest corner door	No Photo Available	Not Detected
D	33-0125	A	Wood	1"- Exterior principal office, south center window	No Photo Available	Not Detected

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 19, 2016

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
E	1-0119	K	Concrete	1"-Interior room 7, south end, southwest door	18	Not Detected
E	4-0119	K	Concrete	1"- Exterior room 7, south end southwest door	19	Not Detected
E	7-0119	J	Concrete	1"- Interior library, south end, west corner window	20	Not Detected
E	10-0119	J	Plaster	1"-Interior library, south end, west corner window	21	Not Detected
E	13-0119	J	Plaster	1"- Exterior library, south end, west corner window	No Photo Available	Not Detected
E	16-0119	J	Stucco	1"- Exterior library, south end, west corner	No Photo Available	Not Detected
E	18-0119	H	Plaster	1"- Interior work area room, north end, north center door	24	Not Detected
E	22-0119	H	Stucco	1"- Exterior work area room, north end, north center door	No Photo Available	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 26, 2016

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
F	1-0126	J	Stucco	6"- Exterior room 10, southeast corner, approx. 4' up	No Photo Available	Not Detected
F	2-0126	F	Concrete	1"- Interior room 10 window, approx 8' west of northeast corner note: no plaster sample taken, window incased in metal	No Photo Available	Not Detected
F	5-0126	F	Concrete	1"- Exterior room 10 window, approx. 8' west of northeast corner	No Photo Available	Not Detected
F	8-0126	F	Stucco	1"- Exterior room 10 window, approx. 8' west of northeast corner	No Photo Available	Not Detected
F	11-0126	C	Plaster	1"- Interior boy's restroom, southwest corner	No Photo Available	Not Detected
F	14-0126	C	Concrete	1"- Interior boy's restroom, approx. 4' east	No Photo Available	Not Detected
F	17-0126	C	Concrete	1"- Exterior boy's restroom, approx. 4' east	No Photo Available	Not Detected
F	20-0126	C	Stucco	1"- Exterior boy's restroom, approx. 4' east	No Photo Available	Not Detected
F	24-0126	K	Stucco	1"-Exterior janitors closet, west center door, approx. 4' up	No Photo Available	Not Detected
F	27-0126	K	Plaster	1"- Interior janitor's closet, west center door, approx. 4' up	No Photo Available	Not Detected
F	31-0126	C	Concrete	1"- Exterior girl's restroom window, approx 3' up	No Photo Available	Not Detected
F	34-0126	C	Stucco	1"- Exterior girl's restroom window, approx 3' up, insufficient material, gutter in the way	No Photo Available	Not Detected
F	35-0126	C	Concrete	1"- Interior girl's restroom window, southwest corner, approx. 4' east	No Photo Available	Not Detected
F	38-0126	C	Plaster	1"- Interior girl's restroom window, southwest corner, west wall	No Photo Available	Not Detected

Summary of PCBs Deliniation Sampling

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6514.1
PROJECT: Windows and Doors Removal Project at Webser ES-Additional Step-out Sampling
Date: January 19, 25, and 26 2017

QA/QC Samples

Building Name	Sample Number	Type of Window or Door	Sample Description	Sample Location	Photograph Number	Total PCBs (mg/kg)
Duplicate QA/QC Samples						
E	19-0119	H	Plaster	Duplicate of sample 18-0119 (1")	Photo Not Available	Not Detected
C	22-0125	G	Wood	Duplicate of sample 21-0125 (1")	Photo Not Available	Not Detected
D	34-0125	A	Wood	Duplicate of sample 34-0125 (1")	Photo Not Available	Not Detected
F	21-0126	C	Stucco	Duplicate of sample 20-2126 (1")	Photo Not Available	Not Detected
F	39-0126	J	Plaster	Duplicate of sample 38-0126 (1")	Photo Not Available	Not Detected
Split Duplicate QA/QC Samples						
F	28a-0126	H	Plaster	Split duplicate of 28b-0126 (Enviro-Chem Lab) (1")	Photo Not Available	Not Detected
F	28b-0126	H	Plaster	Split duplicate of 28a-0126 (EMSL Lab) (1")	Photo Not Available	Not Detected

Appendix B

Laboratory Reports

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

Date: December 5, 2016

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: **SMSD-16-6514**
Lab I.D.: **161121-10 through -43**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on November 21, 2016, 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: **SMSD-16-6514**

DATE SAMPLED: 11/18/16
MATRIX: SOLID
REPORT TO: MR. CESAR RUVALCABA

DATE RECEIVED: 11/21/16
DATE EXTRACTED: 11/29/16
DATE ANALYZED: 11/30/16
DATE REPORTED: 12/05/16

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
X-1-7S	161121-10	ND	ND	ND	ND	ND	ND	ND	ND	4^
X-1-7C	161121-12	ND	ND	ND	ND	ND	ND	ND	ND	8^
I-1-7C	161121-15	ND	ND	ND	ND	ND	ND	ND	ND	8^
I-1-7P	161121-18	ND	ND	ND	ND	ND	ND	ND	ND	4^
I-1-11P	161121-22	ND	ND	ND	ND	ND	ND	ND	ND	160^
X-1-11S	161121-24	ND	ND	ND	ND	ND	ND	ND	ND	4^
I-1-211D	161121-27	ND	ND	ND	ND	ND	ND	ND	ND	80^
X-1-211S	161121-28	ND	ND	ND	ND	ND	ND	ND	ND	2^
I-1-NW	161121-31	ND	ND	ND	ND	ND	ND	ND	ND	20^
I-1-211D-DUP	161121-33	ND	ND	ND	ND	ND	ND	ND	ND	20^
I-1-RD	161121-34	ND	ND	ND	ND	ND	ND	ND	ND	10^
X-1-RS	161121-37	ND	ND	ND	ND	ND	ND	ND	ND	10^
X-1-NS	161121-40	ND	ND	ND	ND	ND	ND	ND	ND	10^
X-1-NS-DUP	161121-43	ND	ND	ND	ND	ND	ND	ND	ND	10^
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected Or Below the Actual Detection Limit
^ = Actual Detection Limit Raised Due To limited Sample Quantity
* = 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: 11/29-30/2016

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 161130-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.113	**113%**	0.109	**109%**	**4%**	**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
Sample I.D.		MB	161121-10	161121-12	161121-15	161121-18	161121-22	161121-24
Tetra-chloro-meta-xylene	50-150	110%	121%	124%	128%	134%	130%	144%
Decachlorobipneyl	50-150	96%	85%	80%	82%	77%	71%	128%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	161121-27	161121-28	161121-31	161121-33	161121-34	161121-37	161121-40	161121-43
Tetra-chloro-meta-xylene	140%	121%	135%	130%	126%	131%	131%	127%
Decachlorobipneyl	85%	75%	77%	100%	94%	78%	79%	77%

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

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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	EPA 8082 (PCB)	Analysis Required	COMMENTS
X-1-7S	161121-10	11/18/16	1700		1	X658	ice	X		
X-3-7S	-11		1706		1			X		archive
X-1-7C	-12		1712		1			X		
X-3-7C	-13		1720		1			X		archive
X-6-7C	-14		1723		1			X		archive
I-1-7C	-15		1734		1			X		
I-3-7C	-16		1746		1			X		archive
I-6-7C	-17		1783		1			X		archive
I-1-7Δ	-18		1800		1			X		
I-3-7Δ	-19		1803		1			X		archive
I-6-7Δ	-20		1806		1			X		archive
I-3-11Δ	-21		1841		1			X		archive
I-1-11Δ	-22		1847		1			X		
I-6-11Δ	-23		1853		1			X		archive
X-1-11S	-24		1857		1			X		

Misc./PO#

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex Bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax/Email: cesar.ruvalcaba@altaenviron.com

Sampler's Signature: C. Ruvalcaba/T. Rizami
Project Name/ID: SMSD-16-6514

Relinquished by:	Received by: Theoge Rizami	Date & Time: 11/18/16 2100	Instructions for Sample Storage After Analysis:
Relinquished by: Theoge Rizami	Received by: (Curtis Desiato)	Date & Time: 11/18/16 2100	O Dispose of O Return to Client O Store (30 Days)
Relinquished by: (Curtis Desiato)	Received by:	Date & Time: 11/21/16 1310	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/21/16

WHITE WITH SAMPLE • YELLOW TO CLIENT

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
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8082 (PCB)	Misc./PO#	COMMENTS
					Analysis Required					
X-3-11S	16112/-25	11/18/16	1900		1		ICE	X		archive
X-6-11S	-26		1903		1			X		archive
I-1-21ID	-27		1926		1			X		
X-1-21S	-28		1935		1			X		
X-3-21S	-29		1940		1			X		archive
X-6-21S	-30		1942		1			X		archive
I-1-NW	-31		2007		1			X		
I-3-NW	-32		2009		1			X		archive
I-1-21ID-DUP	-33		1926		1			X		
I-1-RD	-34		2014		1			X		
I-3-RD	-35		2017		1			X		archive
I-6-RD	-36		2019		1			X		archive
X-1-RS	-37		2023		1			X		
X-3-RS	-38		2026		1			X		archive
X-6-RS	-39		2029		1			X		archive

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex Bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax/Email:

Sampler's Signature: F. Ruvalcaba / T. Rizami
Project Name/ID: SMSD-16-GS14

Relinquished by:
Relinquished by: Therese Rizami
Relinquished by: (CURTIS DESILETS)

Received by: Therese Rizami
Received by: (CURTIS DESILETS)
Received by:

Date & Time: 11/18/16 2100
Date & Time: 11/19/16 1070
Date & Time: 11/21/16 1315

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 11/21/16

WHITE WITH SAMPLE • YELLOW TO CLIENT

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
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8082 (PCB)	Misc./PO#	COMMENTS
X-1-Ns	16112-40	11/10/16	2034		1		ice	X		
X-3-Ns	-41		2037		1			X		archive
X-6-Ns	-42		2040		1			X		archive
X-1-Ns-DUP	-43		2034		1			X		

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex Bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-3777
Fax/Email:

Sampler's Signature: F. Ruvalcaba / T. Rizami
Project Name/ID: SMSD-16-6514

Relinquished by:	Received by: Therese Rizami	Date & Time: 11/16/16 2100	Instructions for Sample Storage After Analysis:
Relinquished by: Therese Rizami	Received by: (Courier Desert)	Date & Time: 11/17/16 1030	O Dispose of O Return to Client O Store (30 Days)
Relinquished by: (Courier Desert)	Received by:	Date & Time: 11/17/16 1130	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/17/16

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: December 1, 2016

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: **Webster E.S.**
Lab I.D.: **161122-83 through -134**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on November 22, 2016, 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: **Webster E.S.**

DATE RECEIVED:11/22/16
DATE SAMPLED:11/21/16 DATE EXTRACTED:11/30/16
MATRIX:SOLID DATE ANALYZED:11/30&12/01/16
REPORT TO:MR. CESAR RUVALCABA DATE REPORTED:12/01/16

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
I-1-Caf	161122-83	ND	ND	ND	ND	ND	ND	ND	ND	2^
X-1-Caf	161122-86	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-G2	161122-89	ND	ND	ND	ND	ND	ND	ND	ND	4^
X-1-G2	161122-92	ND	ND	ND	ND	ND	ND	ND	ND	40^
I-1-H1	161122-95	ND	ND	ND	ND	ND	ND	ND	ND	10^
X-1-H1	161122-98	ND	ND	ND	ND	ND	ND	ND	ND	2^
X-1-S10	161122-101	ND	ND	ND	1.45	0.309	ND	ND	1.76	10
X-1-S10 Dup	161122-102	ND	ND	ND	1.37	0.371	ND	ND	1.74	10
X-1-C10	161122-104	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-10A	161122-107	ND	ND	ND	ND	ND	ND	ND	ND	10^
X-1-10B	161122-110	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-10B	161122-113	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-20	161122-116	ND	ND	ND	ND	ND	ND	ND	ND	4^
X-1-20	161122-119	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-20B	161122-122	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-20 Dup	161122-123	ND	ND	ND	ND	ND	ND	ND	ND	20^
X-1-20B	161122-126	ND	ND	ND	ND	ND	ND	ND	ND	10^
I-1-20B Split	161122-129	ND	ND	ND	ND	ND	ND	ND	ND	2^
I-1-20 Split	161122-131	ND	ND	ND	ND	ND	ND	ND	ND	10^
Rinse Set	161122-133	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected Or Below the Actual Detection Limit
^ = Actual detection limit raised due to limited sample quantity
* = 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

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: **Webster E.S.**

DATE SAMPLED:11/21/16 DATE RECEIVED:11/22/16
MATRIX:SOLID DATE EXTRACTED:11/30/16
REPORT TO:MR. CESAR RUVALCABA DATE ANALYZED:12/01/16
DATE REPORTED:12/01/16

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
Seal Blank	161122-134	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

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: 11/30-12/1/2016

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 161130-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.104	**104%**	0.115	**115%**	**10%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.112	**112%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	161122-83	161122-86	161122-89	161122-92	161122-95	161122-98
Tetra-chloro-meta-xylene	50-150	145%	129%	116%	115%	138%	125%	121%
Decachlorobipneyl	50-150	119%	89%	78%	97%	80%	90%	84%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	161122-101	161122-102	161122-104	161122-107	161122-110	161122-113	161122-116	161122-119
Tetra-chloro-meta-xylene	133%	145%	125%	133%	132%	142%	131%	123%
Decachlorobipneyl	74%	94%	86%	110%	89%	87%	67%	80%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	161122-122	161122-123	161122-126	161122-129	161122-131	161122-133
Tetra-chloro-meta-xylene	122%	116%	144%	134%	102%	142%
Decachlorobipneyl	80%	57%	78%	76%	81%	90%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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: 12/1/2016

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 161201-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.104	**104%**	0.111	**111%**	**7%**	**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
Sample I.D.		MB	161122-134					
Tetra-chloro-meta-xylene	50-150	120%	124%					
Decachlorobipneyl	50-150	115%	91%					

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

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

Analyzed and Reviewed By:

Final Reviewer: _____

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

Date: December 5, 2016

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: **Webster E.S.**
Lab I.D.: **161122-83 through -134**

Dear Mr. Ruvalcaba:

The **additional PCB results** for the solid samples, received by our laboratory on November 22, 2016, 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

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: **Webster E.S.**

DATE SAMPLED:11/21/16 DATE RECEIVED:11/22/16
MATRIX:SOLID DATE EXTRACTED:12/05/16
REPORT TO:MR. CESAR RUVALCABA DATE ANALYZED:12/05/16
DATE REPORTED:12/05/16

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
X-3-S10	161122-103	ND	ND	ND	ND	0.185	ND	ND	0.185	4
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

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: 12/5/2016

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 161205-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.101	**101%**	0.100	**100%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.107	**107%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	161122-103					
Tetra-chloro-meta-xylene	50-150	121%	124%					
Decachlorobipneyl	50-150	77%	77%					

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

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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
X 1 Week (Standard)
Other:

Misc./PO# SMSP-16-6514

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required	COMMENTS
I-1-Caf	161117-83	11-21-16	1610	SO	1	4°C	Ice	X	
I-3-Caf	-84	11-21-16	1615		1				Archive
I-6-Caf	-85	11-21-16	1622		1				Archive
X-1-Caf	-86	11-21-16	1630		1			X	
X-3-Caf	-87	11-21-16	1633		1				Archive
X-6-Caf	-88	11-21-16	1636		1				Archive
I-1-G2	-89	11-21-16	1700		1			X	
I-3-G2	-90	11-21-16	1701		1				Archive
I-6-G2	-91	11-21-16	1702		1				Archive
X-1-G2	-92	11-21-16	1709		1			X	
X-3-G2	-93	11-21-16	1713		1				Archive
X-6-G2	-94	11-21-16	1715		1				Archive
I-1-H1	-95	11-21-16	1800		1			X	
I-3-H1	-96	11-21-16	1803		1				Archive
I-6-H1	-97	11-21-16	1806		1				Archive

Company Name: Alta Environmental
Address:
City/State/Zip:

Project Contact: Cesar Rivalcoba
Tel:
Fax/Email: Cesar.Rivalcoba@alta-environ.com

Sampler's Signature:
Project Name/ID: Webster E.S.

Relinquished by:	Received by:	11/22/16 Date & Time: 0945	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	11/22/16 Date & Time: 1500	O Dispose of O Return to Client X Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11-21-16

WHITE WITH SAMPLE • YELLOW TO CLIENT

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
X 1 Week (Standard)
Other:

Misc./PO# SMSD-16-6514

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8082 PCB	Analysis Required	COMMENTS
X-1-H1	(6112)-98	11.21.16	1811		1		Ice	X		
X-3-H1	-99	11.21.16	1815		1					Archive
X-6-H1	-100	11.21.16	1817		1					Archive
X-1-S10	-101	11.21.16	1848		1			X		
X-1-S10D-P	-102	11.21.16	1850		1			X		
X-3-S10	-103	11.21.16	1851		1			X	UNTested ON 12/1/16	~~Archive~~
X-1-C10	-104	11.21.16	1856		1			X		
X-3-C10	-105	11.21.16	1900		1					Archive
X-6-C10	-106	11.21.16	1903		1					Archive
I-1-10A	-107	11.21.16	1911		1			X		
I-3-10A	-108	11.21.16	1913		1					Archive
I-6-10A	-109	11.21.16	1921		1					Archive
X-4-10B	-110	11-21-16	1935		1			X		
X-3-10B	-111	11-21-16	1938		1					Archive
X-6-10B	-112	11-21-16	1945		1					Archive

Company Name: Alta Environmental
Address:
City/State/Zip:

Project Contact: Cesar Rivalcaba
Tel:
Fax/Email: cesar.rivalcaba@altaenviron.com

Sampler's Signature:
Project Name/ID: Webster E.S.

Relinquished by:	Received by:	Date & Time: 11/22/16 / 841
Relinquished by:	Received by:	Date & Time: 11/22/16 / 1500
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client X Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 11-21-16

WHITE WITH SAMPLE • YELLOW TO CLIENT

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
X 1 Week (Standard)
Other:

Misc./PO# SMSD-16-6514

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8032 PCBs	COMMENTS
I-1-10B	16111-13	11-21-16	1948		1		ICE	X	
I-3-10B	-14	11-21-16	1950		1				Archive
I-6-10B	-15	11-21-16	1952		1				Archive
I-1-20	-16	11-21-16	2038		1			X	
I-3-20	-17	11-21-16	2040		1				Archive
I-6-20	-18	11-21-16	2042		1				Archive
X-1-20	-19	11.21.16	2044		1			X	
X-3-20	-20	11.21.16	2046		1				Archive
X-6-20	-21	11.21.16	2048		1				Archive
I-1-20B	-22	11.21.16	2052		1			X	
I-1-20Dup	-23	11.21.16	2054		1			X	
I-3-20B	-24	11.21.16	2058		1				Archive
I-6-20B	-25	11.21.16	2100		1				Archive
X-1-20B	-26	11.21.16	2103		1			X	
X-3-20B	-27	11.21.16	2106		1				Archive

Analysis Required

Company Name: Alta Environmental
Address:
City/State/Zip:

Project Contact: Cesar Rural Lab -
Tel:
Fax/Email: Cesar.RuralLab@altaenviron.com

Sampler's Signature:
Project Name/ID: Webster F.S. -

Relinquished by:	Received by:	11/21/16	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	11/22/16 1500	O Dispose of O Return to Client X Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11-21-16

WHITE WITH SAMPLE • YELLOW TO CLIENT

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **CESAR RUVALCABA**
Alta Environmental
3777 Long Beach Blvd
Annex Building
Long Beach, CA 90807
Phone: (562) 495-5777
Fax:

12/1/2016

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 11/23/2016. The results are tabulated on the attached data pages for the following client designated project:

Window and doors replacement project at Webster ES

The reference number for these samples is EMSL Order #011608011. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 187

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011608011
CustomerID:	ALTA34
CustomerPO:	SMSD-16-6415
ProjectID:	

Attn: **CESAR RUVALCABA**
Alta Environmental
3777 Long Beach Blvd
Annex Building
Long Beach, CA 90807

Phone: (562) 495-5777
Fax:
Received: 11/23/16 9:45 AM

Project: **Window and doors replacement project at Webster ES**

Analytical Results

Client Sample Description X-1-20B split ***Collected:*** 11/21/2016 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	11/30/2016	AB	12/1/2016	EH

Client Sample Description X-1-20 split ***Collected:*** 11/21/2016 ***Lab ID:*** *0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
3540C/8082A	Aroclor-1016	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1221	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1232	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1242	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1248	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1254	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1260	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1262	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH
3540C/8082A	Aroclor-1268	ND	0.98	mg/Kg	11/30/2016	AB	12/1/2016	EH

Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)

EMSL Analytical Inc.

SOIL / SOLID SURROGATE RECOVERY

Lab Name: EMSL Analytical

*** : Values outside of QC limits**

D: Surrogate diluted out

	Compound Name:	TCX	TCX2	DCB	DCB2	**Total Out**
	CAS #:	877-09-8	877-09-8	2051-24-3	2051-24-3	
	QC Limits:	(30-137)	(30-137)	(30-138)	(30-138)	
011608011-2 MS	12/01/16 13:09	76 D	84 D	93 D	95 D	0
011608040-9 4X	12/01/16 13:22	68 D	72 D	72 D	70 D	0
011608011-2 MSD	12/01/16 13:36	72 D	79 D	88 D	89 D	0
011608040-11 3X	12/01/16 13:52	92 D	92 D	91 D	85 D	0
LCS 1 OP 3530-40	12/01/16 10:22	75	83	90	91	0
011608065-1 5X	12/01/16 10:50	82 D	88 D	89 D	93 D	0
011608009-1 4X	12/01/16 11:18	76 D	84 D	90 D	90 D	0
011608009-2 4X	12/01/16 11:45	65 D	72 D	82 D	83 D	0
011608040-2 4X	12/01/16 11:54	97 D	98 D	87 D	89 D	0
011608011-1 10X	12/01/16 12:13	66 D	73 D	87 D	86 D	0
011608040-3 2X	12/01/16 12:23	79 D	77 D	74 D	75 D	0
011608011-2 4X	12/01/16 12:41	70 D	78 D	90 D	91 D	0
011608040-4 4X	12/01/16 12:53	82 D	86 D	81 D	90 D	0
011608040-12 CU	12/01/16 14:22	101	91	103	86	0
MB 1 OP 3530-40	12/01/16 09:55	74	83	90	94	0

TCX=Tetrachloro-m-xylene
DCB=Decachlorobiphenyl

EMSL Analytical Inc.

PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	MB 1 OP 3530-40 CU
Lab Name:	EMSL Analytical		
EMSL Sample ID:		**Project:**	
Lab File ID:	X53064.D	**Sample Matrix:**	SOIL / SOLID
Instrument ID:	ECD-X	**Sampling Date:**	12:00:00 AM
Analyst:	EH	**Date Extracted:**	11/30/2016
GC Column:	CLPest I (0.25 mm)	**Analysis Date**	12/1/2016 9:55:24 AM
GC Column 2:	CLPest II (0.25 mm)	**Sample wt/vol:**	10 G
% Moisture:	0	**Dilution Factor:**	1
PH:	0	**Concentrated Extract Vol:**	10 (mL)
GPC Cleanup(Y/N):	N	**Injection Volume:**	1 (ul)
Extraction Type:	3540C	**Sulfur Cleanup:**	Y
Method:	SW846 8081b/8082a		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
J = Estimated Concentration. Detected below Practical Quantitation Level
D = Dilution40%

EMSL Analytical Inc.

SOIL / SOLID LCS/QCS/ LFB RECOVERY

	Lab Name:	EMSL Analytical		**Original**	LCS 1 OP		
				File ID:	X53064.D/X53065.D		
	*** : Values outside of**						
	COMPOUND	**CAS NO**	**LOW LIMIT**	**HIGH LIMIT**	**SPIKE ADDED mg/Kg**	**LCS CONC. mg/Kg**	**LCS REC%**
1	Aroclor 1016	12674-11-2	58	123	1.500	1.370	91
2	Aroclor 1260	11096-82-5	63	131	1.500	1.454	97
				Total Out			0 of 2

EMSL Analytical Inc.

