September 24, 2020

Mr. Devlin Piplic
Director of Facilities
Monroe School District
200 East Fremont
Monroe, WA 98272

RE: 2020 Annual PCB Wipe Sampling
Sky Valley Educational Center
351 Short Colombia Street
Monroe, Washington

Dear Mr. Piplic:

PBS Engineering and Environmental, Inc. (PBS) performed Polychlorinated Biphenyl (PCB) surface testing for the annual monitoring program at the Sky Valley Educational Center (SVEC) located at 351 Short Columbia Street, Monroe, Washington. The following report discusses background information, methodology, findings and conclusions.

BACKGROUND INFORMATION

PCB-containing caulking and contaminated light fixture abatement activities were performed at the Sky Valley Educational Center (SVEC) in the Administration, Annex, Gymnasium, Classroom Pod/Library, and the Technology buildings during summer 2016.

PBS was requested to conduct annual surface PCB sampling in accordance with the SVEC, March 27, 2017 Quality Assurance Project Plan (QAPP) to evaluate the effectiveness of the abatement process.

METHODOLOGY

The following is a description of the surface sample collection and analysis process. The Monroe School District provided PBS with drawings that identified specific locations to be sampled. See attached sample location diagrams.

PBS collected surface samples in twelve (12) locations within the study area. The 2020 annual PCB surface sampling was performed using the wipe sampling method in 40 CFR Part 761. This method uses a gauze pad wetted with hexane and placed in a glass jar. The sample media was provided by ALS Laboratories. The hexane wetted gauze pad is wiped over a 100 cm^2 area using a disposable template as a guide and then placed in a glass jar. PBS personnel wore disposable nitrile gloves to protect against cross-contamination between samples. A total of two (2) field blanks were collected during this activity. The wipe samples were collected to evaluate the effectiveness of the epoxy sealant. The samples were labeled with unique identification numbers, packaged and delivered with chain-of-custody documentation to ALS Laboratories. The samples were analyzed by EPA Method SW 8082 for PCBs. See attached laboratory report.

The EPA regulatory threshold for PCBs in surface wipes is 10 micrograms (µg) per 100 cm^2

FINDINGS

The following is a summary of our laboratory findings for the surface sampling activity.

Laboratory results revealed all twelve (12) surface wipe samples collected during this annual monitoring event were **below** the EPA threshold of 10 µg/100 cm^2, see Table 1.

Table 1 – Wipe Sampling Results

Sample Number	Location	PCB Results (µg/100 cm^2)
20-001	Small Gym – Gym Area – West 9th Beam/Brick transition	ND
20-002	Small Gym – Gym Area - North Door brick/metal transition	ND
20-003	Annex building – Room F - North Window brick/metal transition	1.4
20-004	Annex Building – Room D - South window brick/metal transition	ND
20-005	South Pod – Room 1 – North window brick/metal transition	ND
20-006	South Pod – Room 4 - South window brick/metal transition	ND
20-007	East Pod – Room 8 - South window brick/metal transition	ND
20-008	East Pod – Room 11 - East window brick/metal transition	ND
20-009	North Pod – Room 14 - East window brick/metal transition	ND
20-010	North Pod – Room 18 - West window brick/metal transition	1.5
20-011	Admin Building – Conference Room C – North window brick/metal transition	ND
20-012	Admin building – Counselors Office - South window brick/metal transition	ND

µg/100 cm^2 = micrograms/100 square centimeters
ND = Not detected above reporting limits

CONCLUSIONS

Based on laboratory results of the surface wipe samples, no PCBs were found to exceed the EPA regulatory threshold.

Please do not hesitate to contact me if you have any questions regarding this letter report or require additional information.

Sincerely,

PBS Engineering and Environmental, Inc.