SOIL / SOLID MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

	Lab Name:	EMSL Analytical		**Original**		011608011-2 MS 4X CU								
				File ID:		X53070.D/X53071.D/X53072.D								
	*** : Values outside of**													
	COMPOUND	**CAS NO**	**LOW LIMIT**	**HIGH LIMIT**	**RPD LIMIT**	**SAMPLE CONC.**	**MS SPIKE ADDED mg/Kg**	**MS CONC. mg/Kg**	**MS REC%**	**MSD SPIKE ADDED mg/Kg**	**MSD CONC. mg/Kg**	**MSD REC%**	**RPD %**
1	Aroclor 1016	12674-11-2	12	164	25	0.000	7.353	7.244	99	7.143	6.660	93	6
2	Aroclor 1260	11096-82-5	43	167	25	0.000	7.353	7.322	100	7.143	6.731	94	6
				Total Out					0 of 2			0 of 2	0 of 2

EMSL ANALYTICAL, INC.
LABORATORY · PRODUCTS · TRAINING

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Environmental Chemistry Chain of Custody

EMSL Order Number (*Lab Use Only*): 011608011

Report To Contact Name: Cesar Ruvalcaba			**Bill To Company:** Same		
Company Name: Alta Environmental			**Attention To:**		
Street: 3777 Long Beach Boulevard, Annex Building			**Street:**		
City: Long Beach	**State/Province:**	**Zip/Postal Code:**	**City:**	**State/Province:**	**Zip/Postal Code:**
Phone : 562-495-5777	**Fax :**		**Phone:**	**Fax:**	
Project Name: Window and doors replacement project at Webster ES			**Email Results To:** Cesar.ruvalcaba@altaenviron com	**U.S. State where Samples Collected:** CA	
Number of Samples in Shipment: 2	**Date of Shipment:** 11/22/16		**Purchase Order:** SMSD-16-6415	**Sampled By (Signature):** Fabian Ruvalcaba FR	

Standard Turnaround Time: ☐ 2 Weeks — **The following TAT's are subject to lab approval:** ☒ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed							
Client Sample ID	**Comp**	**Grab**	**Date/Time**	**W=Water S=Soil A=Air SL=Sludge O= Other**	**1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other**	EPA method 8082 (PCBs)							**Comments**
X-1-20B split	x		11/21/16 2114	O	4	X							
X-1-20 split	x		11/21/16 2120	O	4	X							

1
2

Released By (Signature)	Date & Time	Received By	Date & Time
Fabian Ruvalcaba FR	11/22/16 9am	E.2 4c	11/23/16 0945

Please indicate reporting requirements: ☐ Results Only ☒ Results and QC ☐ Reduced Deliverables ☐ Disk Deliverable ☐ Other _____

Instructions or Comments:

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
X 1 Week (Standard)
Other:

Misc./PO# SMSD-16-6574

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA 8082 PCB	COMMENTS
X-6-20B	1611128	11.21.16	2108		1		ICE	X	Archive
Y-1-20 BSPLIT	-129	11.21.16	2112		1		ICE	X	
~~NO Sample (FB) X-1-20 B SPLIT~~	-130	~~11.21.16~~	~~2114~~						
I-1-20 SPLIT	-131	11/21/16	2118		1		ICE	X	
~~NO Sample (FB) I-1-20 SPLIT~~	-132	~~11/21/16~~	~~2120~~						
Rinse Set	-133	11/21/16	2127		1		ICE	X	
Seal Blank	-134	11/21/16	2130		1		ICE	X	

Analysis Required

Company Name: Alta Environmental
Project Contact: Cesar Ruvalcaba
Sampler's Signature:
Address:
Tel:
Project Name/ID: Webster E.S.
City/State/Zip:
Fax/Email: Cesar.Ruvalcaba@altaenviron.com

Relinquished by:	Received by:	Date & Time:
Relinquished by:	Received by:	Date & Time: 11/22/16 1530
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client X Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 11-21-16

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 27, 2017

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: **Webster ES Additional Step-Out**
Lab I.D.: **170120-33 through -62**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on January 20, 2017, 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

for

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: **Webster ES Additional Step-Out**

DATE SAMPLED:01/19/17
MATRIX:SOLID
REPORT TO:MR. CESAR RUVALCABA

DATE RECEIVED:01/20/17
DATE EXTRACTED:01/25-26/17
DATE ANALYZED:01/26/17
DATE REPORTED:01/27/17

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
1-0119	170120-33	ND	ND	ND	ND	ND	ND	ND	ND	40^
4-0119	170120-36	ND	ND	ND	ND	ND	ND	ND	ND	40^
7-0119	170120-39	ND	ND	ND	ND	ND	ND	ND	ND	40^
10-0119	170120-42	ND	ND	ND	ND	ND	ND	ND	ND	20^
13-0119	170120-45	ND	ND	ND	ND	ND	ND	ND	ND	40^
16-0119	170120-48	ND	ND	ND	ND	ND	ND	ND	ND	40^
18-0119	170120-50	ND	ND	ND	ND	ND	ND	ND	ND	20^
22-0119	170120-53	ND	ND	ND	ND	ND	ND	ND	ND	20^
25-0119	170120-56	ND	ND	ND	ND	ND	ND	ND	ND	100^
27-0119	170120-58	ND	ND	ND	ND	ND	ND	ND	ND	50^
28-0119	170120-59	ND	ND	ND	ND	ND	ND	ND	ND	100^
29-0119	170120-60	ND	ND	ND	ND	ND	ND	ND	ND	20^
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

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
^ = Actual detection limit raised due to matrix interference
*** = 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. 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	EPA Method 8082 PCB	COMMENTS
1-0119	170120-33	01/19/17	1745	Bulk	1 4oz		ice	X	
2-0119	-34		1757					X	archive
3-0119	-35		1802					X	archive
4-0119	-36		1808					X	
5-0119	-37		1813					X	archive
6-0119	-38		1820					X	archive
7-0119	-39		1850					X	
8-0119	-40		1858					X	archive
9-0119	-41		1905					X	archive
10-0119	-42		1910					X	
11-0119	-43		1914					X	archive
12-0119	-44		1917					X	archive
13-0119	-45		1923					X	
14-0119	-46		1930					X	archive
15-0119	-47		1935					X	archive

Analysis Required

Misc./PO#

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex Bldg
City/State/Zip: Long Beach, CA, ~~90808~~ TR 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-498-3777
Fax:

Sampler's Signature:
Project Name/ID: Webster ES, Additional step-out

F. Ruvalcaba Relinquished by: 1-19-17 (2230)
Relinquished by: 1/20/17
Relinquished by:

T. Rizzarri Received by: 2230
Received by:
Received by:

Date & Time: 1-19-17
Date & Time: 1/20/17 0950
Date & Time: 1/20/17 1230

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE • YELLOW TO CLIENT

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	EPA method 8082 PCB	COMMENTS
					Analysis Required				
16-0119	170120-48	1/19/17	1940	Bulk	1		ICE	X	
17-0119	-49		1948		4oz			X	archive
18-0119	-50		1958					X	
20-0119	-51		1954					X	archive
21-0119	-52		2002					X	archive
22-0119	-53		2010					X	
23-0119	-54		2013					X	archive
24-0119	-55		2018					X	archive
25-0119	-56		2051					X	
26-0119	-57		2055					X	archive
27-0119	-58		2108					X	
28-0119	-59		2111					X	
29-0119	-60		2115					X	
30-0119	-61		2118					X	archive
31-0119	-62		2123					X	archive

Misc./PO#

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex Bldg
City/State/Zip: Long Beach, CA, 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature:
Project Name/ID: Webster ES, additional step-out

F. Ruvalcaba Relinquished by:	T. Rizzani Received by:	2230	Date & Time: 1-19-17
Relinquished by: 1/20/17	Received by:		Date & Time: 1-20-17 0950
Relinquished by:	Received by:		Date & Time: 1/20/17 1230

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

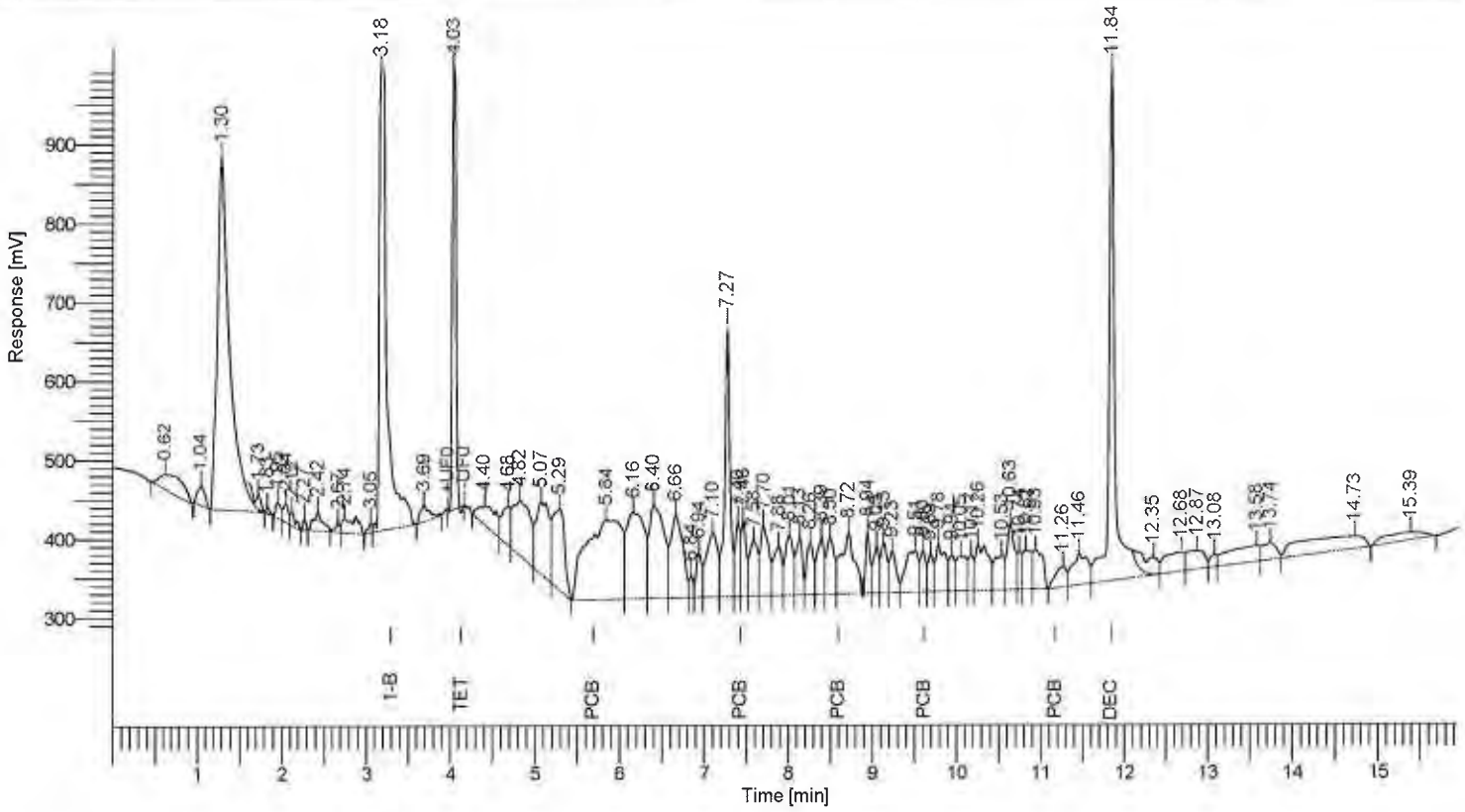
Date:

WHITE WITH SAMPLE • YELLOW TO CLIENT

Software Version : 6.3.2.0646
Sample Name : 170120-33 5/20 Alta
Instrument Name : GC-E
Rack/Vial : 0/5
Sample Amount : 1.000000
Cycle : 10

Date : 1/27/2017 8:59:27 AM
Data Acquisition Time : 1/26/2017 2:40:44 PM
Channel : B
Operator : GC
Dilution Factor : 1.000000

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B115.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq



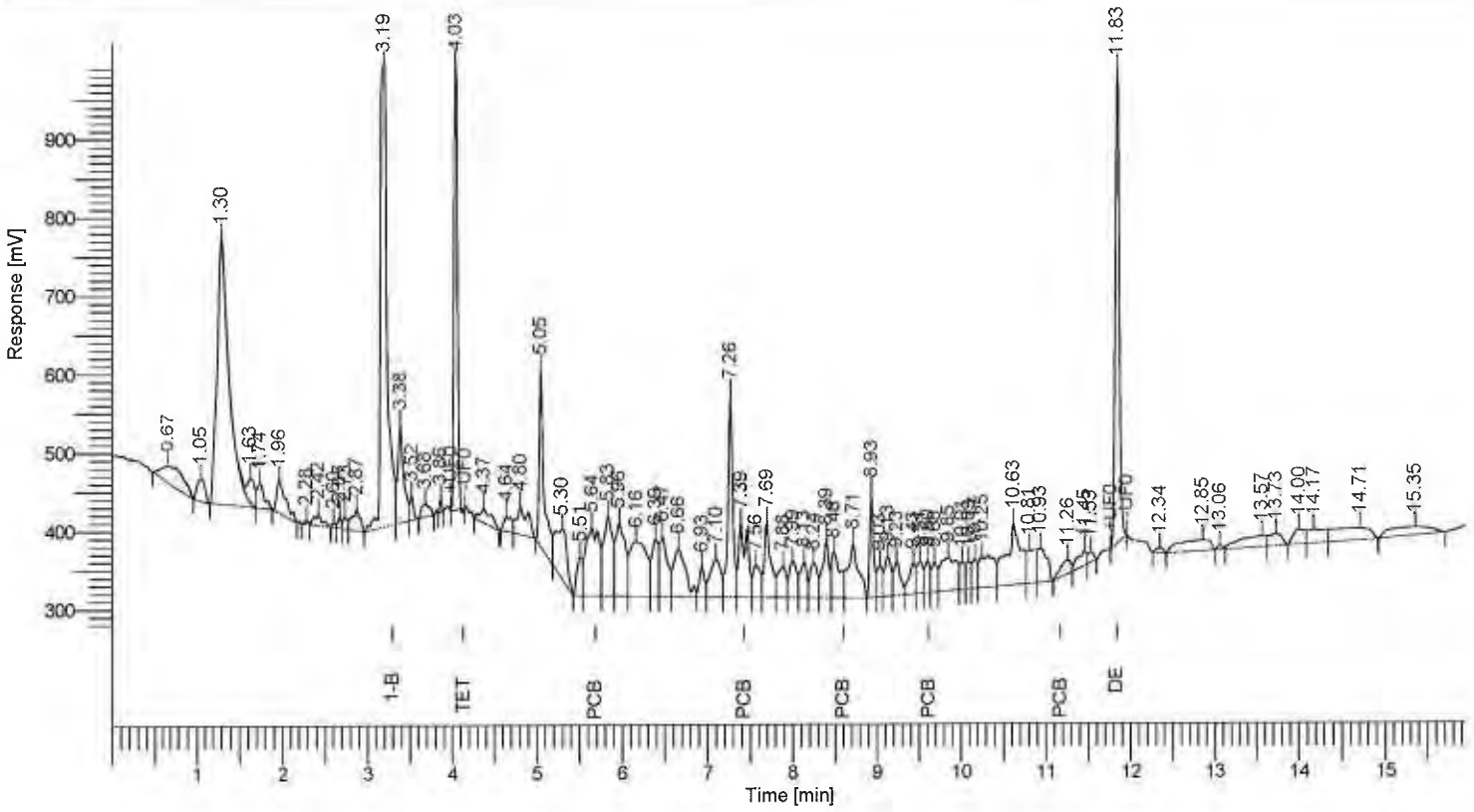
PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
14	1-Bromo-2-Nitrobenzene	3.18	3717329.18	633791.51	
16	Tetra chloro-meta-xylene	4.03	1794868.86	556612.34	115.469
	PCB (1016+1260)	7.27	2305773.82	460391.40	0.194
60	Decachlorobiphenyl	11.84	3390126.78	663834.15	120.998
			11208098.65	2314629.40	236.661

Software Version : 6.3.2.0646
Sample Name : 170120-36 5/20 Alta
Instrument Name : GC-E
Rack/Vial : 0/6
Sample Amount : 1.000000
Cycle : 11

Date : 1/27/2017 9:00:45 AM
Data Acquisition Time : 1/26/2017 3:01:07 PM
Channel : B
Operator : GC
Dilution Factor : 1.000000

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B116.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

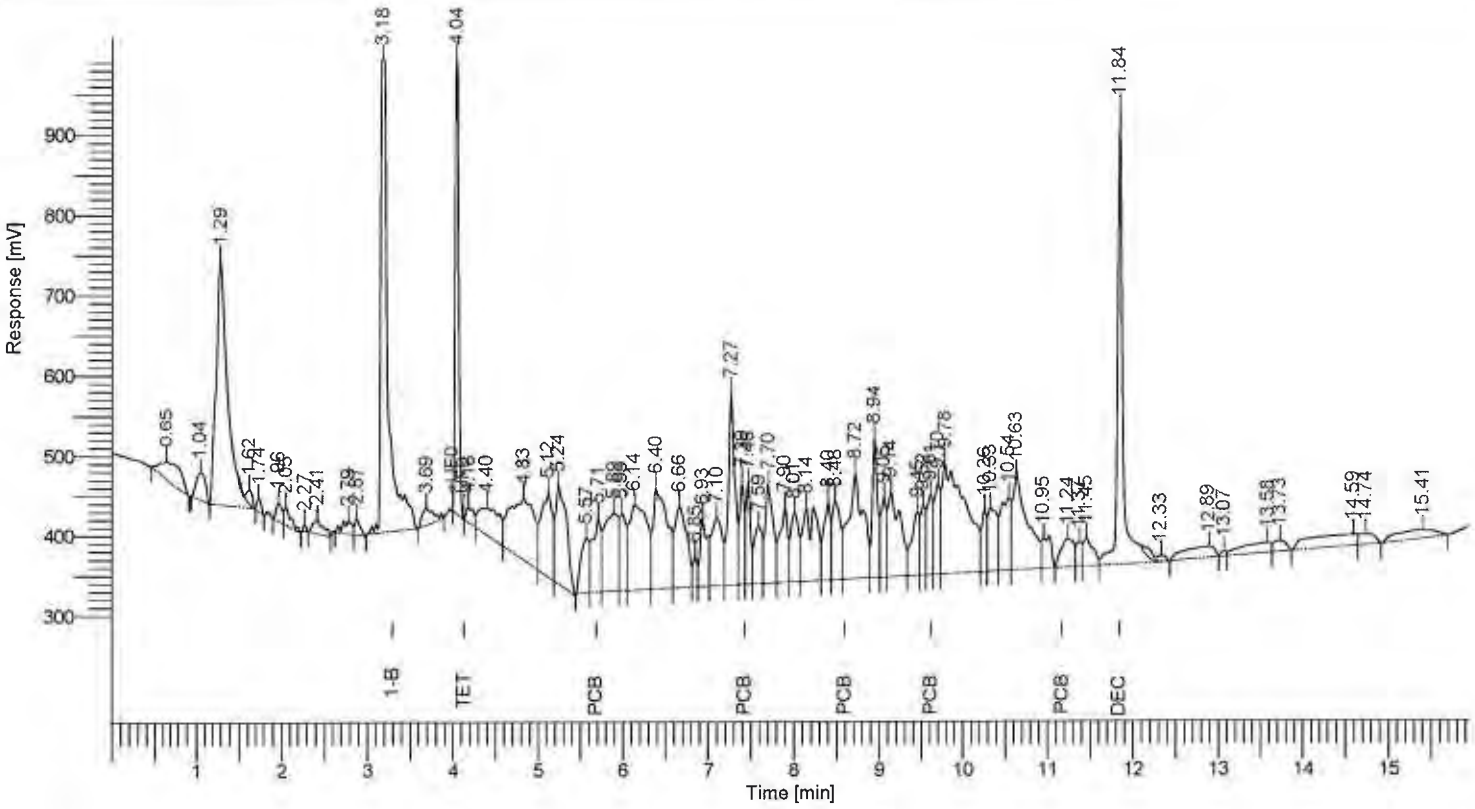


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
13	1-Bromo-2-Nitrobenzene	3.19	3237963.15	614160.97	----------
18	Tetra chloro-meta-xylene	4.03	1693889.62	566731.22	125.106
	PCB (1016+1260)	7.26	2166221.40	458981.59	0.209
64	Decachlorobiphenyl	11.83	2004473.07	605691.06	82.134
			9102547.23	2245564.84	207.449

Software Version	6.3.2.0646	Date	1/27/2017 9:01:52 AM
Sample Name	170120-39 5/20 Alta	Data Acquisition Time	1/26/2017 3:21:31 PM
Instrument Name	GC-E	Channel	B
Rack/Vial	0/7	Operator	GC
Sample Amount	1.000000	Dilution Factor	1.000000
Cycle	12		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B117.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

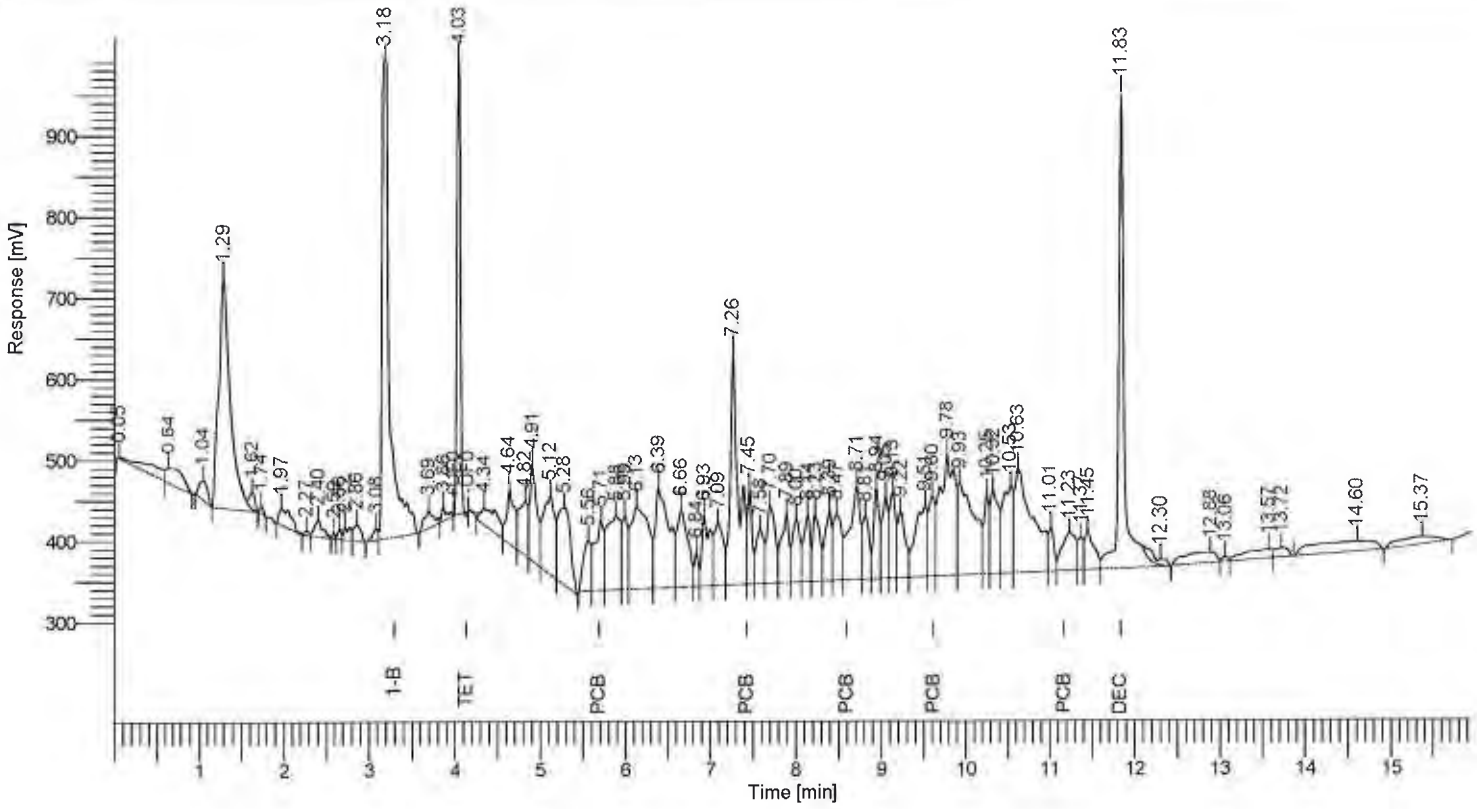


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
12	1-Bromo-2-Nitrobenzene	3.18	3559956.41	600192.17	----------
14	Tetra chloro-meta-xylene	4.04	1686009.53	565389.02	113.261
	PCB (1016+1260)	7.27	3086014.10	518917.96	0.271
57	Decachlorobiphenyl	11.84	2506142.21	557330.13	93.402
			10838122.25	2241829.28	206.933

Software Version	6.3.2.0646	Date	1/27/2017 9:02:53 AM
Sample Name	170120-42 10/20 Alta	Data Acquisition Time	1/26/2017 3:41:55 PM
Instrument Name	GC-E	Channel	B
Rack/Vial	0/8	Operator	GC
Sample Amount	1.000000	Dilution Factor	1.000000
Cycle	13		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B118.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

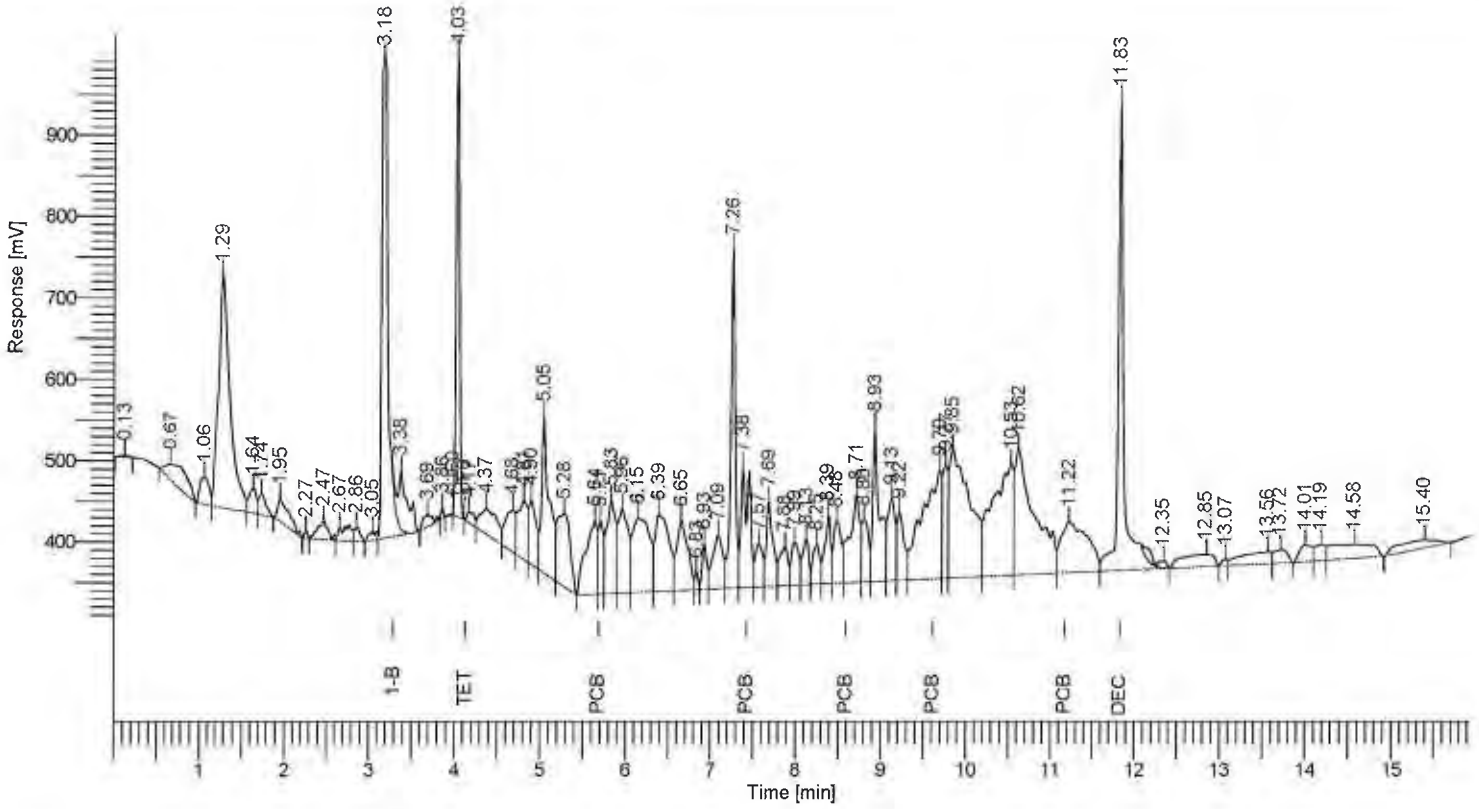


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Adjusted Amount
15	1-Bromo-2-Nitrobenzene	3.18	3498234.38	596174.30	----------
18	Tetra chloro-meta-xylene	4.03	1639086.61	560868.67	112.051
	PCB (1016+1260)	7.26	2999524.71	486247.48	0.268
63	Decachlorobiphenyl	11.83	2738526.35	580354.81	103.863
			10875372.04	2223645.26	216.183

Software Version	6.3.2.0646	Date	1/27/2017 9:03:59 AM
Sample Name	170120-45 5/20 Alta	Data Acquisition Time	1/26/2017 4:02:16 PM
Instrument Name	GC-E	Channel	B
Rack/Vial	0/9	Operator	GC
Sample Amount	1.000000	Dilution Factor	1.000000
Cycle	14		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B119.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq



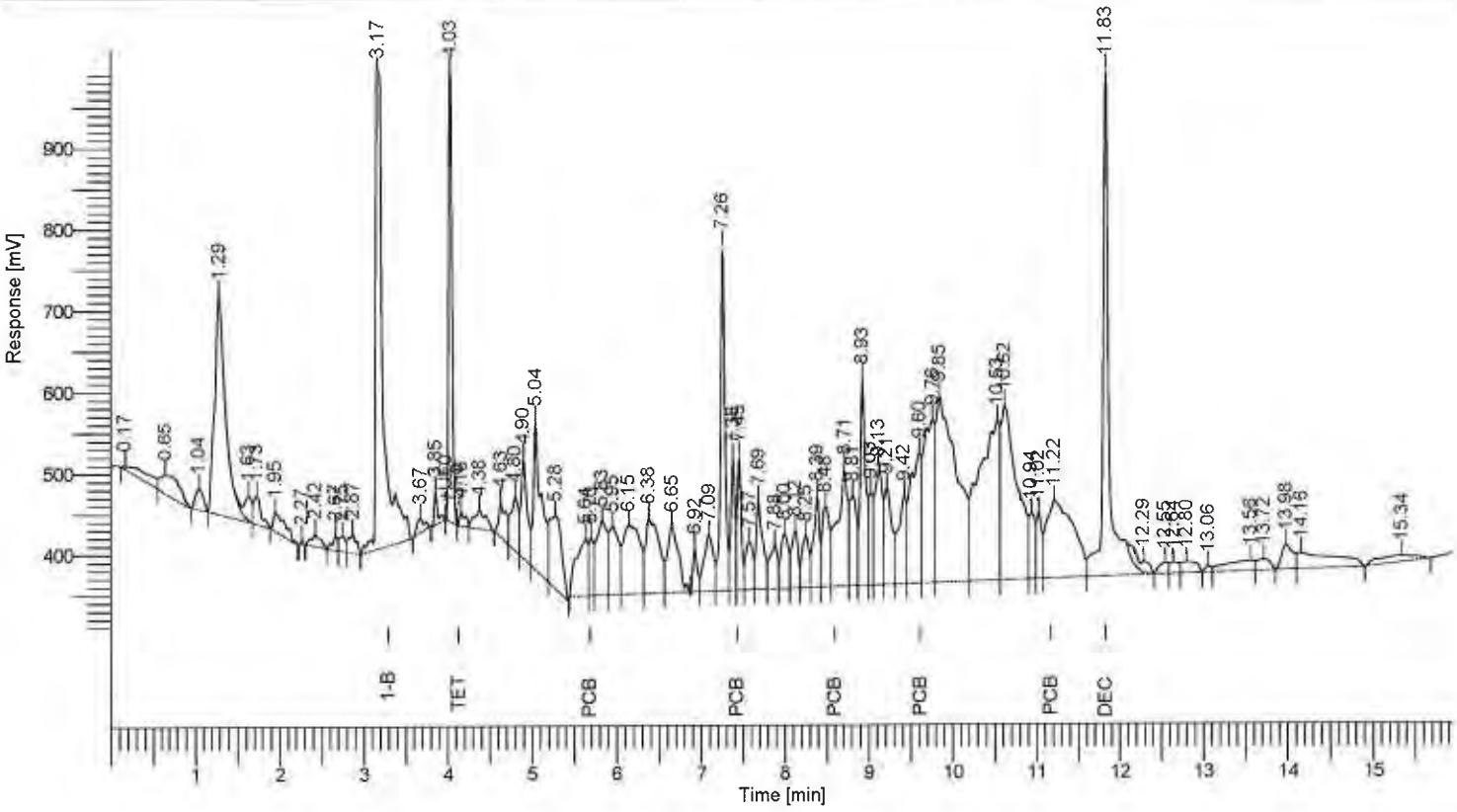
PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
13	1-Bromo-2-Nitrobenzene	3.18	3057387.22	616990.97	----------
17	Tetra chloro-meta-xylene	4.03	1656375.33	562422.52	129.561
	PCB (1016+1260)	7.26	2776780.38	579492.18	0.284
56	Decachlorobiphenyl	11.83	2768660.57	569638.81	120.147
			10259203.50	2328544.48	249.991

Software Version : 6.3.2.0646
Sample Name : 170120-48 5/20 Alta
Instrument Name : GC-E
Rack/Vial : 0/10
Sample Amount : 1.000000
Cycle : 15

Date : 1/27/2017 9:05:02 AM
Data Acquisition Time : 1/26/2017 4:22:38 PM
Channel : B
Operator : GC
Dilution Factor : 1.000000

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B120.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

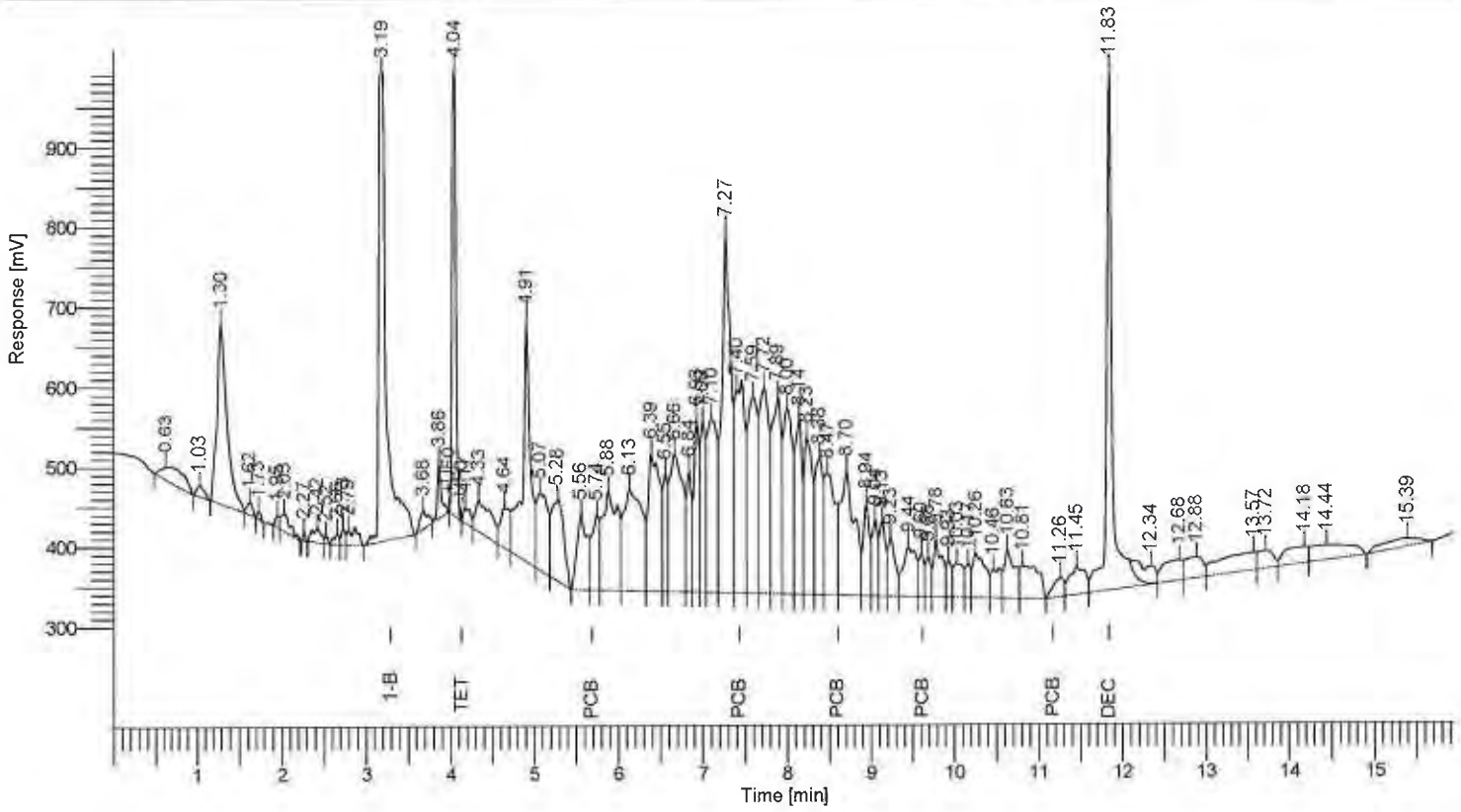


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
13	1-Bromo-2-Nitrobenzene	3.17	3759942.04	589069.77	----------
16	Tetra chloro-meta-xylene	4.03	1690193.95	553138.35	107.503
	PCB (1016+1260)	7.26	3920254.32	784887.67	0.326
59	Decachlorobiphenyl	11.83	3260273.32	620980.45	115.045
			12630663.63	2548076.24	222.873

Software Version	: 6.3.2.0646	Date	: 1/27/2017 9:06:07 AM
Sample Name	: 170120-50 10/20 Alta	Data Acquisition Time	: 1/26/2017 4:43:03 PM
Instrument Name	: GC-E	Channel	: B
Rack/Vial	: 0/11	Operator	: GC
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 16		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B121.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq



PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [uV]	Adjusted Amount
14	1-Bromo-2-Nitrobenzene	3.19	3830400.49	590066.68	----------
17	Tetra chloro-meta-xylene	4.04	1848630.86	554442.62	115.417
	PCB (1016+1260)	7.27	6569750.92	814700.02	0.536
63	Decachlorobiphenyl	11.83	3222756.39	653515.08	111.629
			15471538.66	2612724.40	227.582

Software Version : 6.3.2.0646
Sample Name : 170120-53 10/20 Alta
Instrument Name : GC-E
Rack/Vial : 0/12
Sample Amount : 1.000000
Cycle : 17

Date : 1/27/2017 9:07:19 AM
Data Acquisition Time : 1/26/2017 5:03:28 PM
Channel : B
Operator : GC
Dilution Factor : 1.000000

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B122.rst
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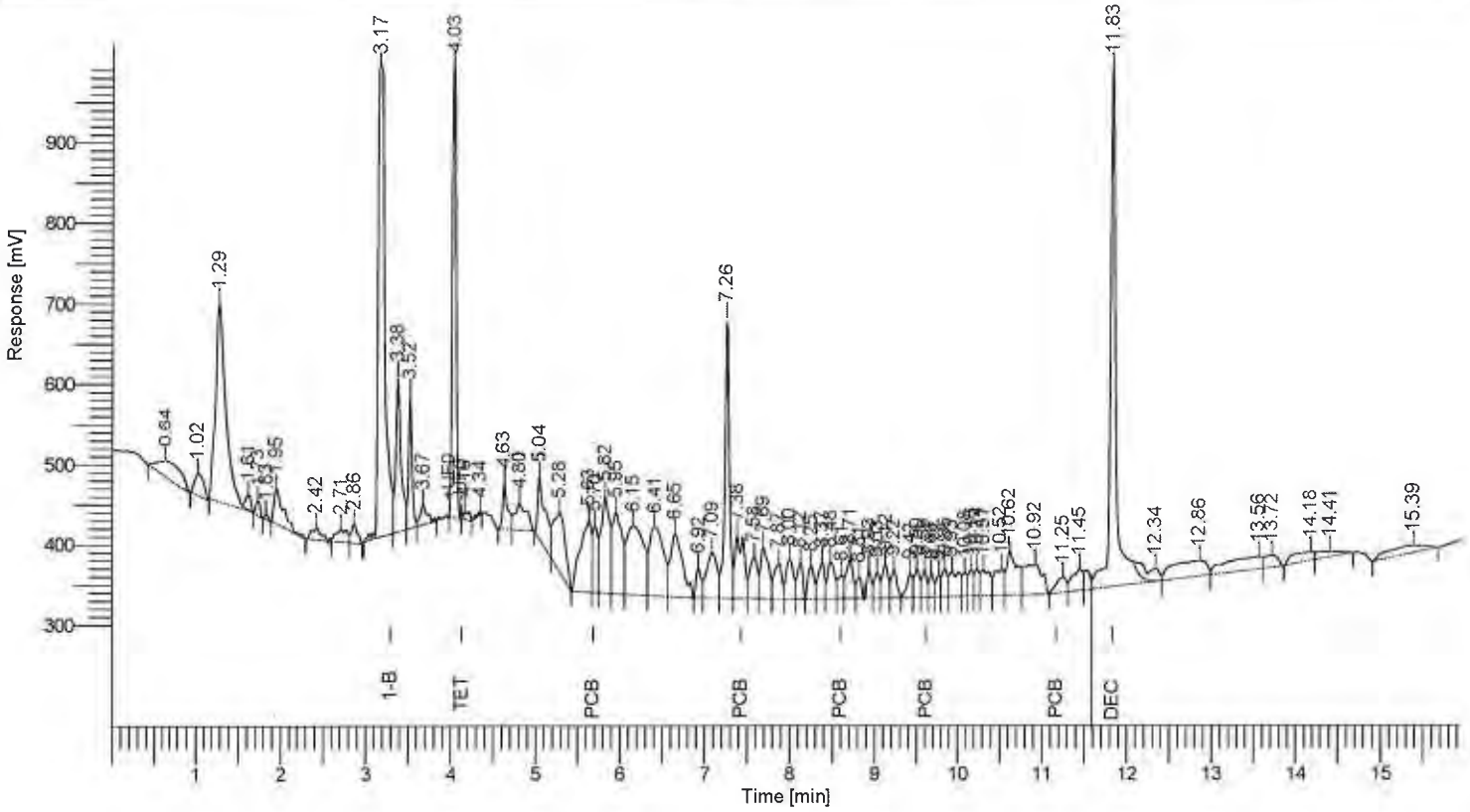
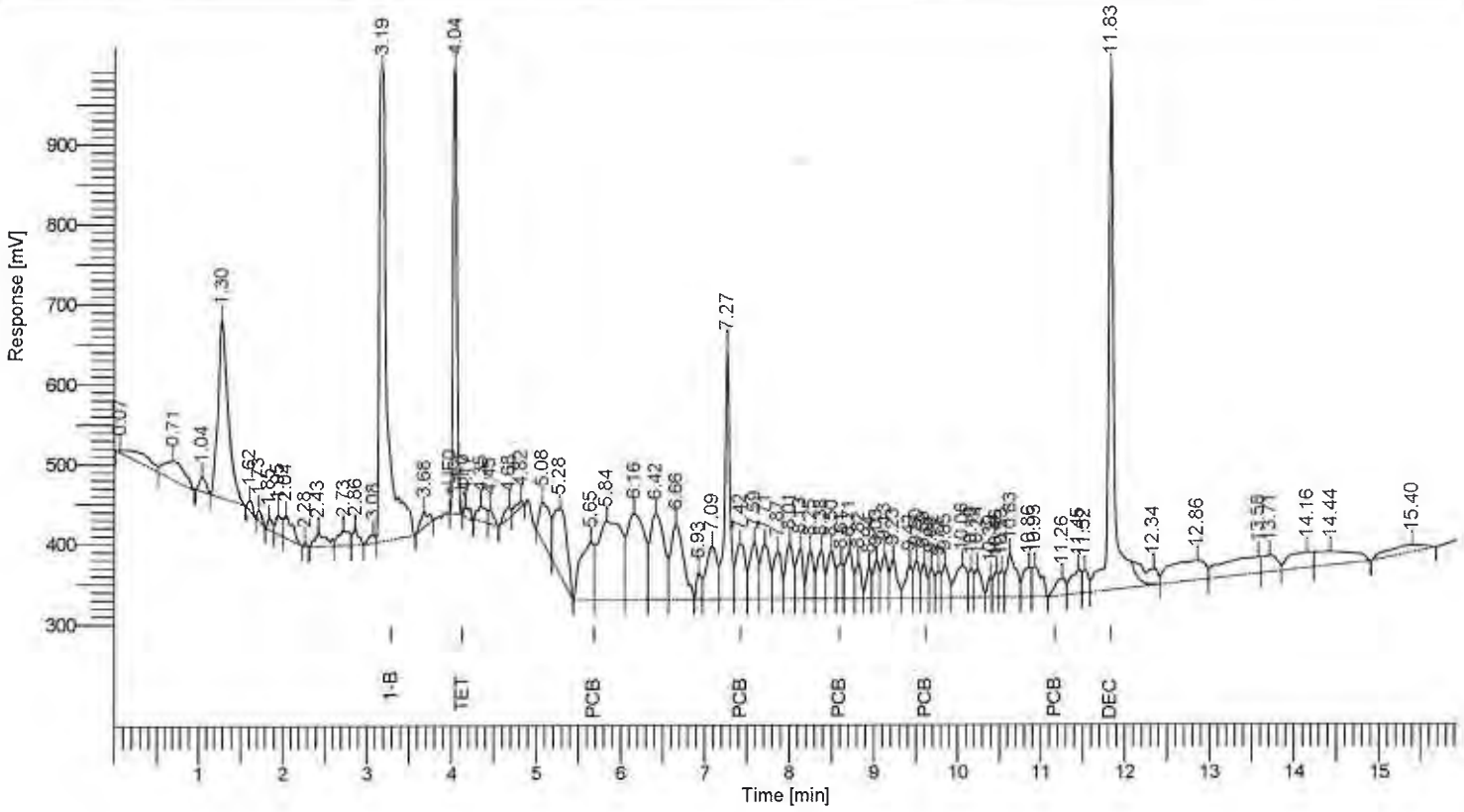


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
11	1-Bromo-2-Nitrobenzene	3.17	3250419.69	585351.20	----------
15	Tetra chloro-meta-xylene	4.03	1859354.25	560277.97	136.800
	PCB (1016+1260)	7.26	3075492.07	542029.66	0.296
64	Decachlorobiphenyl	11.83	3105346.63	654884.33	126.755
			11290612.63	2342543.17	263.851

Software Version	: 6.3.2.0646	Date	: 1/27/2017 9:08:34 AM
Sample Name	: 170120-56 2/20 Alta	Data Acquisition Time	: 1/26/2017 5:23:53 PM
Instrument Name	: GC-E	Channel	: B
Rack/Vial	: 0/13	Operator	: GC
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 18		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B123.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

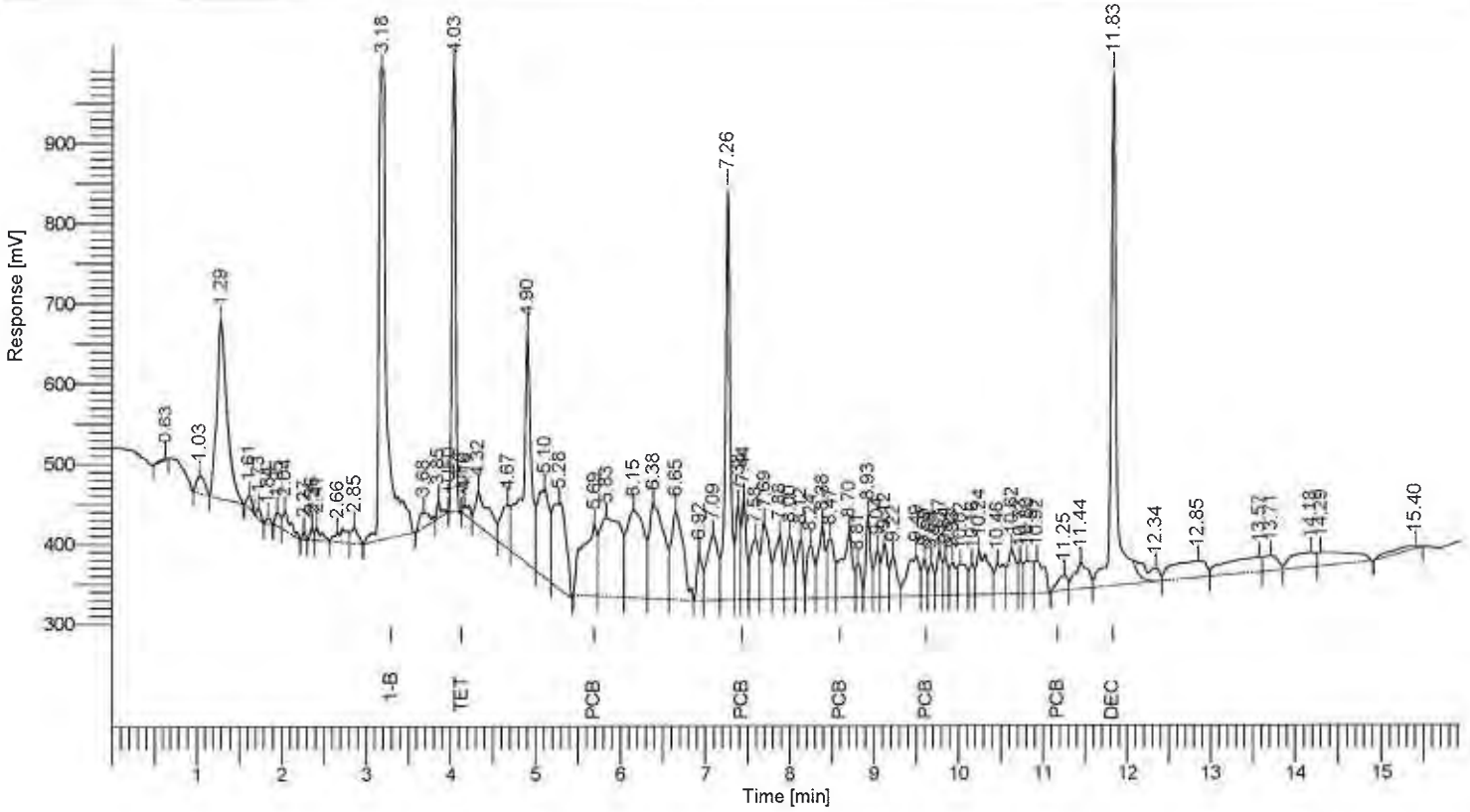


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
15	1-Bromo-2-Nitrobenzene	3.19	3797594.12	618182.30	----------
17	Tetra chloro-meta-xylene	4.04	1805253.74	555511.20	113.683
	PCB (1016+1260)	7.27	2955027.69	519768.49	0.243
67	Decachlorobiphenyl	11.83	3140534.35	649552.98	109.721
			11698409.90	2343014.97	223.647

Software Version	6.3.2.0646	Date	1/27/2017 9:09:37 AM
Sample Name	170120-58 4/20 Alta	Data Acquisition Time	1/26/2017 5:44:18 PM
Instrument Name	GC-E	Channel	B
Rack/Vial	0/14	Operator	GC
Sample Amount	1.000000	Dilution Factor	1.000000
Cycle	19		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B124.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq

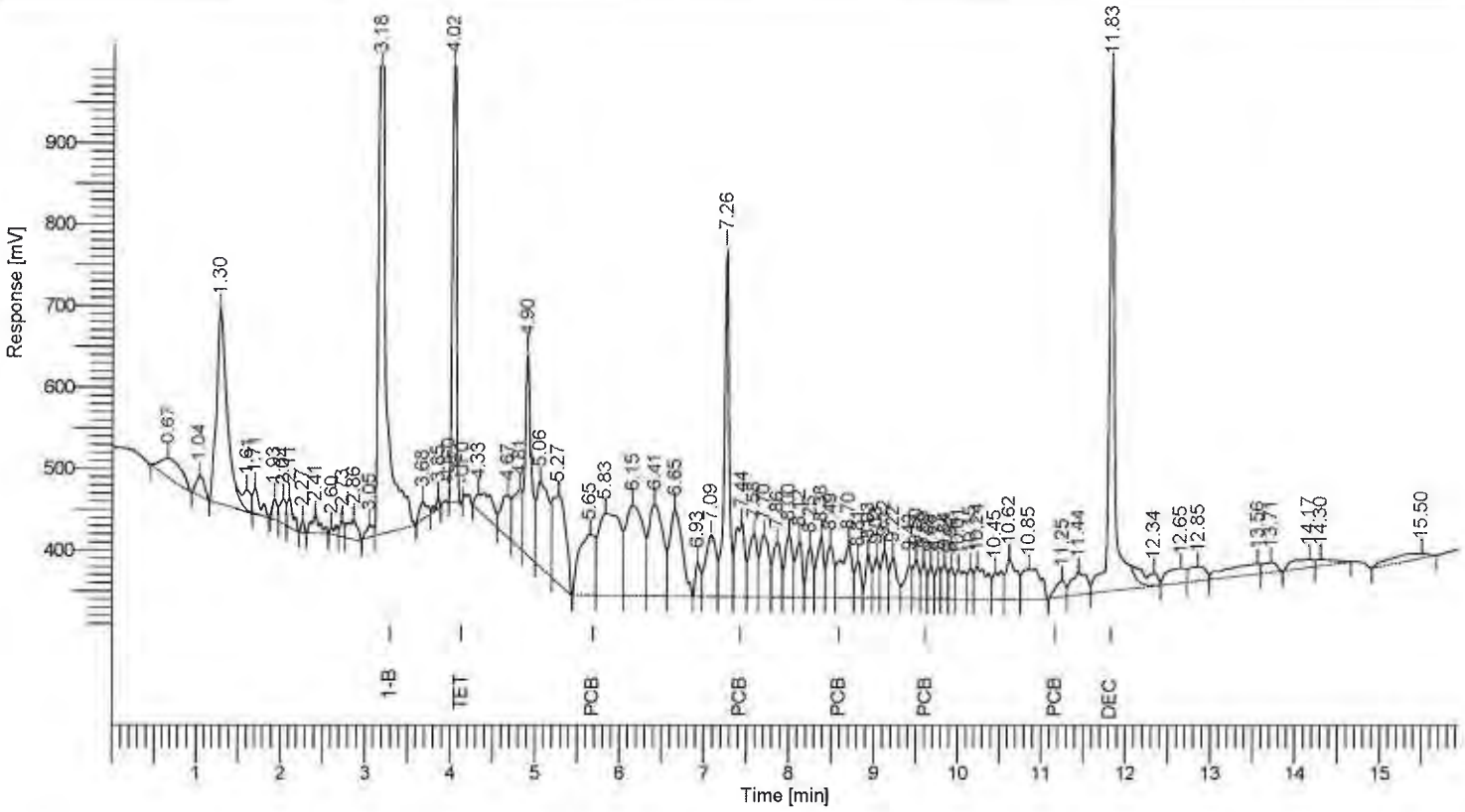


PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
14	1-Bromo-2-Nitrobenzene	3.18	3829638.73	603061.02	----------
17	Tetra chloro-meta-xylene	4.03	1805308.03	553883.26	112.735
	PCB (1016+1260)	7.26	3976632.58	726787.14	0.325
64	Decachlorobiphenyl	11.83	3016656.70	642512.50	104.511
			12628236.03	2526243.93	217.570

Software Version	: 6.3.2.0646	Date	: 1/27/2017 9:11:16 AM
Sample Name	: 170120-59 2/20 Alta	Data Acquisition Time	: 1/26/2017 6:25:06 PM
Instrument Name	: GC-E	Channel	: B
Rack/Vial	: 0/15	Operator	: GC
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 21		

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B126.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq



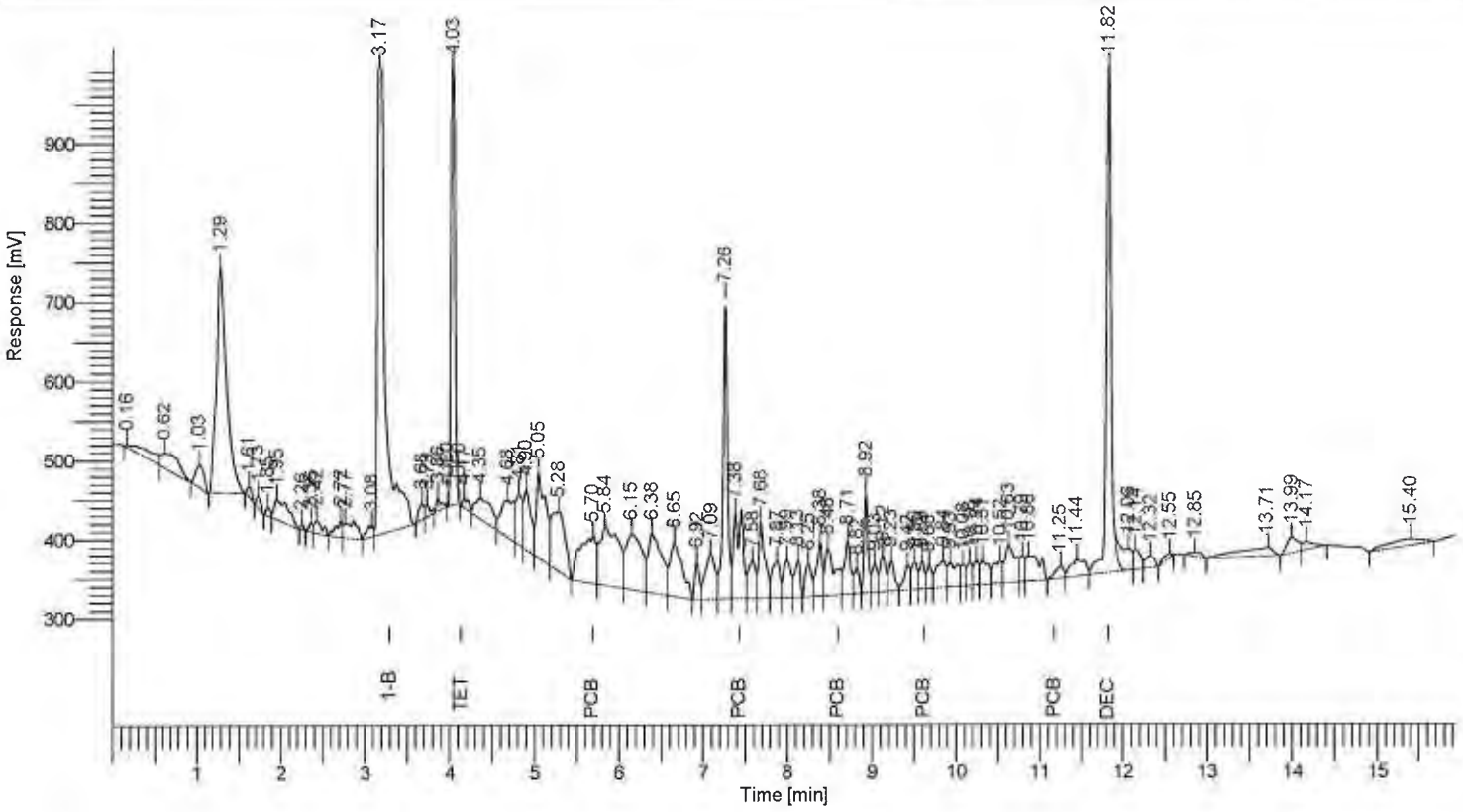
PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
15	1-Bromo-2-Nitrobenzene	3.18	3915947.26	596915.26	----------
18	Tetra chloro-meta-xylene	4.02	1825777.74	534421.68	111.500
	PCB (1016+1260)	7.26	3889965.33	648518.63	0.310
63	Decachlorobiphenyl	11.83	3065935.11	645527.14	103.877
			12697625.44	2425382.72	215.688

Software Version : 6.3.2.0646
Sample Name : 170120-60 10/20 Alta
Instrument Name : GC-E
Rack/Vial : 0/16
Sample Amount : 1.000000
Cycle : 22

Date : 1/27/2017 9:12:13 AM
Data Acquisition Time : 1/26/2017 6:45:31 PM
Channel : B
Operator : GC
Dilution Factor : 1.000000

Result File : D:\GC DATA\GC-E\E02017\E1701\E170124\B127.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1701\E170124\E170124.seq



PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
15	1-Bromo-2-Nitrobenzene	3.17	3932718.20	587100.97	----------
19	Tetra chloro-meta-xylene	4.03	1864204.28	550123.88	113.361
	PCB (1016+1260)	7.26	3045622.66	560748.83	0.242
66	Decachlorobiphenyl	11.82	2626898.35	648659.33	88.623
			11469443.49	2346633.01	202.226

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

Date: January 27, 2017

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: **Webster ES Additional Step-Out**
Lab I.D.: **170120-33 through -62**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on January 20, 2017, 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

for

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** Date Analyzed: 1/26-27/2017

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 170126-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.092	**92%**	0.090	**90%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.119	**119%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	170124-61	170124-62	170124-58	170124-60		
Tetra-chloro-meta-xylene	50-150	118%	86%	132%	111%	97%		
Decachlorobipneyl	50-150	76%	70%	83%	79%	82%		

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

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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: 1/26-27/2017

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 170126-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.092	**92%**	0.090	**90%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.119	**119%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	170120-33	170120-36	170120-39	170120-42	170120-45	170120-48
Tetra-chloro-meta-xylene	50-150	118%	115%	125%	113%	112%	130%	108%
Decachlorobipneyl	50-150	76%	121%	82%	93%	104%	120%	115%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170120-50	170120-53	170120-56	170120-58	170120-59	170120-60	170125-2	170125-3
Tetra-chloro-meta-xylene	115%	137%	114%	113%	112%	113%	121%	121%
Decachlorobipneyl	112%	127%	110%	105%	104%	89%	68%	77%

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

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

Analyzed and Reviewed By:

Final Reviewer: _____

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

Date: February 3, 2017

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: **Webster ES, Additional Step-Out**
Lab I.D.: **170127-130 through -162**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on January 27, 2017, 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:

DATE SAMPLED:01/25/17
MATRIX:SOLID
REPORT TO:MR. CESAR RUVALCABA

DATE RECEIVED:01/27/17
DATE EXTRACTED:01/31-02/01/17
DATE ANALYZED:02/01&02/17
DATE REPORTED:02/03/17

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
01-0125	170127-130	ND	ND	ND	ND	ND	ND	ND	ND	10^
02-0125	170127-131	ND	ND	ND	ND	ND	ND	ND	ND	1
05-0125	170127-134	ND	ND	ND	ND	ND	ND	ND	ND	1
08-0125	170127-137	ND	ND	ND	ND	ND	ND	ND	ND	10^
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

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
^ = Actual detection limit raised due to matrix interference
*** = 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

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:

DATE SAMPLED: 01/25/17
MATRIX: SOLID
REPORT TO: MR. CESAR RUVALCABA

DATE RECEIVED: 01/27/17
DATE EXTRACTED: 01/31-02/01/17
DATE ANALYZED: 02/01&02/17
DATE REPORTED: 02/03/17

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
11-0125	170127-140	ND	ND	ND	ND	ND	ND	ND	ND	1
14-0125	170127-143	ND	ND	ND	ND	ND	ND	ND	ND	1
17-0125	170127-146	ND	ND	ND	ND	ND	ND	ND	ND	1
18-0125	170127-147	ND	ND	ND	ND	ND	ND	ND	ND	1
21-0125	170127-150	ND	ND	ND	ND	ND	ND	ND	ND	1
24-0125	170127-152	ND	ND	ND	ND	ND	ND	ND	ND	1
27-0125	170127-155	ND	ND	ND	ND	ND	ND	ND	ND	1
30-0125	170127-158	ND	ND	ND	ND	ND	ND	ND	ND	1
33-0125	170127-161	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

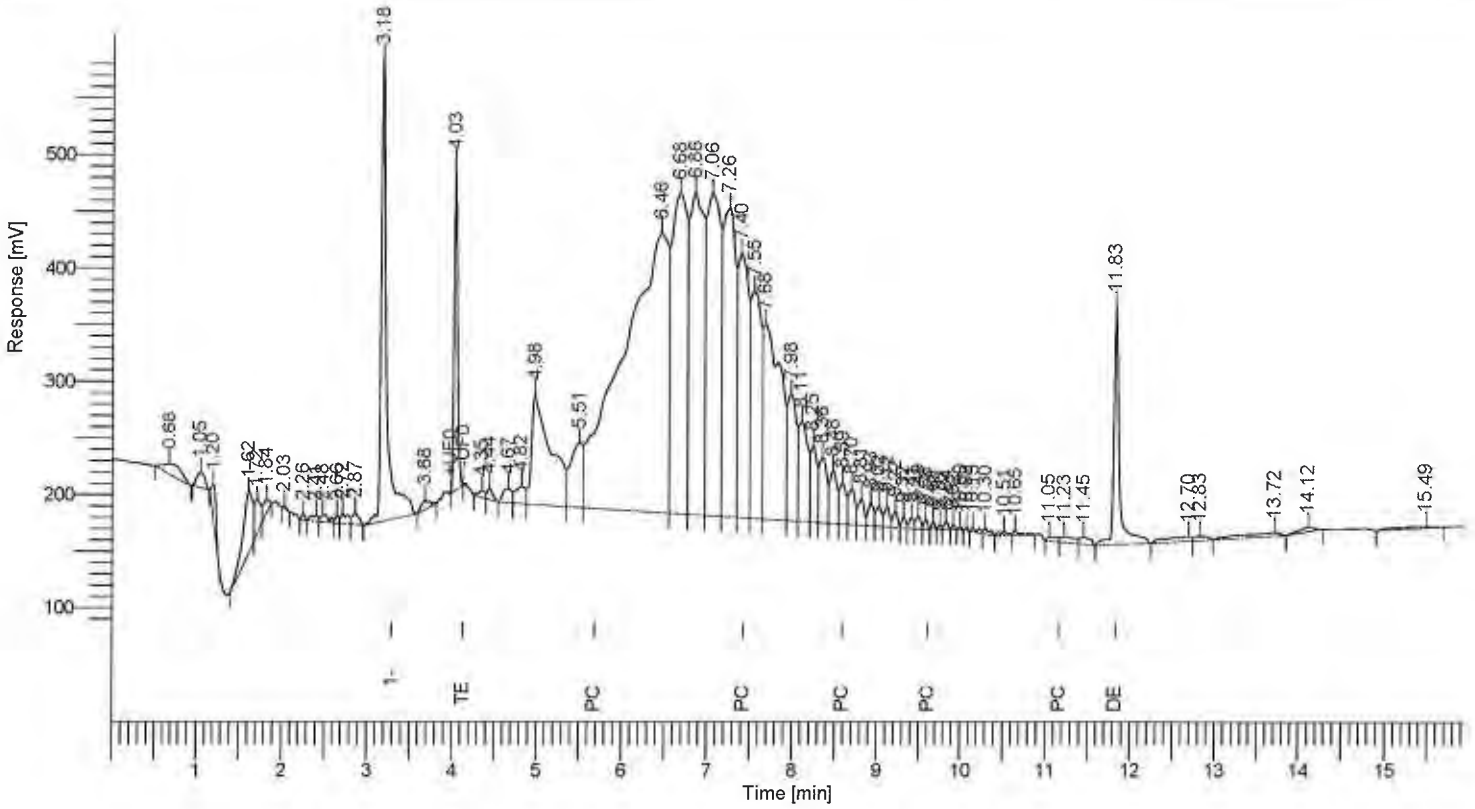
COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected Or Below the Actual Detection Limit
* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260
*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Software Version	6.3.2.0646	Date	2/2/2017 1:42:16 PM
Sample Name	170127-130 2/100 RE	Data Acquisition Time	2/2/2017 10:41:43 AM
Instrument Name	GC-E	Channel	B
Rack/Vial	0/6	Operator	manager
Sample Amount	1.000000	Dilution Factor	1.000000
Cycle	6		

Result File : D:\GC DATA\GC-E\E02017\E1702\E170201\B072.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1702\E170201\E170201.seq

(01-0125) (MATRIX INTERFERENCE)



PCB Results

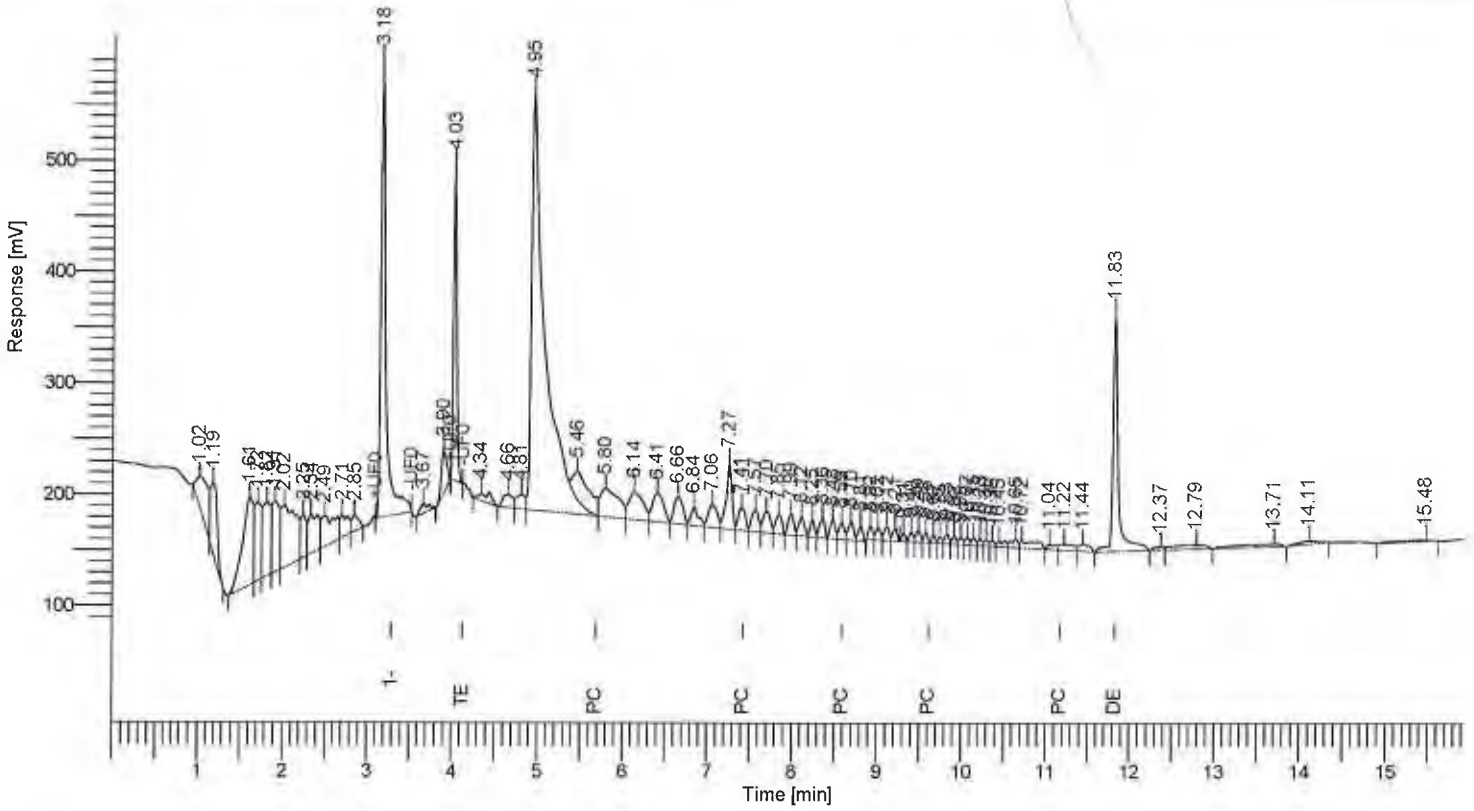
Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
14	1-Bromo-2-Nitrobenzene	3.18	1845416.52	411951.16	----------
16	Tetra chloro-meta-xylene	4.03	806164.97	288012.70	104.471
	PCB (1016+1260)	7.26	3684350.58	397491.43	0.624
60	Decachlorobiphenyl	11.83	944340.01	207797.62	67.893
			7280272.08	1305252.91	172.988

Software Version : 6.3.2.0646
Sample Name : 170127-137 2/100 RE
Instrument Name : GC-E
Rack/Vial : 0/9
Sample Amount : 1.000000
Cycle : 2

Date : 2/2/2017 1:44:38 PM
Data Acquisition Time : 2/2/2017 11:49:43 AM
Channel : B
Operator : GC
Dilution Factor : 1.000000

OE-0125 - MATRIX INTERFERENCE

Result File : D:\GC DATA\GC-E\E02017\E1702\E170201\B075.rst
Sequence File : D:\GC DATA\GC-E\E02017\E1702\E170201\E170201.seq



PCB Results

Peak #	Component Name	Time [min]	Area [uV*sec]	Height [µV]	Adjusted Amount
13	1-Bromo-2-Nitrobenzene	3.18	1657171.86	410937.45	----------
16	Tetra chloro-meta-xylene	4.03	772404.27	283999.71	111.466
	PCB (1016+1260)	7.27	752241.17	107504.65	0.142
65	Decachlorobiphenyl	11.83	929539.62	208760.16	74.421
			4111356.92	1011201.98	186.028

Enviro-Chem, Inc.

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EPA 8082 QA/QC Report

Matrix: **Soil/Solid/Sludge** Date Analyzed: 2/1-2/2017

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 170127-36~38 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.092	**92%**	0.100	**100%**	**8%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.099	**99%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	170127-36~38	170127-91	170127-92	170127-95	170127-98	170127-101
Tetra-chloro-meta-xylene	50-150	117%	117%	110%	121%	121%	112%	127%
Decachlorobipneyl	50-150	69%	72%	67%	76%	94%	70%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170127-104	170127-107	170127-110	170127-113	170127-116	170127-117	170127-120	170127-123
Tetra-chloro-meta-xylene	134%	134%	125%	134%	105%	116%	103%	116%
Decachlorobipneyl	84%	85%	75%	76%	68%	100%	68%	72%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170127-124	170127-127	170127-130	170127-131	170127-134	170127-137
Tetra-chloro-meta-xylene	115%	123%	104%	109%	127%	111%
Decachlorobipneyl	74%	76%	68%	70%	78%	74%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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: 2/1-2/2017

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 170201-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.102	**102%**	0.113	**113%**	**10%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.097	**97%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	170127-140	170127-143	170127-146	170127-147	170127-150	170127-152
Tetra-chloro-meta-xylene	50-150	122%	109%	126%	136%	117%	145%	130%
Decachlorobipneyl	50-150	70%	72%	78%	98%	55%	110%	65%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170127-155	170127-158	170127-161	170130-22	170130-23	170130-24	170130-25	170130-28
Tetra-chloro-meta-xylene	104%	93%	104%	104%	122%	125%	113%	135%
Decachlorobipneyl	69%	58%	79%	55%	85%	66%	75%	84%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170130-31	170130-34	170130-35	170130-38	170130-41	
Tetra-chloro-meta-xylene	110%	107%	114%	141%	104%	
Decachlorobipneyl	73%	88%	72%	87%	71%	

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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:

Misc./PO# SMSD-16-6424.1

1 ppm Limit

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA method 8082 PCB	COMMENTS
1-0125	170127-130	01/25/17	1621	Bulk			Ice	X	
2-0125	-131		1624					X	
3-0125	-132		1627					X	archive
4-0125	-133		1630					X	archive
5-0125	-134		1636					X	
6-0125	-135		1639					X	archive
7-0125	-136		1642					X	archive
8-0125	-137		1646					X	
9-0125	-138		1650					X	archive
10-0125	-139		1652					X	archive
11-0125	-140		1700					X	
12-0125	-141		1702					X	archive
13-0125	-142		1705					X	archive
14-0125	-143		1709					X	
15-0125	-144	—	1712	—			—	X	archive

Analysis Required

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd., Annex Bldg.
City/State/Zip: Long Beach, California 90807
Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax:
Sampler's Signature:
Project Name/ID: Webster ES, Additional Step-out

Relinquished by:	1-25-17 2230	Received by:	1-25-17 2230
Relinquished by:	1-26-17	Received by:	1-26-17
Relinquished by:	1/27/17 1050	Received by:	1/27/17 1050

Date & Time

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client X Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 1/27/16

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:

Misc./PO# SMSD-16-6424.1

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA method 8082 PCB	COMMENTS
16 -0128	170129.145	01/25/17	1716	Bulk			Ice	X	archive
17 -0128	-146		1743					X	
18 -0128	-147		1745					X	
19 -0128	-148		1747					X	archive
20 -0128	-149		1750					X	archive
21 -0128	-150		1800					X	
23 -0128	-151		1804					X	archive
24 -0128	-152		1808					X	
25 -0128	-153		1810					X	archive
26 -0128	-154		1813					X	archive
27 -0128	-155		1820					X	
28 -0128	-156		1825					X	archive
29 -0128	-157		1828					X	archive
30 -0128	-158		1832					V	
31 -0128	-159	—	1835	⊥			⊥	X	archive

Analysis Required

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd., Annex Bldg.
City/State/Zip: Long Beach, California 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature:
Project Name/ID: Webster ES, Additional Step-out

Relinquished by:	1-25-17 2230	Received by: 1-25-17 2330
Relinquished by:	1-26-17	Received by: 1-26-17
Relinquished by:	1/27/17 10:30	Received by:

Date & Time
Date & Time
1/29/17 1150

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client ☒ Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 1/27/16

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:

Misc./PO# SMSD-16-6424.1

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA method 8082 PCB	COMMENTS
32-0128	170127-160	01/25/17	1848	Bulk			Ice	X	archive
33-0128	-161	"	1905	"			"	X	
35-0125	-162	"	1912	"			"	X	archive

Analysis Required

Company Name: Alta Environmental
Project Contact: Cesar Ruvalcaba
Sampler's Signature:

Address: 3777 Long Beach Blvd., Annex Bldg.
Tel: 562-495-5777
Project Name/ID: Webster ES, Additional Step-out

City/State/Zip: Long Beach, California 90807
Fax:

Relinquished by:	1-25-17 2230	Received by:	1-25-17 2230
Relinquished by:	1-26-17	Received by:	1-26-17
Relinquished by:	1/27/17 10:50	Received by:	1/27/17 1050

Date & Time
Date & Time
Date & Time

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client ⊗ Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 1/27/16

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

Date: February 3, 2017

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: **Webster Additional Step-Out Sampling**
Lab I.D.: **170127-91 through -129**

Dear Mr. Ruvalcaba:

The **analytical results** for the solid samples, received by our laboratory on January 27, 2017, 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: **Webster Additional Step-Out Sampling**

DATE SAMPLED: 01/26/17
MATRIX: SOLID
REPORT TO: MR. CESAR RUVALCABA

DATE RECEIVED: 01/27/17
DATE EXTRACTED: 01/31-02/01/17
DATE ANALYZED: 02/01/17
DATE REPORTED: 02/03/17

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
01-0126	170127-91	ND	ND	ND	ND	ND	ND	ND	ND	1
02-0126	170127-92	ND	ND	ND	ND	ND	ND	ND	ND	1
05-0126	170127-95	ND	ND	ND	ND	ND	ND	ND	ND	1
08-0126	170127-98	ND	ND	ND	ND	ND	ND	ND	ND	1
11-0126	170127-101	ND	ND	ND	ND	ND	ND	ND	ND	1
14-0126	170127-104	ND	ND	ND	ND	ND	ND	ND	ND	1
17-0126	170127-107	ND	ND	ND	ND	ND	ND	ND	ND	1
20-0126	170127-110	ND	ND	ND	ND	ND	ND	ND	ND	1
24-0126	170127-113	ND	ND	ND	ND	ND	ND	ND	ND	1
27-0126	170127-116	ND	ND	ND	ND	ND	ND	ND	ND	1
28a-0126	170127-117	ND	ND	ND	ND	ND	ND	ND	ND	1
31-0126	170127-120	ND	ND	ND	ND	ND	ND	ND	ND	1
34-0126	170127-123	ND	ND	ND	ND	ND	ND	ND	ND	1
35-0126	170127-124	ND	ND	ND	ND	ND	ND	ND	ND	1
38-0126	170127-127	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

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
^ = Actual detection limit raised due to matrix interference
*** = 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: 2/1-2/2017

Unit: mg/Kg(PPM)

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

Spiked Sample Lab I.D.: 170127-36~38 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
PCB (1016+1260)	0.000	0.100	0.092	**92%**	0.100	**100%**	**8%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.099	**99%**	**75-125**

Surrogate Recovery	ACP%	ACP%	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	170127-36~38	170127-91	170127-92	170127-95	170127-98	170127-101
Tetra-chloro-meta-xylene	50-150	117%	117%	110%	121%	121%	112%	127%
Decachlorobipneyl	50-150	69%	72%	67%	76%	94%	70%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170127-104	170127-107	170127-110	170127-113	170127-116	170127-117	170127-120	170127-123
Tetra-chloro-meta-xylene	134%	134%	125%	134%	105%	116%	103%	116%
Decachlorobipneyl	84%	85%	75%	76%	68%	100%	68%	72%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	170127-124	170127-127	170127-130	170127-131	170127-134	170127-137
Tetra-chloro-meta-xylene	115%	123%	104%	109%	127%	111%
Decachlorobipneyl	74%	76%	68%	70%	78%	74%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

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

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

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

Misc./PO# SMSP-16-6514.1

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	EPA method 8260B	Analysis Required	COMMENTS
1-0126	170127-P1	1/26/17	1708	Bulk	40z jar		ice	X		
2-0126	-P2		1715					X		
3-0126	-P3		1720					X		archive
4-0126	-P4		1724					X		archive
5-0126	-P5		1730					X		
6-0126	-P6		1734					X		archive
7-0126	-P7		1737					X		archive
8-0126	-P8		1740					X		
9-0126	-P9		1743					X		archive
10-0126	-100		1746					X		archive
11-0126	-101		1810					X		
12-0126	-102		1813					X		archive
13-0126	-103		1822					X		archive
14-0126	-104		1825					X		
15-0126	-105		1827					X		archive

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-499-5777
Fax:

Sampler's Signature: 1/25/17 2300
Project Name/ID: Webster Additional Step-out Sampling

Relinquished by:	1-25-17 2300	Received by:	Date & Time:
Relinquished by:	0800 1/27/17	Received by:	1/27/17 0800
Relinquished by:		Received by:	1/27/17 1200

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE - YELLOW TO CLIENT

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:

Misc./PO# SMSD-16-6514.1

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	CPT methane 8082 PCB	Analysis Required	COMMENTS
16 - 0126	17012 7-106	1/26/17	1831	Bulk			ICE	X		archive
17 - 0126	-107		1843					X		
18 - 0126	-108		1845					X		archive
19 - 0126	-109		1848					X		archive
20 - 0126	-110		1851					X		
22 - 0126	-111		1853					X		archive
23 - 0126	-112		1857					X		archive
24 - 0126	-113		1902					X		
25 - 0126	-114		1907					X		archive
26 - 0126	-115		1910					X		archive
27 - 0126	-116		1912					X		
28a - 0126	-117		1915					X		
29 - 0126	-118		1921					X		archive
30 - 0126	-119		1924					X		archive
31 - 0126	-120		1935					X		

Company Name: Alta Environmental
Address: 3777 Long Beach blvd Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Ruvalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature: 1/25/17 230C
Project Name/ID: Webster Additional Step-out Sampling

Relinquished by: 1-25-17 2300
Relinquished by: 0800 1/27/17
Relinquished by:

Received by: 2300 1/26/17
Received by:
Received by:

Date & Time: 1/27/17 0800
Date & Time: 1/27/17 1200

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE - YELLOW TO CLIENT

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:

Misc./PO# KMSD-16 - 6574.1

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required	COMMENTS
32 -0126	170127-121	1/26/17	1939	Bolk			ICE	X	archive
33 -0126	-122		1942					X	archive
34 -0126	-123		1947					X	
35 -0126	-124		1951					X	
36 -0126	-125		1953					X	archive
37 -0126	-126		1957					X	archive
38 -0126	-127		2000					X	
40 -0126	-128		2007					X	archive
41 -0126	-129		2011					X	archive

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Rubalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature: 1/25/17 2300
Project Name/ID: Webster Additional step out sampling

Relinquished by: 1-25-17 2300
Relinquished by: 0800 1/27/17
Relinquished by:

Received by: 2300 1/26
Received by:
Received by:

Date & Time: 1/27/17 1015
Date & Time: 1/27/17 1200

Instructions for Sample Storage After Analysis
O Dispose of O Return to Client O Store (30 Days)
O Other

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE - YELLOW TO CLIENT

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	CP4 method PAH 8082 methods TR	Misc./PO#	COMMENTS
1-0126	170127-P1	1/26/17	1708	Bulk	40z jar		ice	X		
2-0126	-P2		1715					X		
3-0126	-P3		1720					X		archive
4-0126	-P4		1724					X		archive
5-0126	-P5		1730					X		
6-0126	-P6		1734					X		archive
7-0126	-P7		1737					X		archive
8-0126	-P8		1740					X		
9-0126	-PP		1743					X		archive
10-0126	-100		1746					X		archive
11-0126	-101		1810					X		
12-0126	-102		1813					X		archive
13-0126	-103		1822					X		archive
14-0126	-104		1825					X		
15-0126	-105		1827					X		archive

Analysis Required

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Rovalcaba
Tel: 562-499-5777
Fax:

Sampler's Signature: 1/25/17 2300
Project Name/ID:

Relinquished by: 1-25-17 2300
Relinquished by: 0800 1/27/17
Relinquished by:

Received by: 2300 1/26/17
Received by:
Received by:

Date & Time: 1/27/17 1050
Date & Time: 1/27/17 1700

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE • YELLOW TO CLIENT

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	EPA method 8082 PCB	COMMENTS
16-0126	17027-106	1/26/17	1831	Bulk			ice	X	archive
17-0126	-107		1843					X	
18-0126	-108		1845					X	archive
19-0126	-109		1848					X	archive
20-0126	-110		1851					X	
22-0126	-111		1853					X	archive
23-0126	-112		1857					X	archive
24-0126	-113		1902					X	
25-0126	-114		1907					X	archive
26-0126	-115		1910					X	archive
27-0126	-116		1912					X	
28a-0126	-117		1915					X	
29-0126	-118		1921					X	archive
30-0126	-119		1924					X	archive
31-0126	-120		1935					X	

Analysis Required

Misc./PO#

Company Name: Alta Environmental
Address: 3777 Long Beach blvd Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Rivalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature: [redacted] 1/25/17 2300
Project Name/ID:

Relinquished by: [redacted] 1-25-17 2300
Relinquished by: [redacted] 0800 1/27/17
Relinquished by:

Received by: [redacted] 2300 1/26/17
Received by:
Received by:

Date & Time:
Date & Time: 1/27/17 1055
Date & Time: 1/27/17 1200

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE • YELLOW TO CLIENT

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	EPA methods 8260B 8270C PCB									Misc./PO#
				Analysis Required													COMMENTS
32-0126	170127-121	1/26/17	1939	Bulk			ice	x									archive
33-0126	-122		1942					x									archive
34-0126	-123		1947					x									
35-0126	-124		1951					x									
36-0126	-125		1953					x									archive
37-0126	-126		1957					x									archive
38-0126	-127		2000					x									
40-0126	-128		2007					x									archive
41-0126	-129		2011					x									archive

Company Name: Alta Environmental
Address: 3777 Long Beach Blvd, Annex bldg
City/State/Zip: Long Beach, CA 90807

Project Contact: Cesar Rivalcaba
Tel: 562-495-5777
Fax:

Sampler's Signature: 1/25/17 2300
Project Name/ID:

Relinquished by: 1-25-17 2300
Relinquished by: 0800 1/27/17
Relinquished by:

Received by: 2300 1/26/17
Received by:
Received by:

Date & Time: 1/27/17 0930
Date & Time: 1/27/17 1200

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE • YELLOW TO CLIENT

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **CESAR RUVALCABA**
Alta Environmental
3777 Long Beach Blvd
Annex Building
Long Beach, CA 90807
Phone: (562) 495-5777
Fax:

2/2/2017

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/30/2017. The results are tabulated on the attached data pages for the following client designated project:

Window and Doors Replacement Project at Webster ES

The reference number for these samples is EMSL Order #011700785. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 187

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011700785
CustomerID: ALTA34
CustomerPO: SMSD-16-6514
ProjectID:

Attn: **CESAR RUVALCABA**
Alta Environmental
3777 Long Beach Blvd
Annex Building
Long Beach, CA 90807

Phone: (562) 495-5777
Fax:
Received: 01/30/17 8:45 AM

Project: **Window and Doors Replacement Project at Webster ES**

Analytical Results

Client Sample Description 19-0119 ***Collected:*** 1/19/2017 ***Lab ID:*** *0001*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH

Client Sample Description 22-0125 ***Collected:*** 1/25/2017 ***Lab ID:*** *0002*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH

Client Sample Description 34-0125 ***Collected:*** 1/28/2017 ***Lab ID:*** *0003*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.98	mg/Kg	1/31/2017	SD	2/1/2017	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011700785
CustomerID: ALTA34
CustomerPO: SMSD-16-6514
ProjectID:

Attn: **CESAR RUVALCABA**
Alta Environmental
3777 Long Beach Blvd
Annex Building
Long Beach, CA 90807

Phone: (562) 495-5777
Fax:
Received: 01/30/17 8:45 AM

Project: **Window and Doors Replacement Project at Webster ES**

Analytical Results

Client Sample Description 21-0126 ***Collected:*** 1/26/2017 ***Lab ID:*** *0004*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH

Client Sample Description 28b-0126 ***Collected:*** 1/26/2017 ***Lab ID:*** *0005*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.93	mg/Kg	1/31/2017	SD	2/1/2017	EH

Client Sample Description 38-0126 ***Collected:*** 1/26/2017 ***Lab ID:*** *0006*

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
3540C/8082A	Aroclor-1016	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1221	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1232	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1242	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1248	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1254	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1260	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1262	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH
3540C/8082A	Aroclor-1268	ND	0.96	mg/Kg	1/31/2017	SD	2/1/2017	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	011700785
CustomerID:	ALTA34
CustomerPO:	SMSD-16-6514
ProjectID:	

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)

Environmental Chemistry Chain of Custody

EMSL Order Number (*Lab Use Only*): 011700785

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

OrderID: 011700785

Report To Contact Name: Cesar Ruvalcaba			**Bill To Company:** Same
Company Name: Alta Environmental			**Attention To:**
Street: 3777 Long Beach Boulevard, Annex Building			**Street:**
City: Long Beach	**State/Province:**	**Zip/Postal Code:**	**City:** **State/Province:** **Zip/Postal Code:**
Phone : 562-495-5777	**Fax :**		**Phone:** **Fax:**
Project Name: Window and doors replacement project at Webster ES		**Email Results To:** Cesar.ruvalcaba@altaenviron.com	**U.S. State where Samples Collected:** CA
Number of Samples in Shipment: 7	**Date of Shipment:** 01/19-01/26/16	**Purchase Order:** SMSD-16-6514	**Sampled By (Signature):**
Standard Turnaround Time: ☐ 2 Weeks	**The following TAT's are subject to lab approval:** ☒ 1 Week ☐ 4 Days ☐ 3 Days ☒ 2 Days ☐ 1 Day		

	Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed							
	Client Sample ID	**Comp**	**Grab**	**Date/Time**	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	EPA method 8082 (PCBs)							**Comments**
1	19-0119	X		01/19/17 1915	O	4	X							
2	22-0125	X		012617 1800	O	4	X							
3	34-0125	X		012617 1905	O	4	X							
4	21-0126	X		012617 1851	O	4	X							
5	28b-0126	X		012617 1915	O	4	X							
6	38-0126	X		012617 2000	O	4	X							

Released By (Signature)	**Date & Time**	**Received By**	**Date & Time**
	01/27/17 0945	4	1/30/17 0845

Please indicate reporting requirements: ☐ Results Only ☒ Results and QC ☐ Reduced Deliverables ☐ Disk Deliverable ☐ Other _____

Instructions or Comments:
Sample 7 aqueous sample, emailed client about 1L requirement for aqueous PCB analysis MG 1/30 & to confirm turn around time.

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Environmental Chemistry Chain of Custody

EMSL Order Number (*Lab Use Only*):

011700785

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Failure to complete will hinder processing of samples				Matrix	Preservative	List Test(s) Needed								
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	EPA method 8082 (PCBs)								Comments
7 42-0126	X		01/26/17	O	4	X								

Appendix C

Sample Location Maps

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
G.05	EXISTING WINDOW TO REMAIN.
G.07	WOODEN TRIM TO REMAIN.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.

2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.

3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.

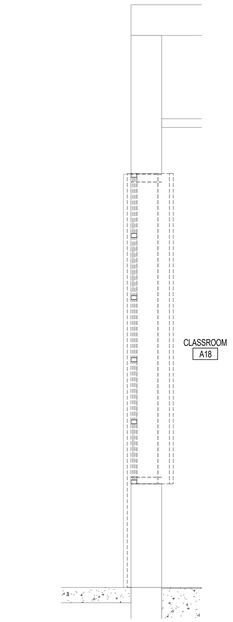
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.

5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.

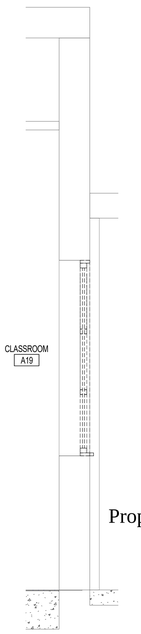
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

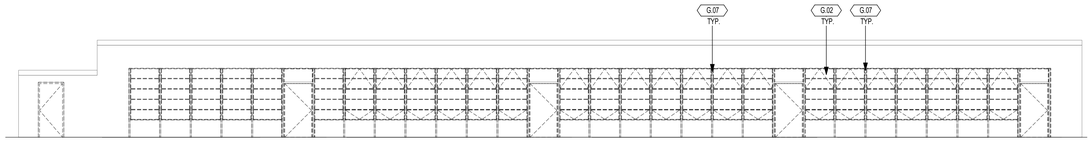
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



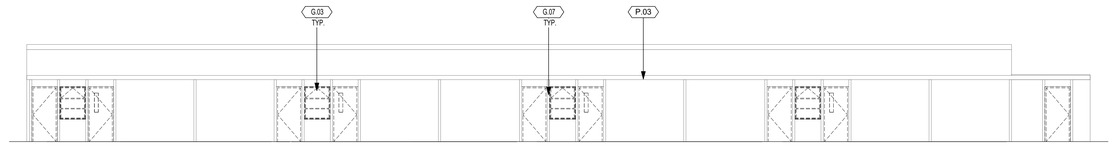
5 DEMOLITION WALL SECTION - BUILDING A - NORTH
3/4" = 1'-0"



4 DEMOLITION WALL SECTION - BUILDING A - SOUTH
3/4" = 1'-0"



3 DEMO EXTERIOR ELEVATION - BUILDING A - NORTH
1/8" = 1'-0"

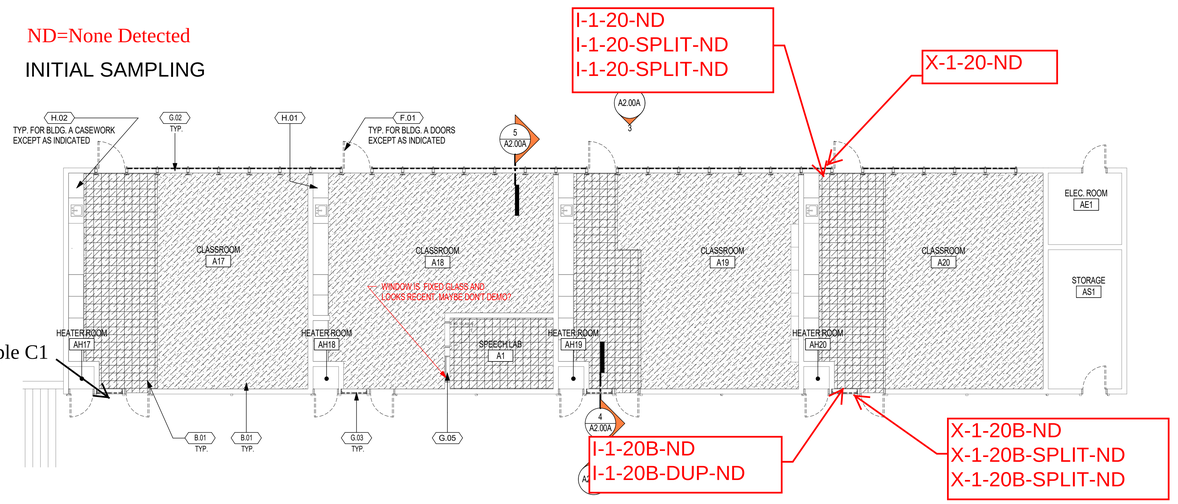


2 DEMO EXTERIOR ELEVATION - BUILDING A - SOUTH
1/8" = 1'-0"

ND=None Detected

INITIAL SAMPLING

Proposed sample C1



1 DEMO FLOOR PLAN - BUILDING A
1/8" = 1'-0"

N

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2828 4th Street, Santa Monica, CA 90405
310.399.5865

dsk architects
1539 Sawtelle Blvd, Suite 14, Los Angeles, CA 90025
310.254.2263
926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

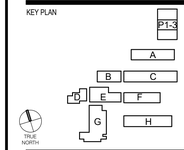
FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG A

DSK JOB NO: 16010

SHEET NUMBER
A2.00A

DRAFTER: JH PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

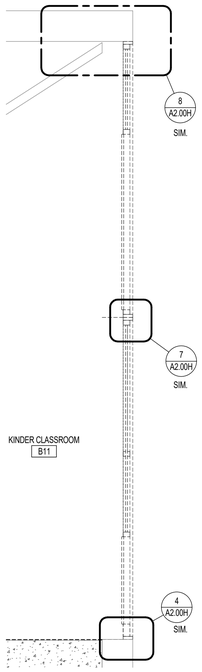
B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

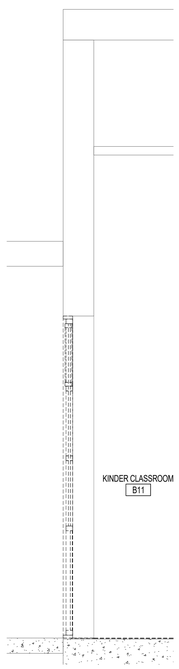
1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.
3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.
5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

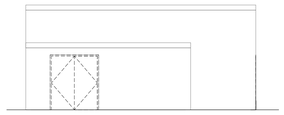
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



7 DEMOLITION WALL SECTION - BUILDING B - NORTH
3/4" = 1'-0"

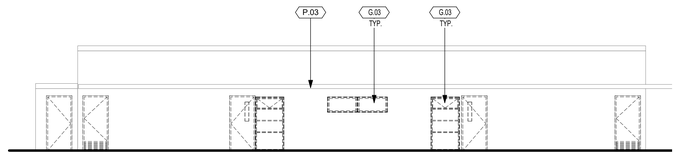


6 EXISTING WALL SECTION - BUILDING B - SOUTH
3/4" = 1'-0"



4 DEMO EXTERIOR ELEVATION - BUILDING B - WEST
1/8" = 1'-0"

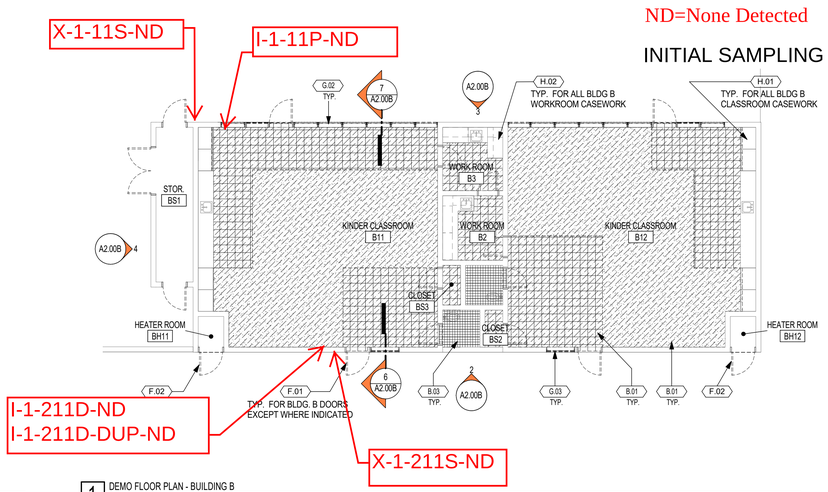
3 DEMO EXTERIOR ELEVATION - BUILDING B - NORTH
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING B - SOUTH
1/8" = 1'-0"

ND=None Detected

INITIAL SAMPLING



1 DEMO FLOOR PLAN - BUILDING B
1/8" = 1'-0"

N

SMMUSD
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
2828 4th Street, Santa Monica, CA 90405
310.399.5865

dsk architects
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CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
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ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG B

DSK JOB NO: 16010

SHEET NUMBER
A2.00B

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
M.03	REMOVE DRINKING FOUNTAIN AND METAL RAIL. PATCH WALL FINISH AS NEEDED AND PREPARE FOR NEW.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.
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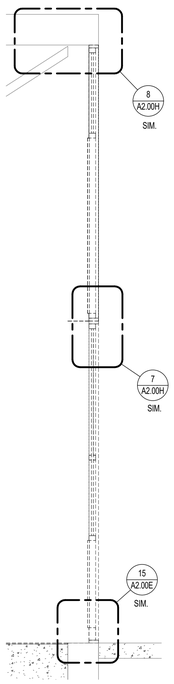
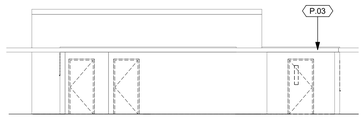
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

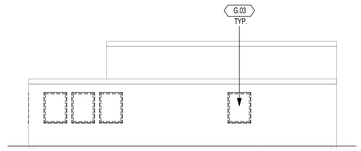
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



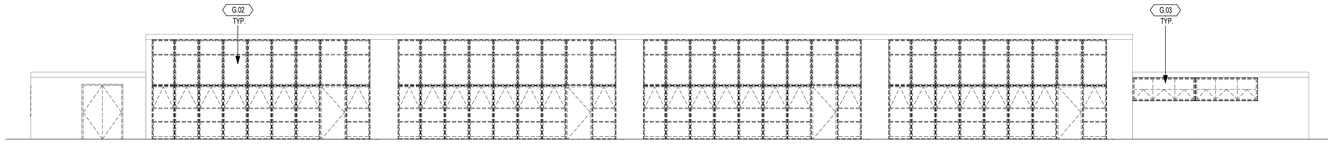
8 DEMOLITION WALL SECTION - BUILDING C - NORTH
3/4" = 1'-0"



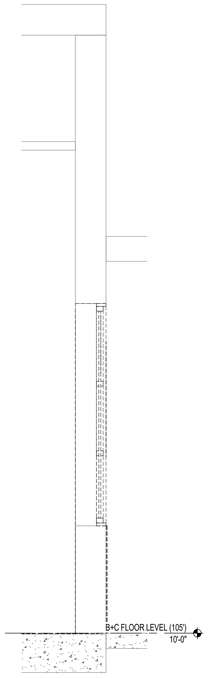
4 DEMO EXTERIOR ELEVATION - BUILDING C TOILETS - WEST
1/8" = 1'-0"



6 DEMO EXTERIOR ELEVATION - BUILDING C - (EAST)
1/8" = 1'-0"

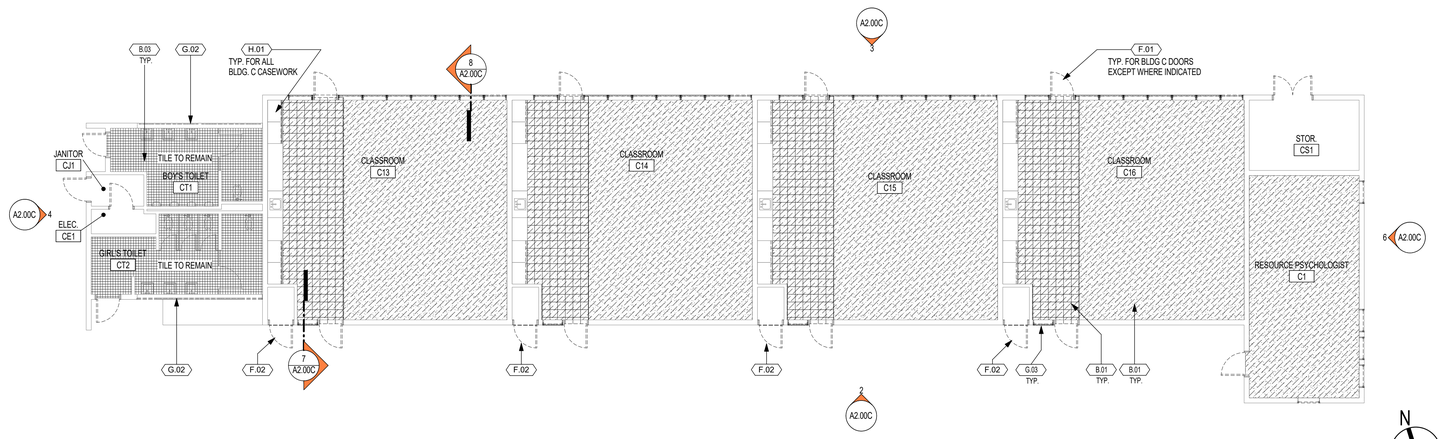


3 DEMO EXTERIOR ELEVATION - BUILDING C - NORTH
1/8" = 1'-0"



7 DEMOLITION WALL SECTION - BUILDING C - SOUTH
3/4" = 1'-0"

2 DEMO EXTERIOR ELEVATION - BUILDING C - SOUTH
1/8" = 1'-0"



1 DEMO FLOOR PLAN - BUILDING C
1/8" = 1'-0"

SMMUSD
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CONSULTANT

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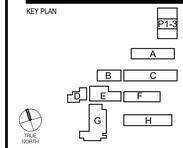
ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN


PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG C

DSK JOB NO: 16010

SHEET NUMBER
A2.00C

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

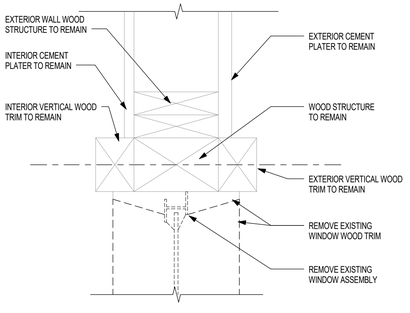
KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
B.04	REMOVE TILE DOWN TO CONCRETE AND ABATE.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.04	PREPARE PREVIOUSLY PAINTED CLOSET DOOR TO RECEIVE NEW PAINT INSIDE AND OUT. SEE ELEVATIONS AND SPECS.
G.03	REMOVE EXISTING WINDOW
G.04	REMOVE EXISTING WINDOW AND PREPARE TO INFILL ROUGH OPENING.
G.06	REMOVE EXISTING EXTERIOR SUNSHADE SYSTEM.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.
P.03	EXISTING WALKWAY COVER TO REMAIN.

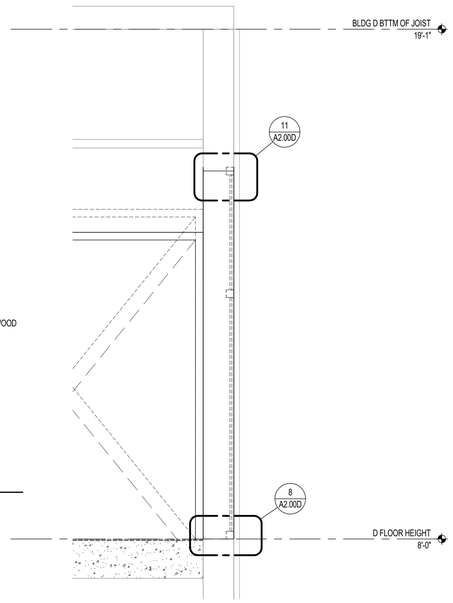
DEMOLITION GENERAL NOTES

LEGEND

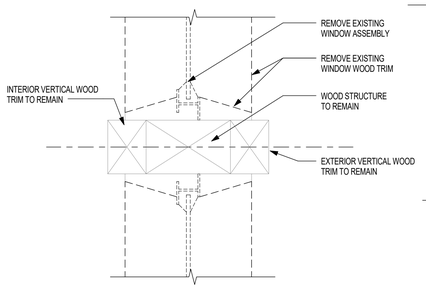
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



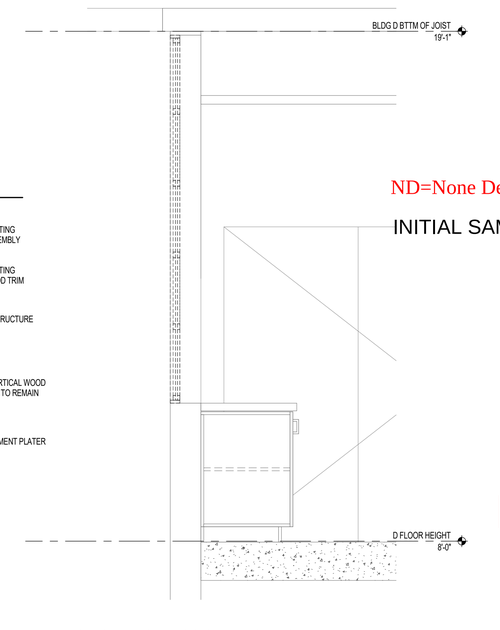
10 DEMOLITION JAMB WINDOW DETAIL - BLDG D
3" = 1'-0"



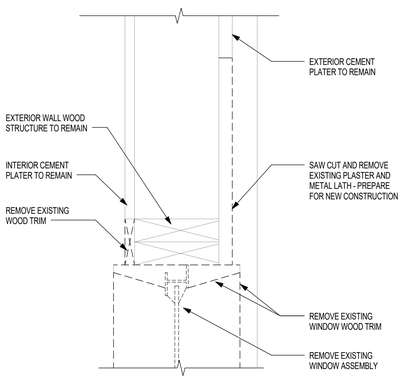
6 DEMOLITION WALL SECTION - BUILDING D - SOUTH
3/4" = 1'-0"



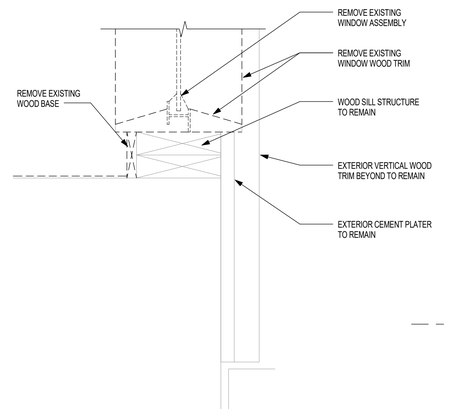
9 DEMOLITION MULLION WINDOW DETAIL - BLDG D
3" = 1'-0"



7 DEMOLITION WALL SECTION - BUILDING D - WEST
3/4" = 1'-0"



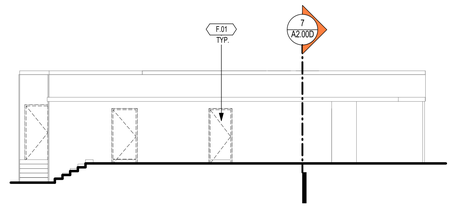
11 DEMOLITION HEAD WINDOW DETAIL - BLDG D
3" = 1'-0"



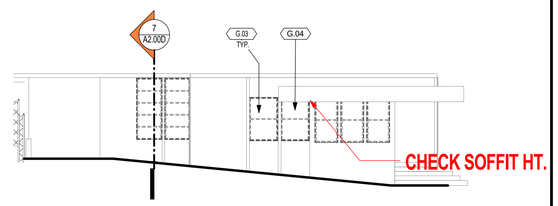
8 DEMOLITION SILL WINDOW DETAIL - BLDG D
3" = 1'-0"

ND=None Detected

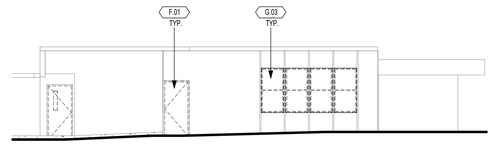
INITIAL SAMPLING



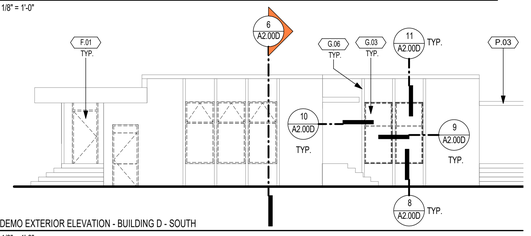
5 DEMO EXTERIOR ELEVATION - BUILDING D - EAST
1/8" = 1'-0"



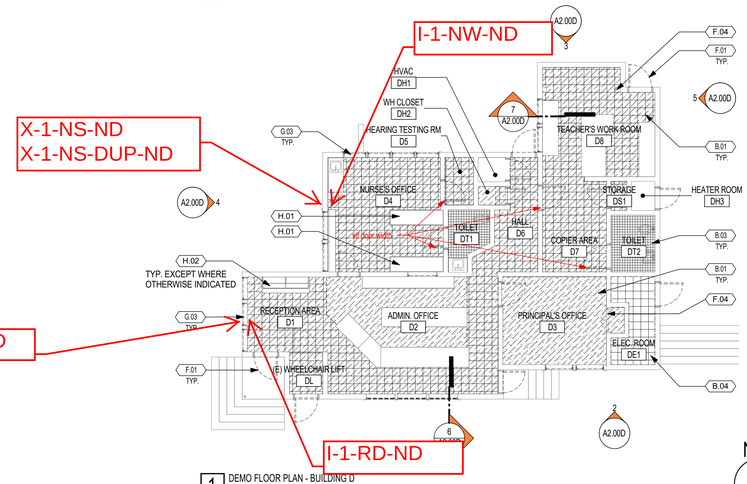
4 DEMO EXTERIOR ELEVATION - BUILDING D - WEST
1/8" = 1'-0"



3 DEMO EXTERIOR ELEVATION - BUILDING D - NORTH
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING D - SOUTH
1/8" = 1'-0"



1 DEMO FLOOR PLAN - BUILDING D
1/8" = 1'-0"

SMMUSD
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
2828 4th Street, Santa Monica, CA 90405
310.399.5985

dsk architects
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926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____ FLS_____ SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG D

DSK JOB NO: 16010

SHEET NUMBER
A2.00D

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.05	CARPET TO REMAIN.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
G.07	WOODEN TRIM TO REMAIN.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.

2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.

3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.

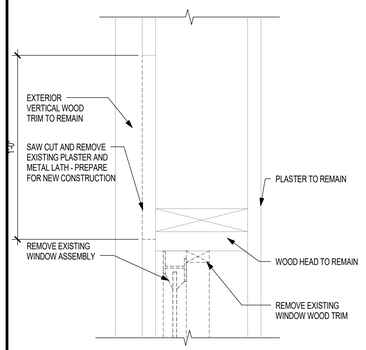
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.

5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.

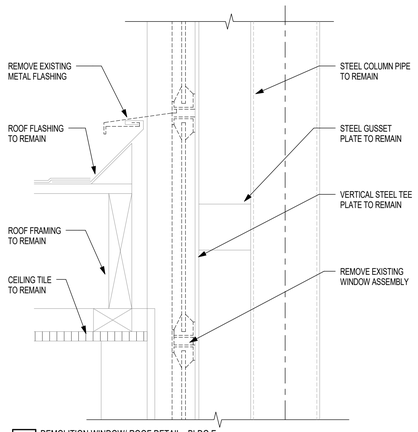
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

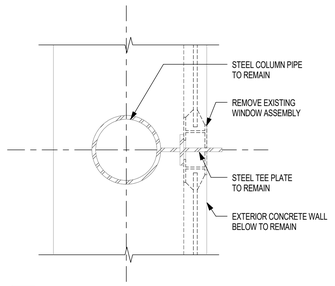
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING ROOF TO BE REMOVED
- WINDOW TO BE REMOVED



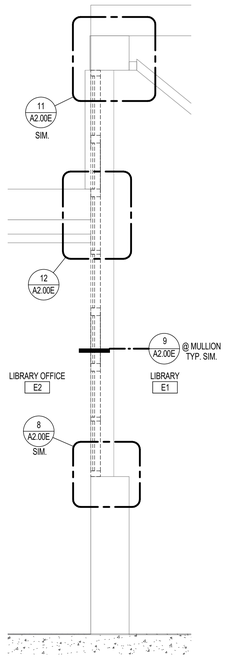
16 DEMOLITION HEAD WINDOW DTL - BLDG E
3" = 1'-0"

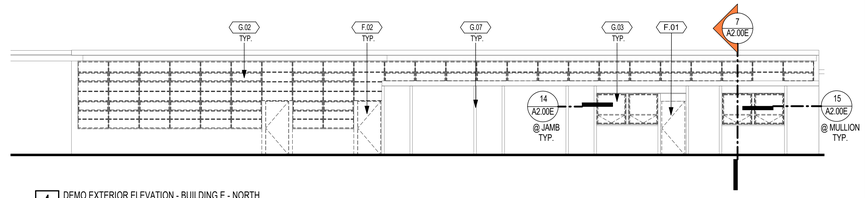


12 DEMOLITION WINDOW/ ROOF DETAIL - BLDG E
3" = 1'-0"

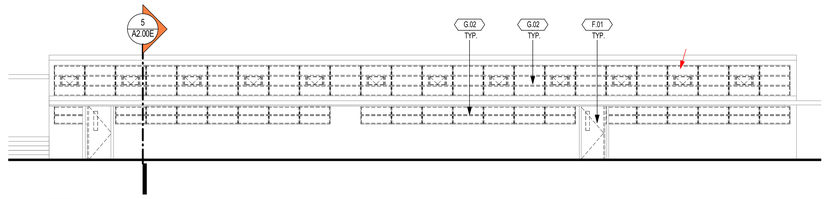


9 DEMOLITION MULLION WINDOW DETAIL - BLDG E
3" = 1'-0"

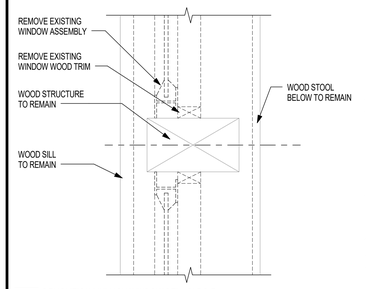




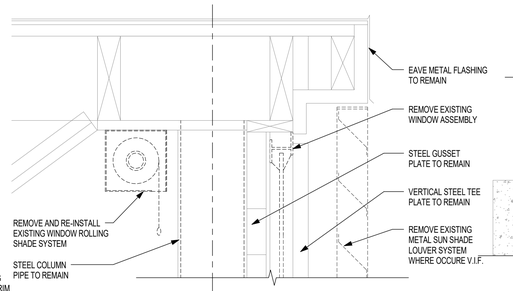
4 DEMO EXTERIOR ELEVATION - BUILDING E - NORTH
1/8" = 1'-0"



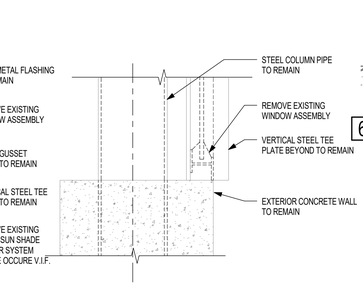
3 DEMO EXTERIOR ELEVATION - BUILDING E - SOUTH
1/8" = 1'-0"



15 DEMOLITION MULLION WINDOW DTL - BLDG E
3" = 1'-0"

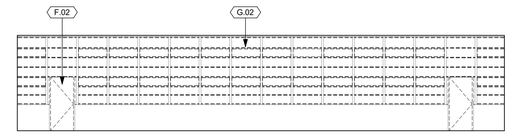


11 DEMOLITION HEAD WINDOW DETAIL - BLDG E
3" = 1'-0"

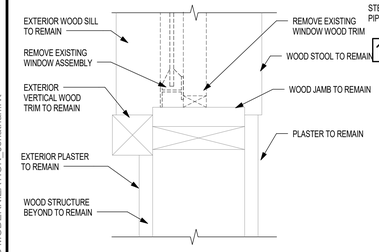


8 DEMOLITION SILL WINDOW DETAIL - BLDG E
3" = 1'-0"

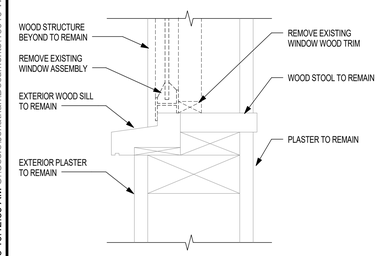
6 DEMOLITION WALL SECTION - LIBRARY NORTH WALL
3/4" = 1'-0"



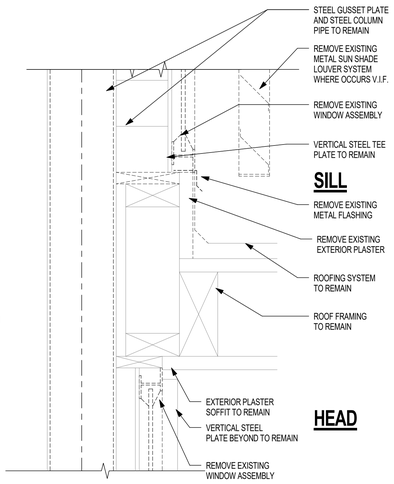
2 DEMO INTERIOR ELEVATION - BLDG E - LIBRARY - NORTH
1/8" = 1'-0"



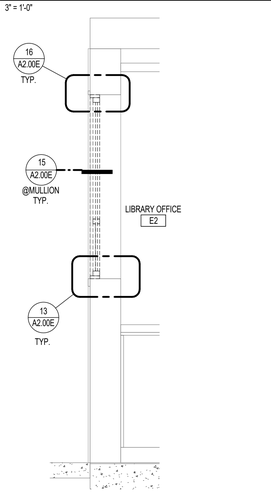
14 DEMOLITION JAMB WINDOW DTL - BLDG E
3" = 1'-0"



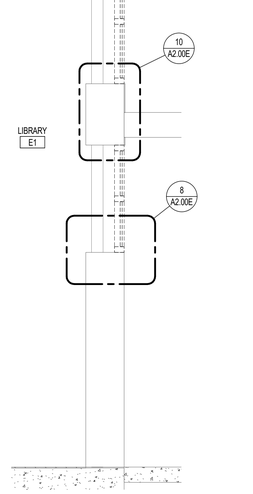
13 DEMOLITION SILL WINDOW DTL - BLDG E
3" = 1'-0"



10 DEMOLITION HEAD/SILL WINDOW DETAIL - BLDG E
3" = 1'-0"



7 EXISTING SECTION - BULDING E WALL - NORTH
3/4" = 1'-0"

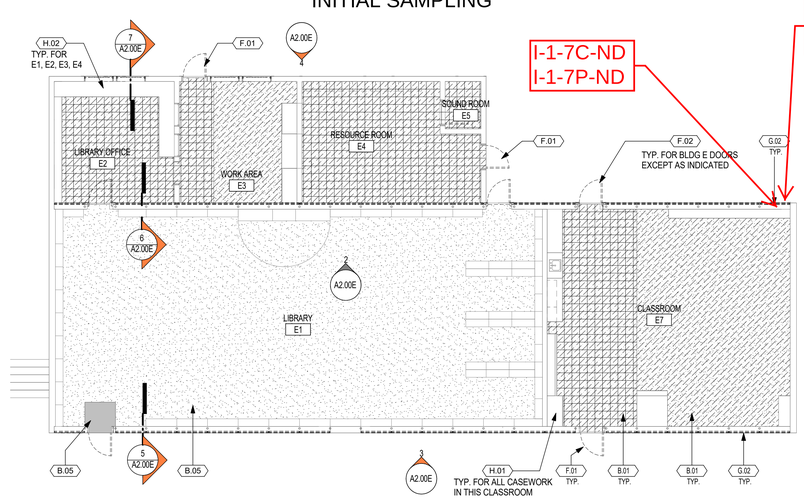


5 DEMOLITION WALL SECTION - BUILDING E - SOUTH
3/4" = 1'-0"

ND=None Detected

INITIAL SAMPLING

X-1-7S-ND
X-1-7C-ND
I-1-7C-ND
I-1-7P-ND



1 DEMO FLOOR PLAN - BUILDING E
1/8" = 1'-0"

SMMUSD
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
2828 4th Street, Santa Monica, CA 90405
310.399.5965

dsk architects
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310.254.2263
926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

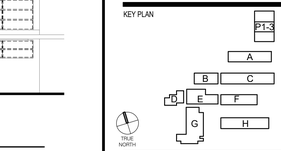
FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, BLDG ELEVATIONS, SECTIONS & DETAILS - BLDG E

DSK JOB NO: 16010

SHEET NUMBER
A2.00E

DRAFTER: JH PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

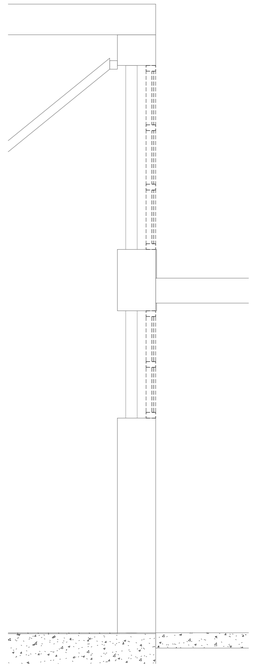
B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
M.03	REMOVE DRINKING FOUNTAIN AND METAL RAIL. PATCH WALL FINISH AS NEEDED AND PREPARE FOR NEW.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

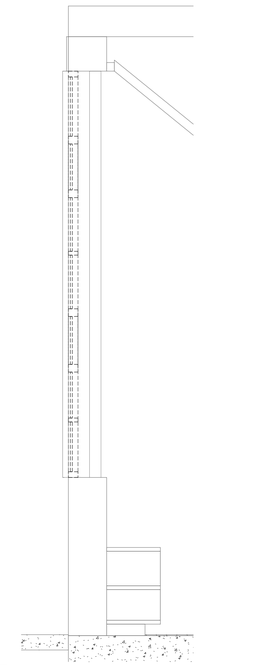
1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.
3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.
5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

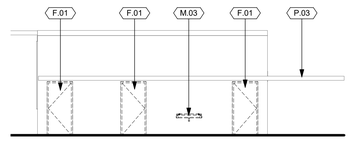
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE



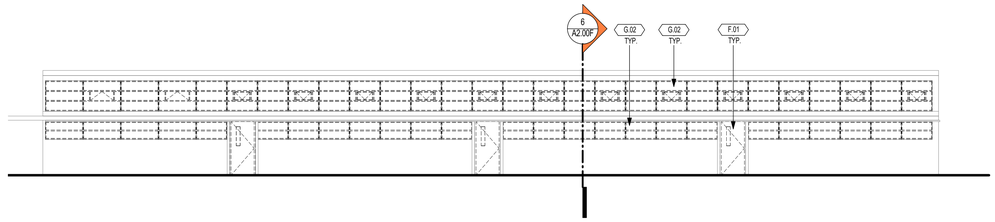
6 DEMOLITION WALL SECTION - BUILDING F - SOUTH
3/4" = 1'-0"



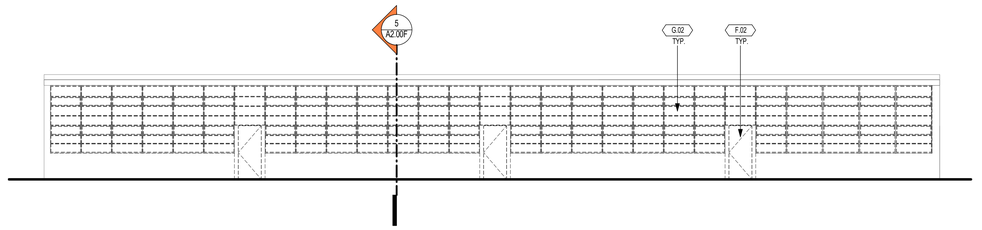
5 DEMOLITION WALL SECTION - BUILDING F - NORTH
3/4" = 1'-0"



4 DEMO EXTERIOR ELEVATION - BUILDING F - WEST
1/8" = 1'-0"

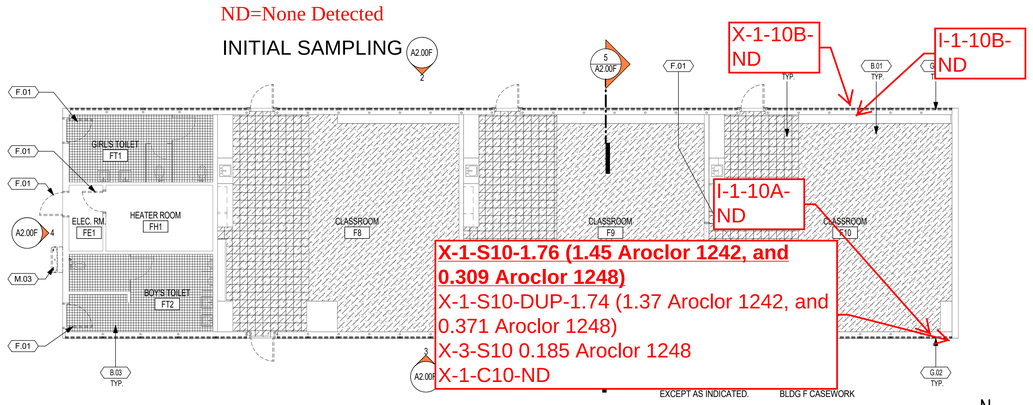


3 DEMO EXTERIOR ELEVATION - BUILDING F - SOUTH
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING F - NORTH
1/8" = 1'-0"

ND=None Detected



1 DEMO FLOOR PLAN - BUILDING F
1/8" = 1'-0"

SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
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926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
EXISTING WINDOW TO BE REMOVED

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
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ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG F

DSK JOB NO: 16010

SHEET NUMBER
A2.00F

DRAFTER: RD PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
B.04	REMOVE TILE DOWN TO CONCRETE AND ABATE.
B.06	WOOD FLOORING TO REMAIN. PREPARE SURFACE FOR REFINISHING.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.04	PREPARE PREVIOUSLY PAINTED CLOSET DOOR TO RECEIVE NEW PAINT INSIDE AND OUT. SEE ELEVATIONS AND SPECS.
F.05	EXISTING DOOR TO REMAIN. PROTECT IN PLACE.
G.01	EXISTING WINDOW SYSTEM TO REMAIN.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
P.03	EXISTING WALKWAY COVER TO REMAIN.

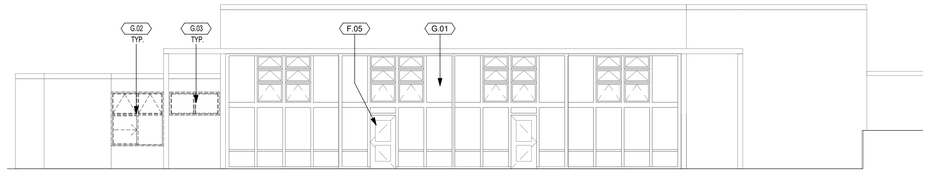
DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.
3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.
5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

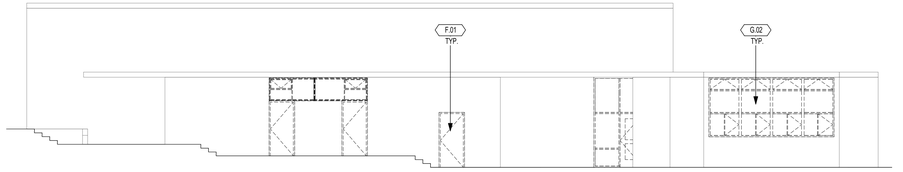
LEGEND

- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED

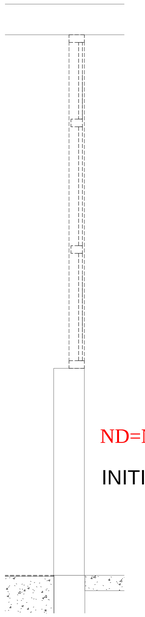
MURAL WILL BE DAMAGED BY DOOR AND WINDOW REPLACEMENT. REMOVE?



3 DEMO EXTERIOR ELEVATION - BUILDING G - EAST
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING G - WEST
1/8" = 1'-0"

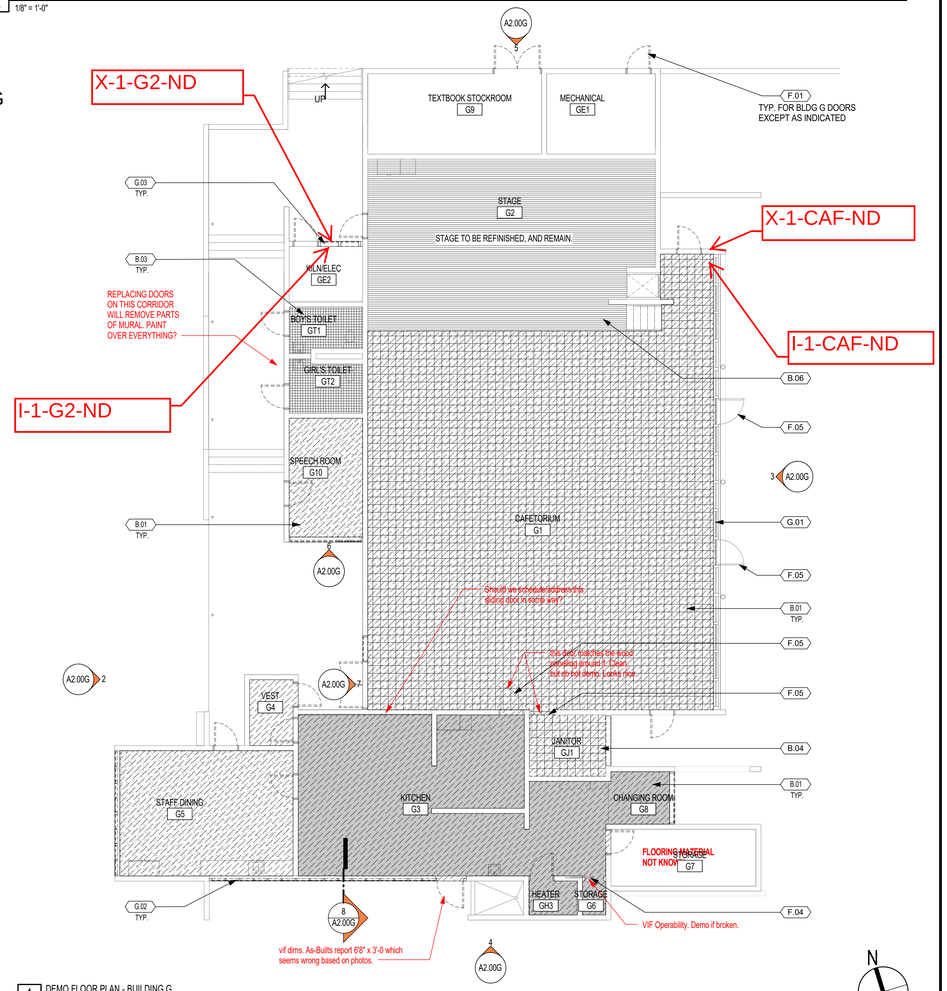


8 DEMOLITION WALL SECTION - BUILDING G - SOUTH
3/4" = 1'-0"

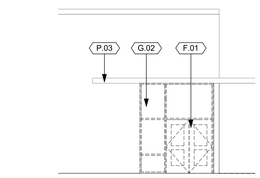
ND=None Detected

INITIAL SAMPLING

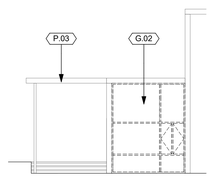
X-1-G2-ND



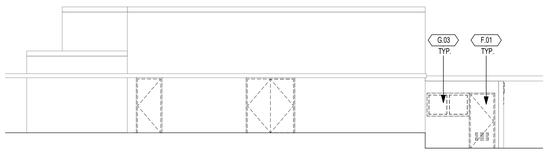
1 DEMO FLOOR PLAN - BUILDING G
1/8" = 1'-0"



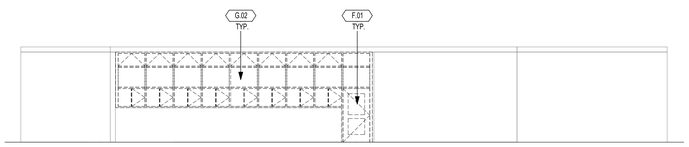
7 DEMO PARTIAL EXTERIOR ELEVATION - BUILDING G - WEST ENTRY
1/8" = 1'-0"



6 DEMO PARTIAL EXTERIOR ELEVATION - BUILDING G - SPEECH RM WINDOW
1/8" = 1'-0"



5 DEMO EXTERIOR ELEVATION - BUILDING G - NORTH
1/8" = 1'-0"



4 DEMO EXTERIOR ELEVATION - BUILDING G - SOUTH
1/8" = 1'-0"

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2828 4th Street, Santa Monica, CA 90405
310.399.5955

dsk architects
1539 Sawtelle Blvd, Suite 14, Los Angeles, CA 90025
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415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____ FLS_____ SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN
P1-3, A, B, C, D, E, F, G, H
TRUE NORTH

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG G

DSK JOB NO: 16010

SHEET NUMBER
A2.00G

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
M.03	REMOVE DRINKING FOUNTAIN AND METAL RAIL. PATCH WALL FINISH AS NEEDED AND PREPARE FOR NEW.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.

2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.

3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.

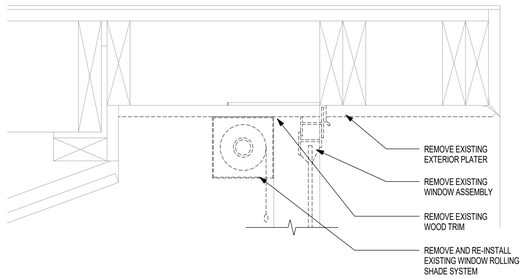
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.

5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.

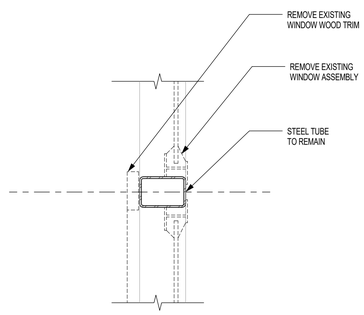
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

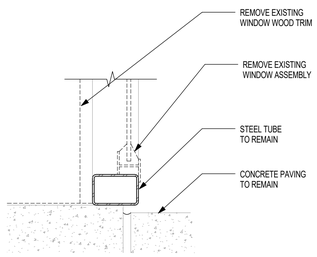
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE



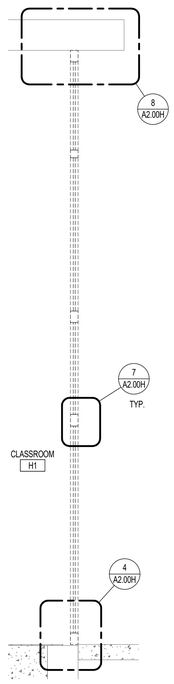
8 DEMOLITION HEAD WINDOW DETAIL
3" = 1'-0"



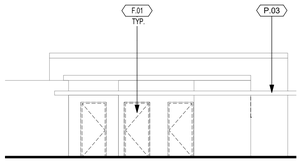
7 DEMOLITION MULLION WINDOW DETAIL
3" = 1'-0"



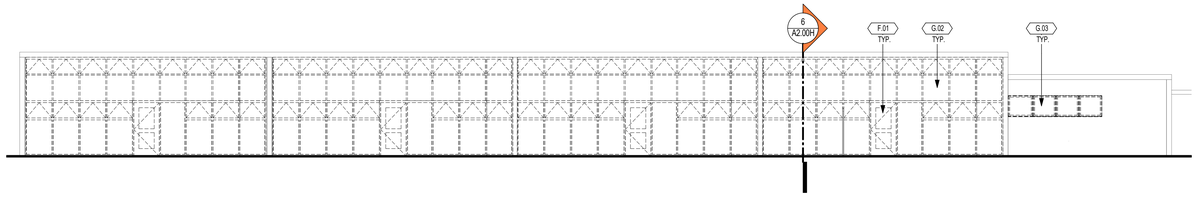
4 DEMOLITION SILL WINDOW DETAIL
3" = 1'-0"



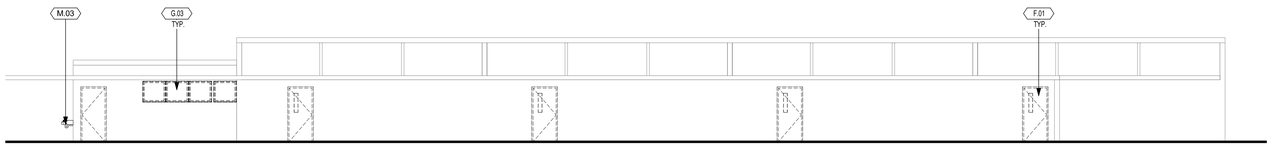
6 DEMOLITION WALL SECTION - BUILDING H - NORTH
3/4" = 1'-0"



5 DEMO PARTIAL EXTERIOR ELEVATION - BUILDING H - WEST
1/8" = 1'-0"



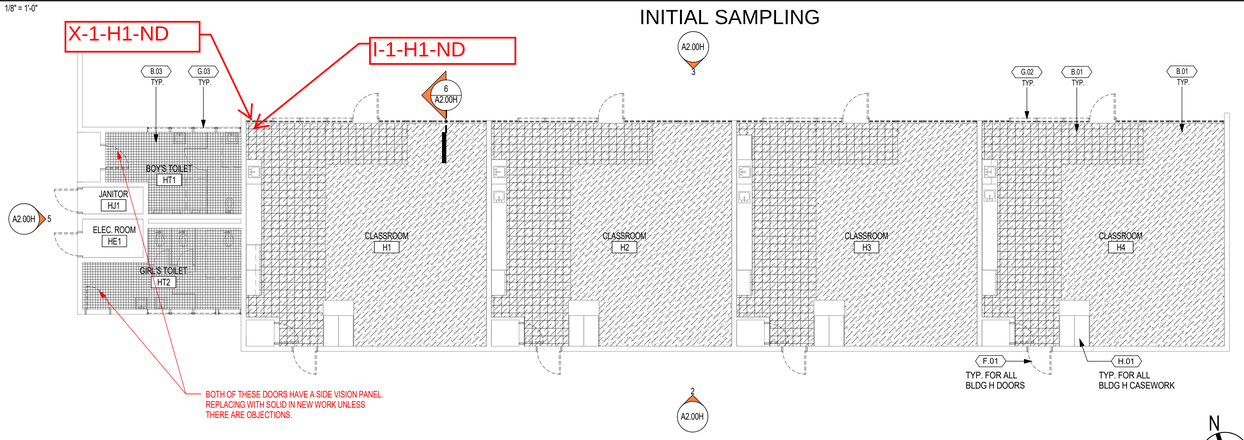
3 DEMO EXTERIOR ELEVATION - BUILDING H - NORTH
1/8" = 1'-0"



ND=None Detected

INITIAL SAMPLING

2 DEMO EXTERIOR ELEVATION - BUILDING H - SOUTH
1/8" = 1'-0"



1 DEMO FLOOR PLAN - BUILDING H
1/8" = 1'-0"

N

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CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

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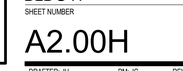
OSHPD PROJECT NO: XXXX

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG H

DSK JOB NO: 16010

SHEET NUMBER
A2.00H

DRAFTER: JH PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.

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LEGEND

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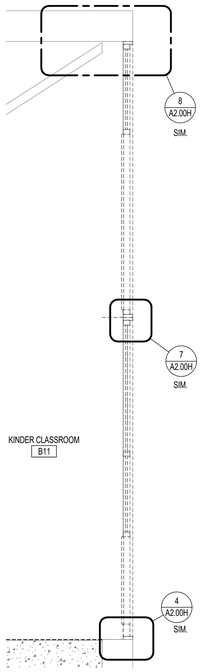
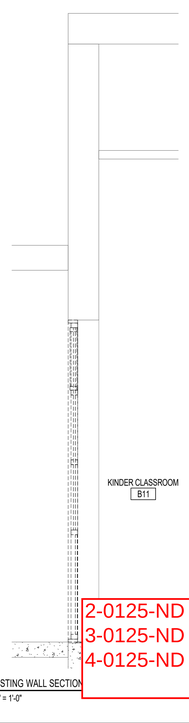
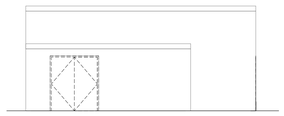
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



7 DEMOLITION WALL SECTION - BUILDING B - NORTH
3/4" = 1'-0"

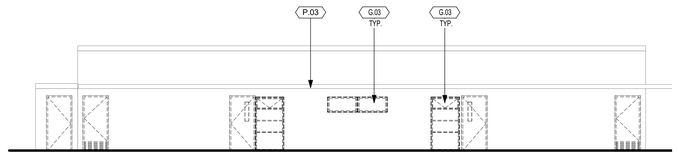


6 EXISTING WALL SECTION
3/4" = 1'-0"



4 DEMO EXTERIOR ELEVATION - BUILDING B - WEST
1/8" = 1'-0"

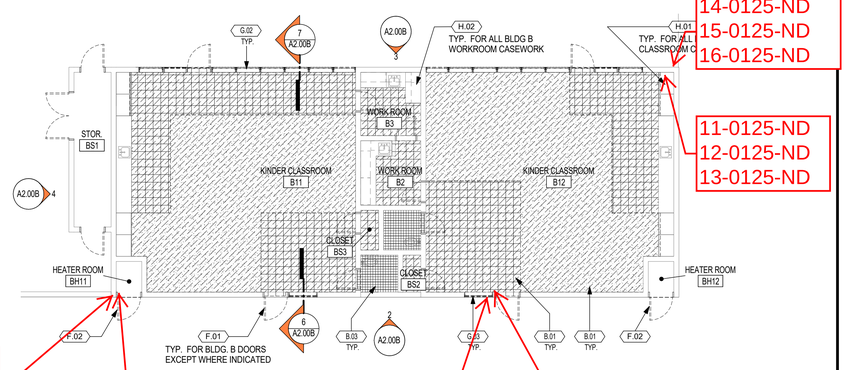
3 DEMO EXTERIOR ELEVATION - BUILDING B - NORTH
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING B - SOUTH
1/8" = 1'-0"

ADDITIONAL SAMPLING

ND=None Detected



14-0125-ND
15-0125-ND
16-0125-ND
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3-0125-ND
4-0125-ND
1-0125-ND
5-0125-ND
6-0125-ND
7-0125-ND
8-0125-ND
9-0125-ND
10-0125-ND

1 DEMO FLOOR PLAN - BUILDING B
1/8" = 1'-0"

N

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2828 4th Street, Santa Monica, CA 90405
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dsk architects
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CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

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OSHPD PROJECT NO: XXXX

KEY PLAN

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE — DSK JOB NO: 16010

DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG B

SHEET NUMBER

A2.00B

DRAFTER: Author — PM: JC — REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

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G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
M.03	REMOVE DRINKING FOUNTAIN AND METAL RAIL. PATCH WALL FINISH AS NEEDED AND PREPARE FOR NEW.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
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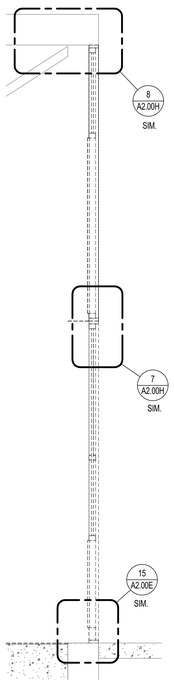
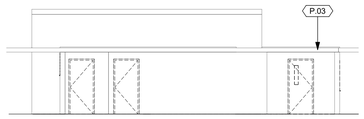
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

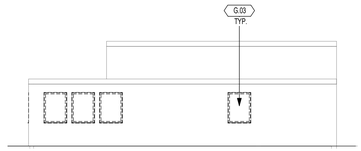
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



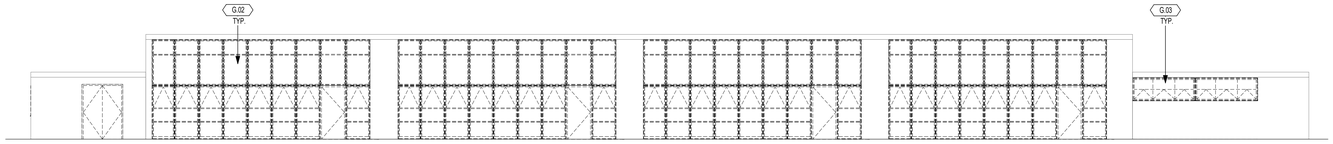
8 DEMOLITION WALL SECTION - BUILDING C - NORTH
3/4" = 1'-0"



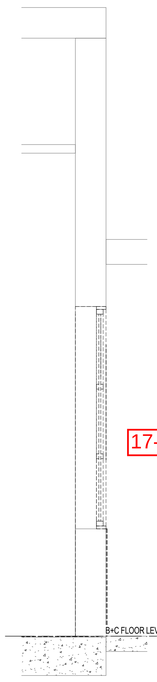
4 DEMO EXTERIOR ELEVATION - BUILDING C TOILETS - WEST
1/8" = 1'-0"



6 DEMO EXTERIOR ELEVATION - BUILDING C - (EAST)
1/8" = 1'-0"

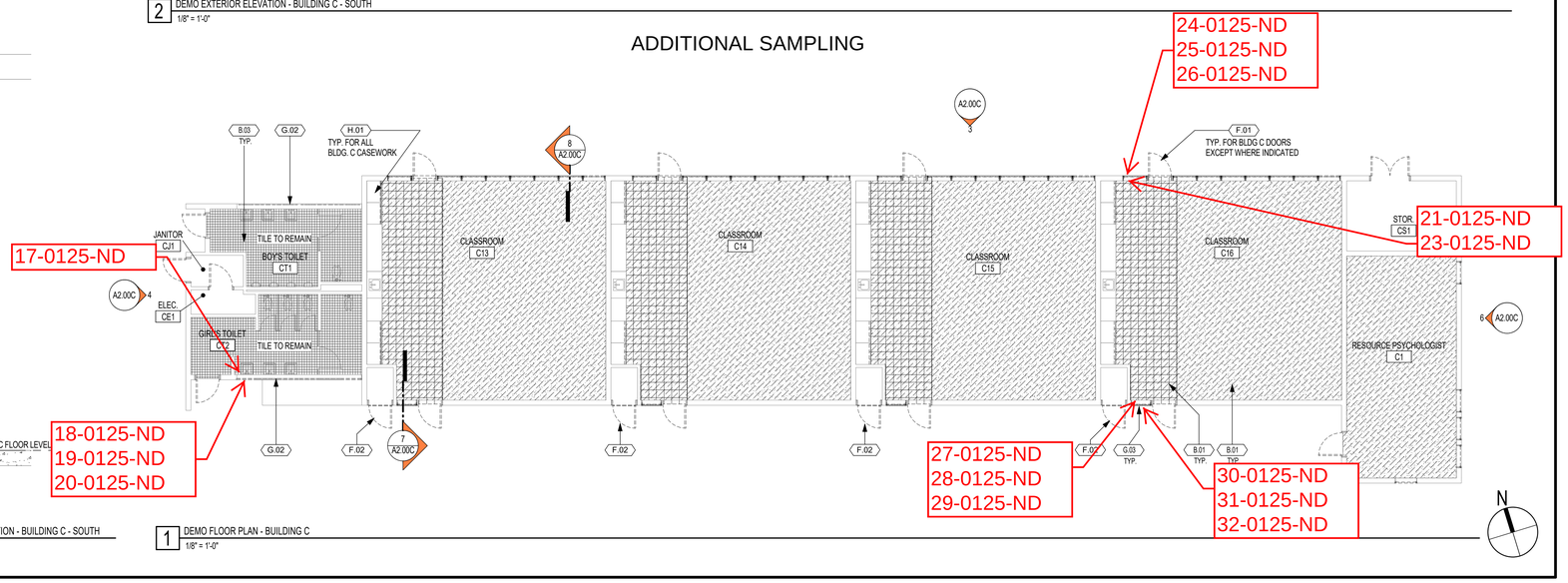


3 DEMO EXTERIOR ELEVATION - BUILDING C - NORTH
1/8" = 1'-0"



7 DEMOLITION WALL SECTION - BUILDING C - SOUTH
3/4" = 1'-0"

2 DEMO EXTERIOR ELEVATION - BUILDING C - SOUTH
1/8" = 1'-0"



1 DEMO FLOOR PLAN - BUILDING C
1/8" = 1'-0"

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CONSULTANT

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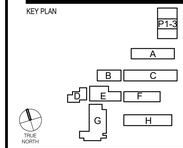
KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG C

DSK JOB NO: 16010

SHEET NUMBER
A2.00C

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

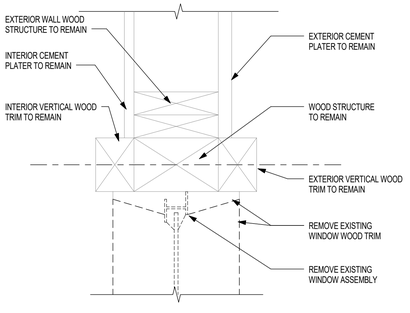
KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
B.04	REMOVE TILE DOWN TO CONCRETE AND ABATE.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.04	PREPARE PREVIOUSLY PAINTED CLOSET DOOR TO RECEIVE NEW PAINT INSIDE AND OUT. SEE ELEVATIONS AND SPECS.
G.03	REMOVE EXISTING WINDOW
G.04	REMOVE EXISTING WINDOW AND PREPARE TO INFILL ROUGH OPENING.
G.06	REMOVE EXISTING EXTERIOR SUNSHADE SYSTEM.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.
P.03	EXISTING WALKWAY COVER TO REMAIN.

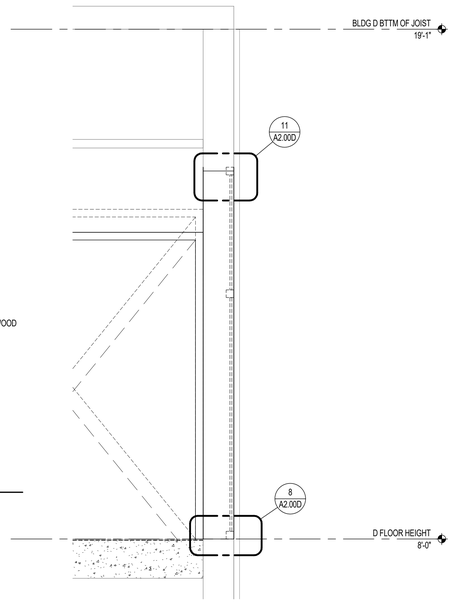
DEMOLITION GENERAL NOTES

LEGEND

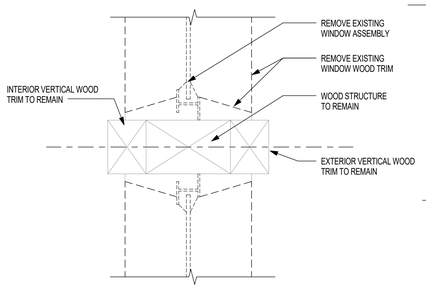
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO BE REMOVED



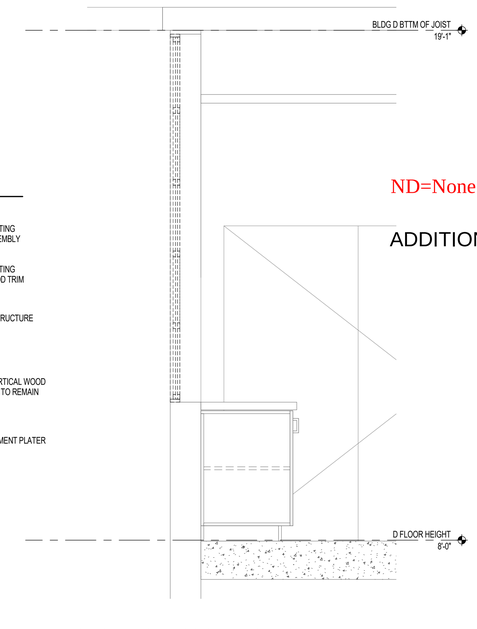
10 DEMOLITION JAMB WINDOW DETAIL - BLDG D
3" = 1'-0"



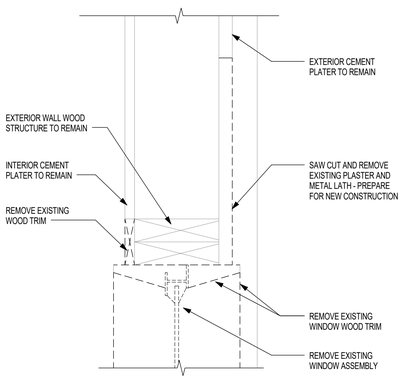
6 DEMOLITION WALL SECTION - BUILDING D - SOUTH
3/4" = 1'-0"



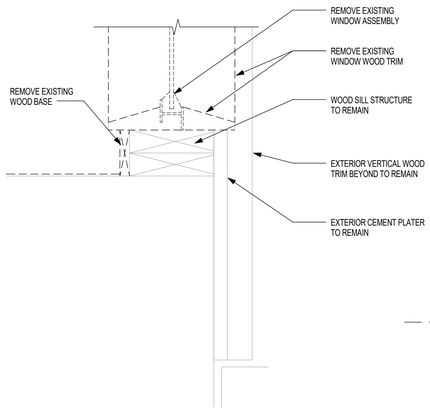
9 DEMOLITION MULLION WINDOW DETAIL - BLDG D
3" = 1'-0"



7 DEMOLITION WALL SECTION - BUILDING D - WEST
3/4" = 1'-0"



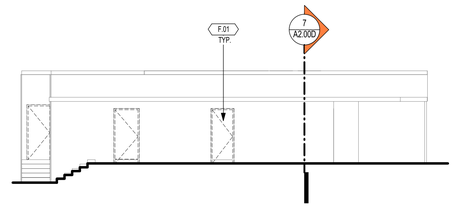
11 DEMOLITION HEAD WINDOW DETAIL - BLDG D
3" = 1'-0"



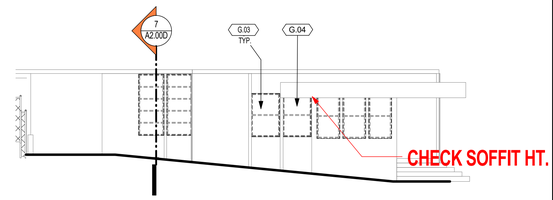
8 DEMOLITION SILL WINDOW DETAIL - BLDG D
3" = 1'-0"

ND=None Detected

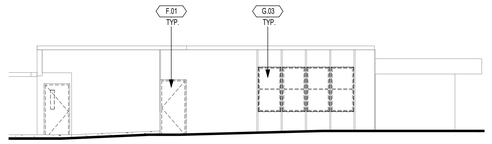
ADDITIONAL SAMPLING



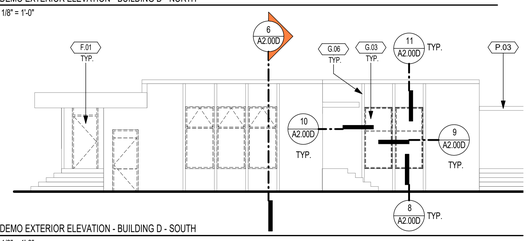
5 DEMO EXTERIOR ELEVATION - BUILDING D - EAST
1/8" = 1'-0"



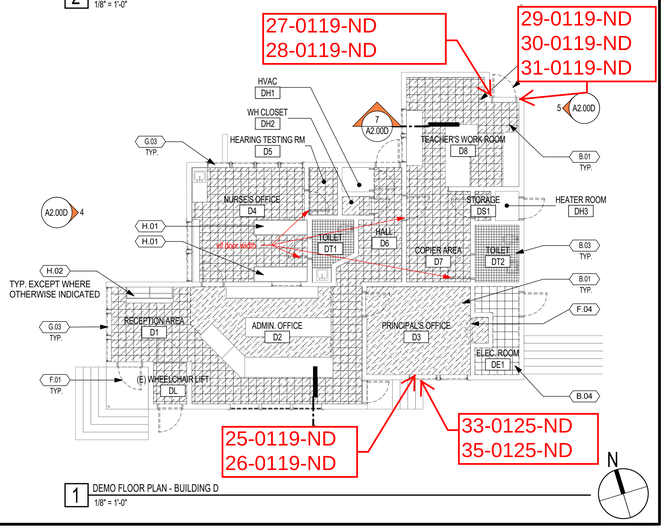
4 DEMO EXTERIOR ELEVATION - BUILDING D - WEST
1/8" = 1'-0"



3 DEMO EXTERIOR ELEVATION - BUILDING D - NORTH
1/8" = 1'-0"



2 DEMO EXTERIOR ELEVATION - BUILDING D - SOUTH
1/8" = 1'-0"



1 DEMO FLOOR PLAN - BUILDING D
1/8" = 1'-0"

SMMUSD
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
2828 4th Street, Santa Monica, CA 90405
310.399.5985

dsk architects
1539 Sawtelle Blvd, Suite 14, Los Angeles, CA 90025
310.254.2263
926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____ FLS_____ SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN

PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG D

DSK JOB NO: 16010

SHEET NUMBER
A2.00D

DRAFTER: Author PM: JC REVIEWER: AK

SHEETS PROVIDEDED "AS-IS" TO THE DISTRICT FOR PLANNING PURPOSES. SET IS PRE-50% CD, AND A WORK IN PROGRESS. NOT FOR CONSTRUCTION.

KEYNOTE LEGEND

B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.05	CARPET TO REMAIN.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
G.03	REMOVE EXISTING WINDOW
G.07	WOODEN TRIM TO REMAIN.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
H.02	EXISTING CASEWORK TO REMAIN. PROTECT IN PLACE. DOES NOT REQUIRE PAINT.

DEMOLITION GENERAL NOTES

1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.

2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.

3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.

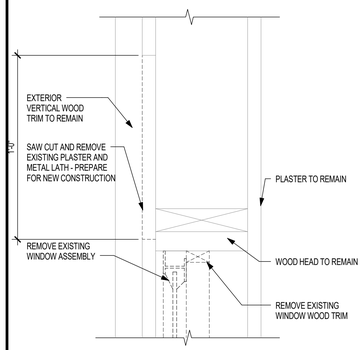
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.

5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.

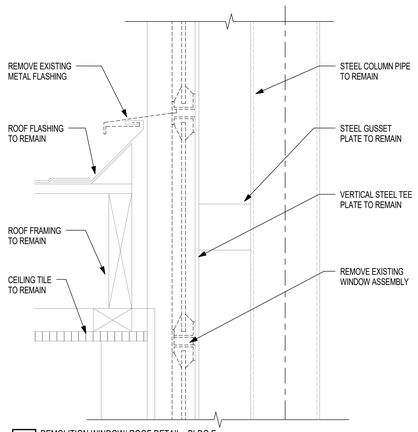
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

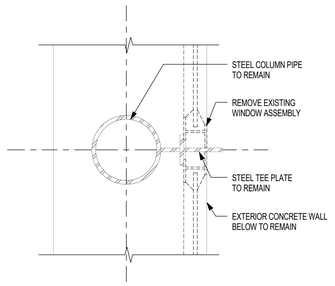
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE



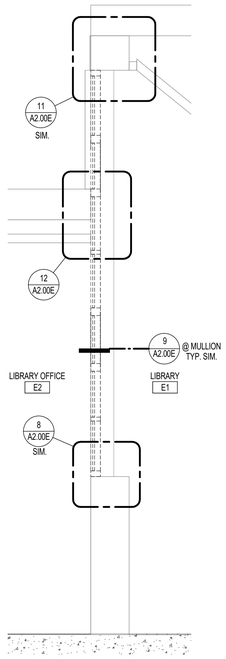
16 DEMOLITION HEAD WINDOW DTL - BLDG E
3" = 1'-0"

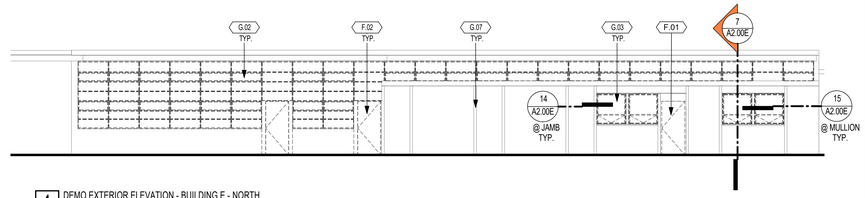


12 DEMOLITION WINDOW/ ROOF DETAIL - BLDG E
3" = 1'-0"

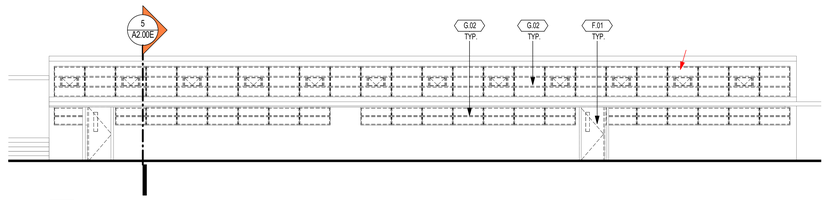


9 DEMOLITION MULLION WINDOW DETAIL - BLDG E
3" = 1'-0"

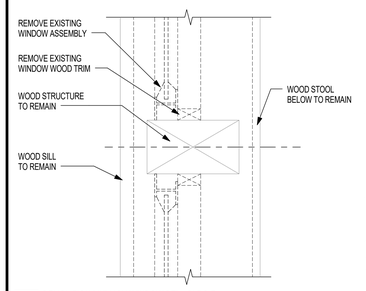




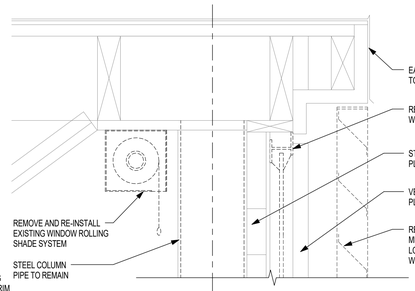
4 DEMO EXTERIOR ELEVATION - BUILDING E - NORTH
1/8" = 1'-0"



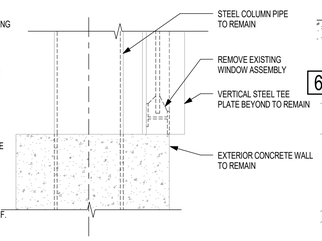
3 DEMO EXTERIOR ELEVATION - BUILDING E - SOUTH
1/8" = 1'-0"



15 DEMOLITION MULLION WINDOW DTL - BLDG E
3" = 1'-0"

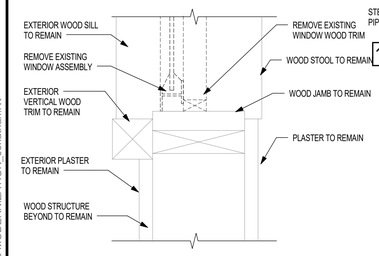


11 DEMOLITION HEAD WINDOW DETAIL - BLDG E
3" = 1'-0"

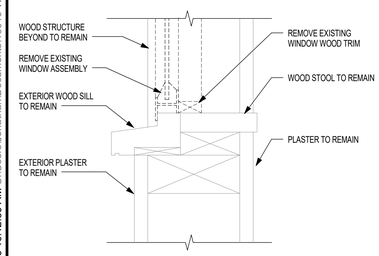


8 DEMOLITION SILL WINDOW DETAIL - BLDG E
3" = 1'-0"

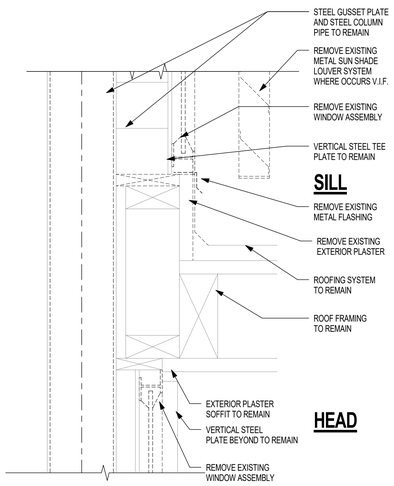
6 DEMOLITION WALL SECTION - LIBRARY NORTH WALL
3/4" = 1'-0"



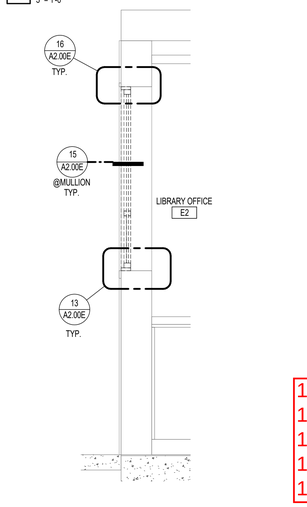
14 DEMOLITION JAMB WINDOW DTL - BLDG E
3" = 1'-0"



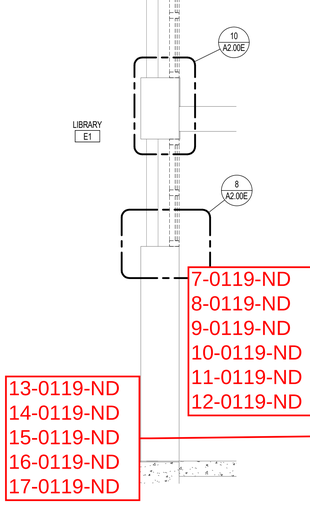
13 DEMOLITION SILL WINDOW DTL - BLDG E
3" = 1'-0"



10 DEMOLITION HEAD/SILL WINDOW DETAIL - BLDG E
3" = 1'-0"



7 EXISTING SECTION - BULDING E WALL - NORTH
3/4" = 1'-0"



5 DEMOLITION WALL SECTION - BUILDING E - SOUTH
3/4" = 1'-0"

1 DEMO FLOOR PLAN - BUILDING E
1/8" = 1'-0"

18-0119-ND
20-0119-ND
21-0119-ND

22-0119-ND
23-0119-ND
24-0119-ND

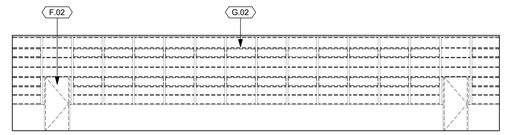
ND=None Detected

7-0119-ND
8-0119-ND
9-0119-ND
10-0119-ND
11-0119-ND
12-0119-ND

13-0119-ND
14-0119-ND
15-0119-ND
16-0119-ND
17-0119-ND

1-0119-ND
2-0119-ND
3-0119-ND

4-0119-ND
5-0119-ND
6-0119-ND



2 DEMO INTERIOR ELEVATION - BLDG E - LIBRARY - NORTH
1/8" = 1'-0"

ADDITIONAL SAMPLING

SMMUSD
SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT
2828 4th Street, Santa Monica, CA 90405
310.399.5965

dsk architects
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926 Natoma Street, Suite 200, San Francisco, CA 94103
415.839.6418 / Fax 415.839.7584

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

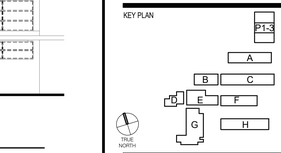
FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, BLDG ELEVATIONS, SECTIONS & DETAILS - BLDG E

DSK JOB NO: 16010

SHEET NUMBER
A2.00E

DRAFTER: JH PM: JC REVIEWER: AK

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KEYNOTE LEGEND

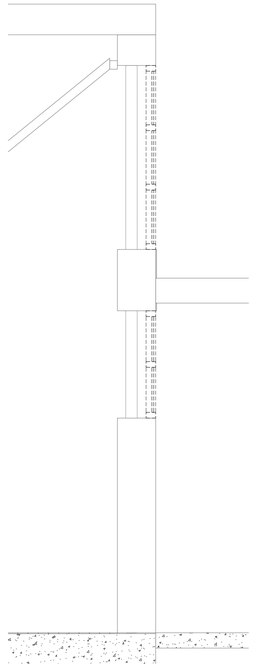
B.01	REMOVE EXISTING FLOORING MATERIAL. PREPARE SURFACE TO RECEIVE NEW FINISH.
B.03	TILE FLOOR TO REMAIN, EXCEPT AS REQUIRED TO INSTALL NEW FIXTURES.
F.01	REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY.
F.02	REMOVE EXISTING DOOR AND HARDWARE, LEAVING DOOR FRAME IN PLACE.
G.02	REMOVE EXISTING WINDOW SYSTEM, LEAVING STRUCTURE. SEE REFERENCED DEMOLITION DETAILS. PREPARE FOR NEW WORK.
H.01	EXISTING CASEWORK TO REMAIN. PREPARE PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT. SEE SPECS.
M.03	REMOVE DRINKING FOUNTAIN AND METAL RAIL. PATCH WALL FINISH AS NEEDED AND PREPARE FOR NEW.
P.03	EXISTING WALKWAY COVER TO REMAIN.

DEMOLITION GENERAL NOTES

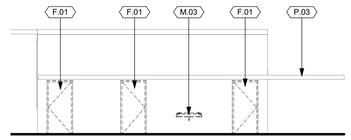
1. ALL KEYNOTES ARE TYPICAL UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL WALLS, CEILINGS, AND FLOORING DAMAGED DURING DEMOLITION IN SCOPE OF WORK.
3. REMOVE WITHIN AREA OF WORK: EXISTING WINDOW FRAME, WOOD TRIM, AND GROUT. SEE DEMOLITION WINDOW DETAILS.
4. CONTRACTOR IS RESPONSIBLE TO REMOVE, REINSTALL, AND REWIRE ALL ELECTRICAL CONDUITS, OUTLETS, AND THERMOSTATS AS NEEDED TO PERFORM WINDOW DEMOLITION & NEW WINDOW INSTALLATION.
5. AT ALL EXISTING WINDOW ROUGH OPENINGS, REMOVE ROTTEN WOOD NAILERS AND REINSTALL NEW PRESSURE TREATED WOOD NAILER TO MATCH EXISTING.
6. SECTIONS PROVIDED TO AID WITH DEMOLITION ONLY. VERIFY EXACT CONDITIONS IN FIELD AND NOTIFY ARCHITECT OF UNFORESEEN CONDITIONS.

LEGEND

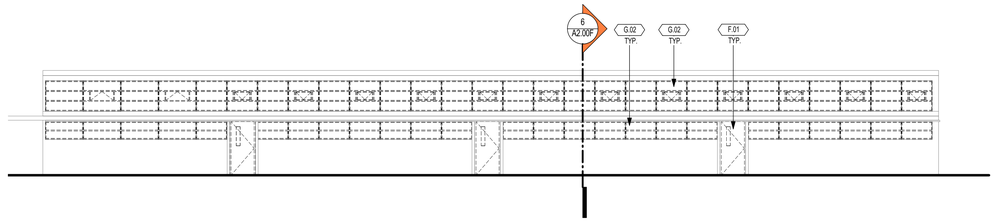
- EXISTING PARTITION/WALL TO REMAIN
- REMOVE EXISTING ITEMS/PARTITION/WALL
- REMOVE EXISTING FINISH FLOOR
- EXISTING CARPET
- EXISTING TILE



6 DEMOLITION WALL SECTION - BUILDING F - SOUTH
3/4" = 1'-0"

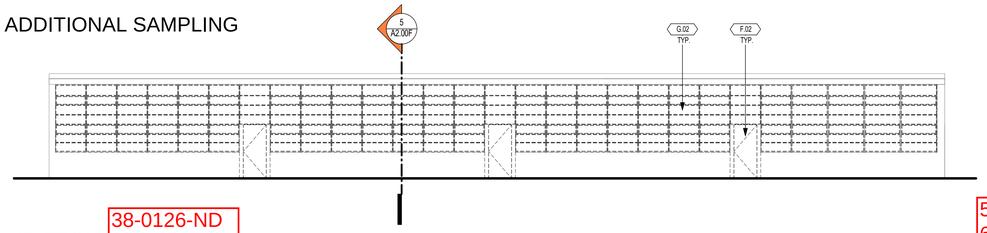


4 DEMO EXTERIOR ELEVATION - BUILDING F - WEST
1/8" = 1'-0"



3 DEMO EXTERIOR ELEVATION - BUILDING F - SOUTH
1/8" = 1'-0"

ADDITIONAL SAMPLING



2 DEMO EXTERIOR ELEVATION - BUILDING F - NORTH
1/8" = 1'-0"

31-0126-ND
32-0126-ND
33-0126-ND
34-0126-ND

38-0126-ND
40-0126-ND
41-0126-ND

35-0126-ND
36-0126-ND
37-0126-ND

ND=None Detected

5-0126-ND
6-0126-ND
7-0126-ND
8-0126-ND
9-0126-ND
10-0126-ND

27-0126-ND
29-0126-ND
30-0126-ND

24-0126-ND
25-0126-ND
26-0126-ND

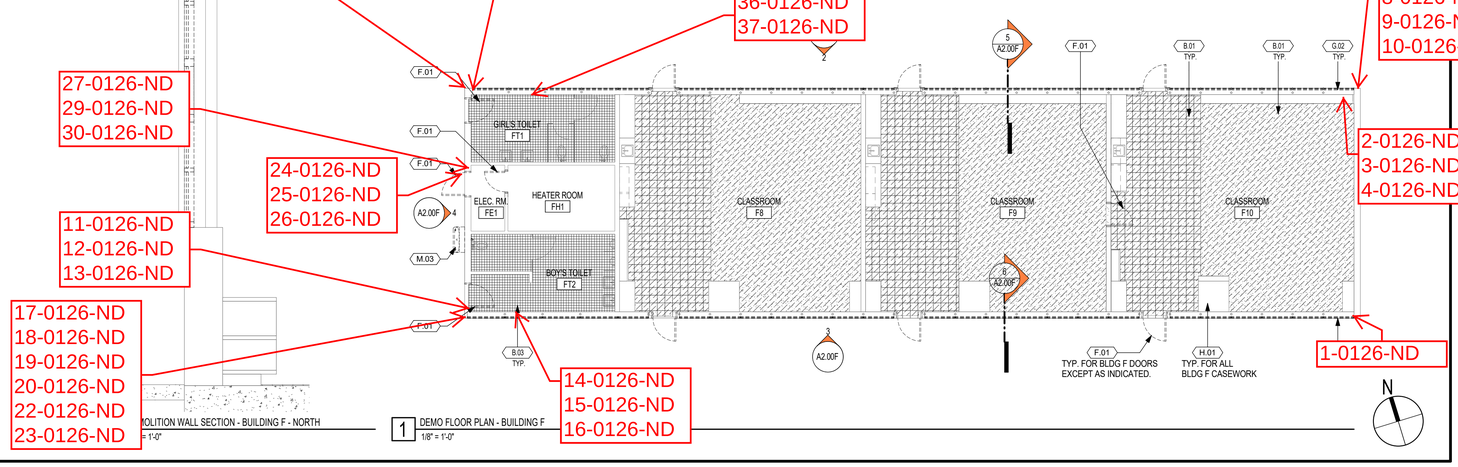
11-0126-ND
12-0126-ND
13-0126-ND

17-0126-ND
18-0126-ND
19-0126-ND
20-0126-ND
22-0126-ND
23-0126-ND

2-0126-ND
3-0126-ND
4-0126-ND

1-0126-ND

14-0126-ND
15-0126-ND
16-0126-ND



1 DEMO FLOOR PLAN - BUILDING F
1/8" = 1'-0"

SMMUSD
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2828 4th Street, Santa Monica, CA 90405
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415.839.6418 / Fax 415.839.7584

EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
EXISTING WINDOW TO BE REMOVED

CONSULTANT

PROJECT NAME
WEBSTER ELEMENTARY MODERNIZATION

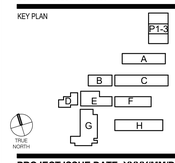
FACILITY INFO
WEBSTER ELEMENTARY
3602 WINTER CANYON ROAD, MALIBU, CA 90265

AGENCY STAMP

FILE NUMBER: XX-X
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
XX-XXXXXX
ACS_____FLS_____SSS_____
Date: _____

OSHPD PROJECT NO: XXXX

KEY PLAN



PROJECT ISSUE DATE: YYYY/MM/DD

DATE	NO.	REVISIONS
2016/09/22		50% CD SUBMITTAL

SHEET TITLE
DEMOLITION PLAN, EXTERIOR ELEVATIONS, SECTIONS & DETAILS - BLDG F

DSK JOB NO: 16010

SHEET NUMBER
A2.00F

DRAFTER: RD PM: JC REVIEWER: AK

Appendix D

Photographs

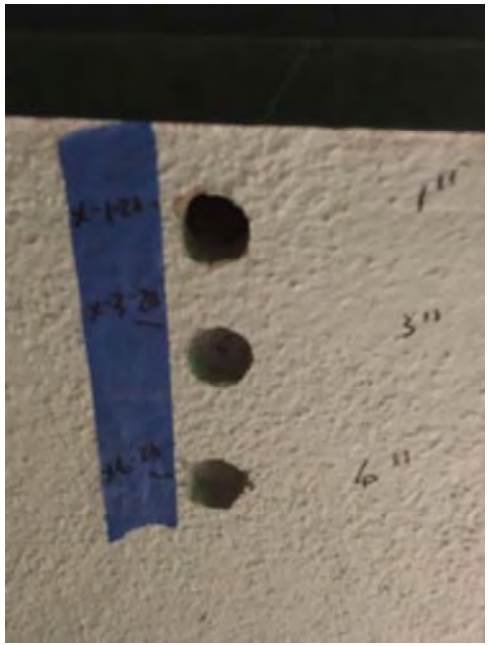
Sampling Photos, Webster ES

Sample # I-1-20

Sample # I-1-20-SPLIT **Photo #1**

Sample # X-1-20

Photo #2



Sampling Photos, Webster ES

Sample # I-1-20B

Sample # I-1-20B-DUP **Photo #3**

Sample # X-1-20B

Sample # X-1-20B-SPLIT **Photo #4**

Sampling Photos, Webster ES

Sample # I-1-11P
Photo #5

Sample # X-1-11S **Photo #6**

Sampling Photos, Webster ES

Sample # I-1-211D

Sample # I-1-211D-DUP **Photo #7**

Sample # X-1-211S
Photo #8

No Photo Available

Sampling Photos, Webster ES

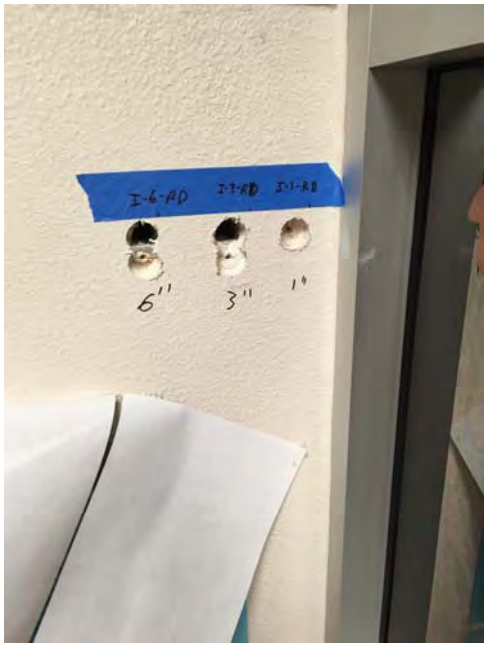
Sample # I-1-NW
Photo #9

Sample # X-1-NS

Sample # X-1-NS-DUP **Photo #10**

Sampling Photos, Webster ES

Sample # I-1-RD
Photo #11



Sample # X-1-RS
Photo #12

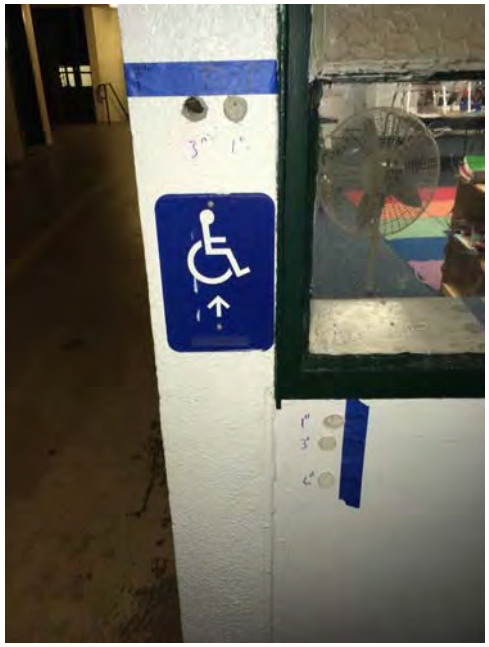
Sampling Photos, Webster ES

Sample # I-1-7C

Sample # I-1-7P **Photo #13**

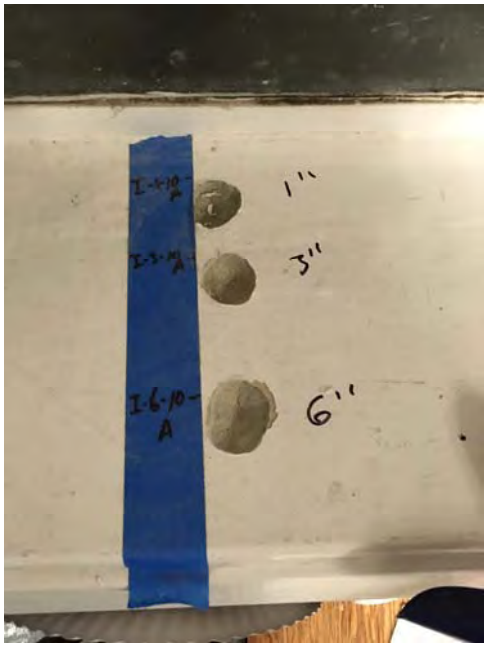
Sample # X-1-7C

Sample # X-1-7S **Photo #14**



Sampling Photos, Webster ES

Sample # I-1-10A **Photo #15**



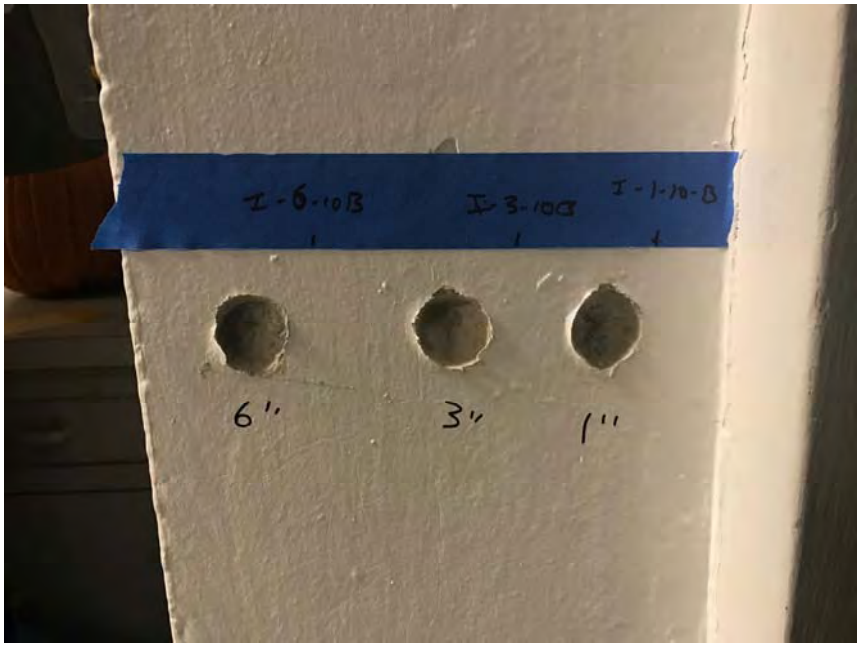
Sample # X-1-C10

Sample # X-1-S10, X-3-S10

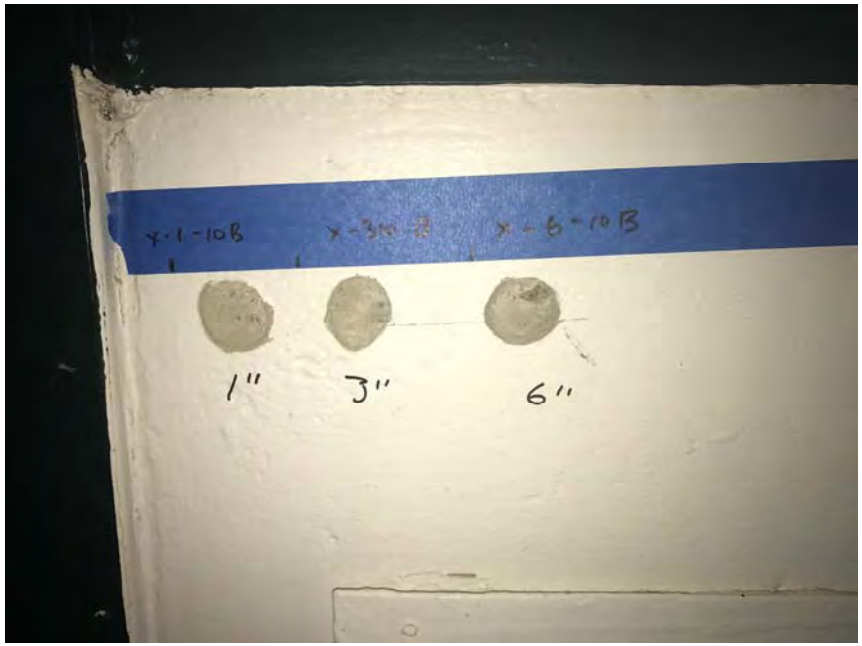
Sample # X-1-S10-DUP **Photo #16**

Sampling Photos, Webster ES

Sample # I-1-10B
Photo #17



Sample # X-1-10B
Photo #18



Sampling Photos, Webster ES

Sample # I-1-CAF
Photo #19

Sample # X-1-CAF
Photo #20

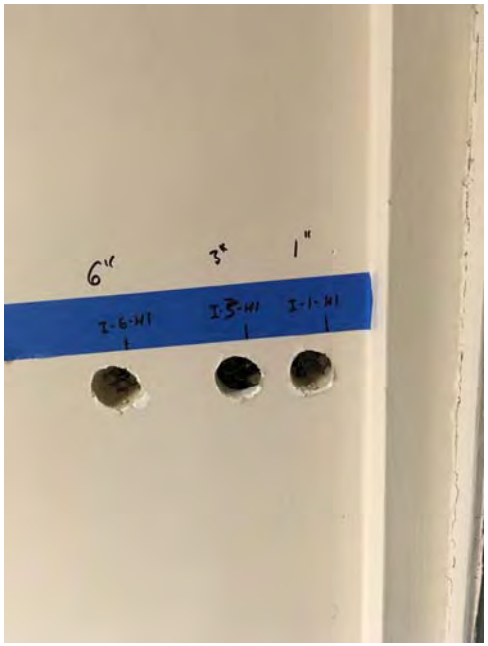
Sampling Photos, Webster ES

Sample # I-1-G2
Photo #21

Sample # X-1-G2
Photo #22

Sampling Photos, Webster ES

Sample # I-1-H1
Photo #23



Sample # X-1-H1
Photo #24

Webster ES, Building B

01-0125

Photo #1

No Photo Available

02-0125

03-0125

04-0125

Photo #2

Webster ES, Building B

05-0125

06-0125

07-0125

Photo #3

No Photo Available

08-0125

09-0125

10-0125

Photo #4

No Photo Available

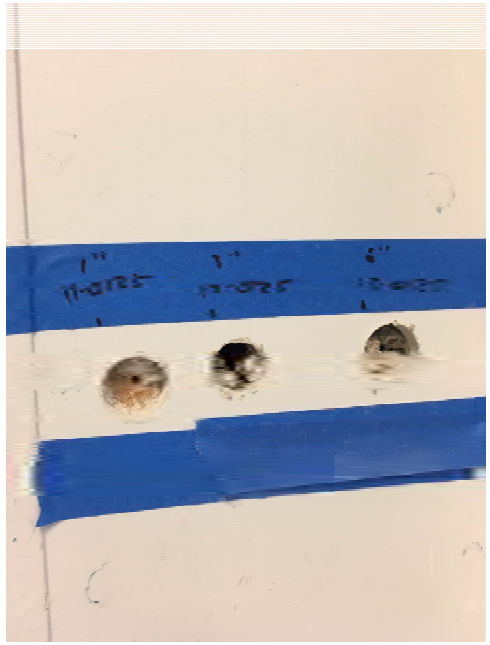
Webster ES, Building B

11-0125

12-0125

13-0125

Photo #5



14-0125

15-0125

16-0125

Photo #6

Webster ES, Building C

17-0125

Photo #7

No Photo Available

18-0125

19-0125

20-0125

Photo #8

Webster ES, Building C

21-0125

23-0125

Photo #9

No Photo Available

24-0125

25-0125

26-0125

Photo #10

No Photo Available

Webster ES, Building C

27-0125

28-0125

29-0125

Photo #11

No Photo Available

30-0125

31-0125

32-0125

Photo #12

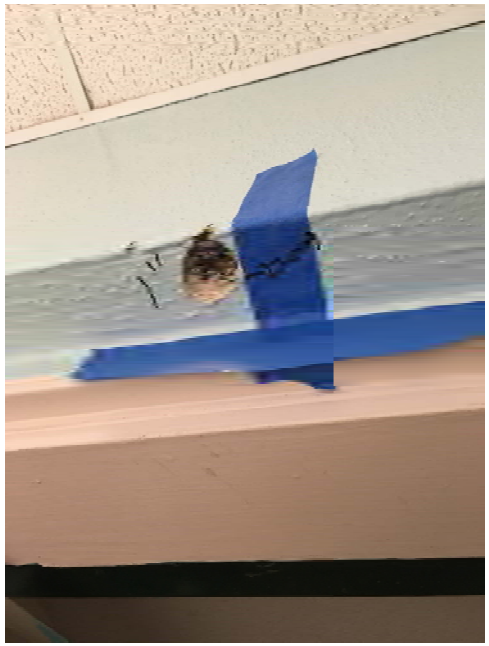
No Photo Available

Webster ES, Building D

25-0119

26-0119 **Photo #13**

27-0119 **Photo #14**



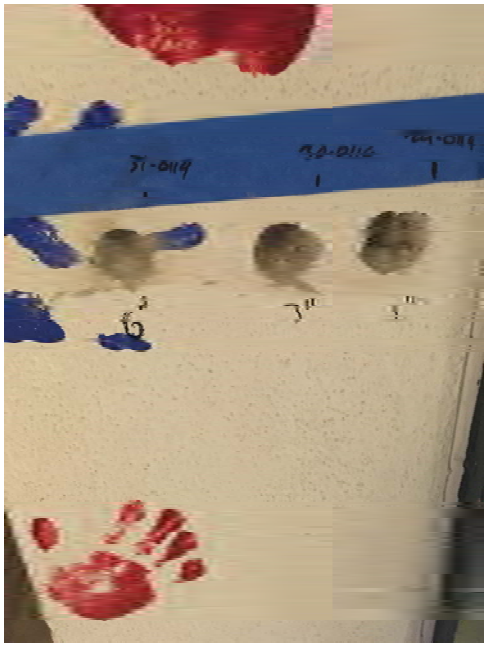
Webster ES, Building D

28-0119 **Photo #15**

29-0119

30-0119

31-0119 **Photo #16**



Webster ES, Building D

33-0125

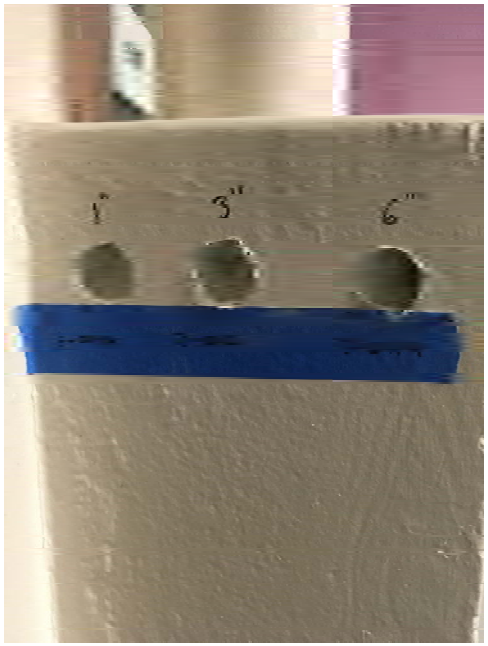
35-0125 **Photo #17**

No Photo Available

Webster ES, Building E

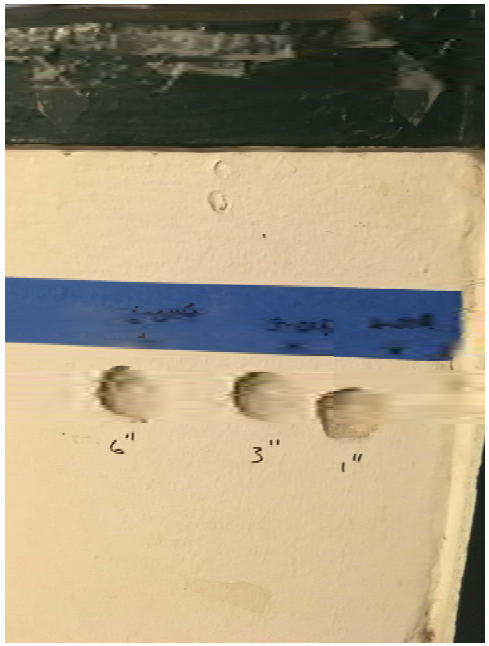
01-0119
02-0119
03-0119

Photo #18



04-0119
05-0119
06-0119

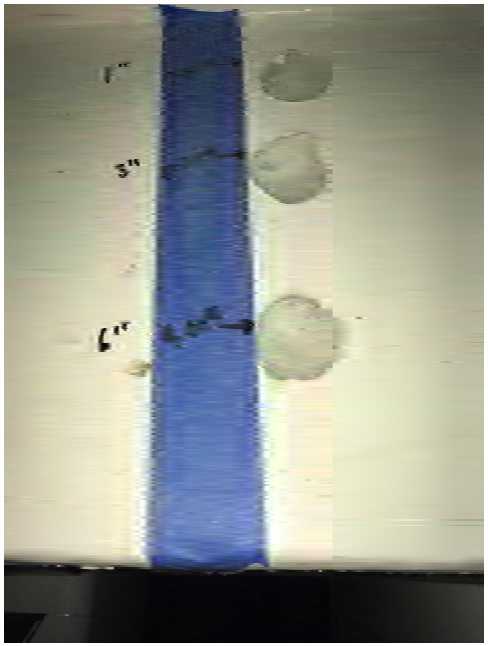
Photo #19



Webster ES, Building E

07-0119
08-0119
09-0119

Photo #20



10-0119
11-0119
12-0119

Photo #21

Webster ES, Building E

13-0119
14-0119
15-0119

Photo #22

No Photo Available

16-0119
17-0119

Photo #23

No Photo Available

Webster ES, Building E

18-0119

19-0119

20-0119

21-0119

Photo #24

22-0119

23-0119

24-0119

Photo #25

Webster ES, Building F

01-0126 **Photo #26**

No Photo Available

02-0126

03-0126

04-0126 **Photo #27**

No Photo Available

Webster ES, Building F

05-0126

06-0126

07-0126

Photo #28

No Photo Available

08-0126

09-0126

10-0126

Photo #29

No Photo Available

Webster ES, Building F

11-0126
12-0126
13-0126

Photo #30

No Photo Available

14-0126
15-0126
16-0126

Photo #31

No Photo Available

Webster ES, Building F

17-0126
18-0126
19-0126

Photo #32

No Photo Available

20-0126
22-0126
23-0126

Photo #33

No Photo Available

Webster ES, Building F

24-0126
25-0126
26-0126

Photo #34

No Photo Available

27-0126
29-0126
30-0126

Photo #35

No Photo Available

Webster ES, Building F

31-0126
32-0126
33-0126

Photo #36

No Photo Available

34-0126

Photo #37

No Photo Available

Webster ES, Building F

35-0126
36-0126
37-0126

Photo #38

No Photo Available

38-0126
40-0126
41-0126

Photo #39

No Photo Available