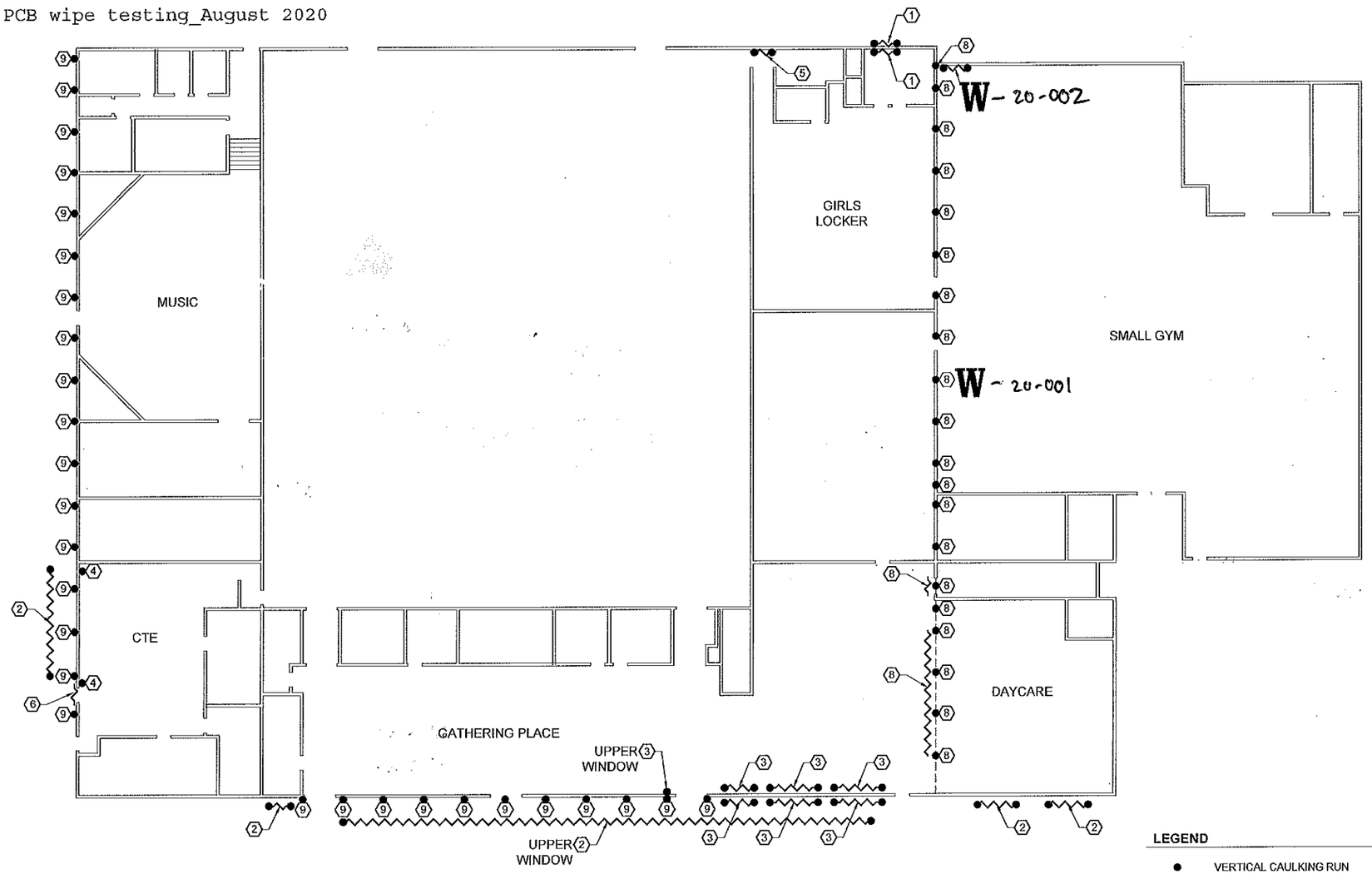
Digitally signed by Ryan Hunter

Ryan Hunter
Industrial Hygiene Technician

Reviewed by: Gregg Middaugh
Senior Project Manager

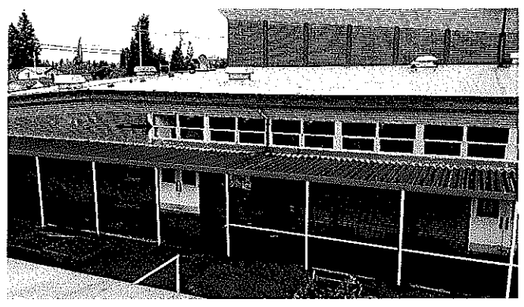
Attachments: Sample location Diagrams
Surface Wipe Sample Laboratory Report

PCB wipe testing_August 2020

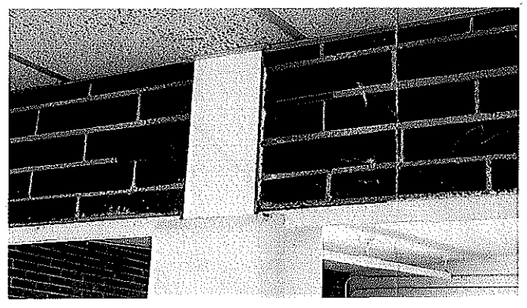


W Wipe Test Sample

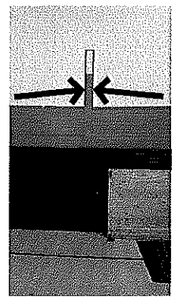
GYM BUILDING
NOT TO SCALE



②⑨PHOTO DETAIL



⑧PHOTO DETAIL



⑧PHOTO DETAIL

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUNS

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

① REMOVE APPROX. 20 LF OF PCB-CONTAINING CAULKING LOCATED ON THE EXTERIOR AND INTERIOR METAL WINDOW FRAME ON THE GIRLS LOCKER ROOM NORTH PERIMETER WINDOW AS SHOWN.

② REMOVE APPROX. 300 LF OF PCB-CONTAINING CAULKING ON THE EXTERIOR METAL WINDOW FRAMES ON ALL WINDOWS AT THE SOUTH AND WEST ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN. THIS INCLUDES CAULKING THAT EXISTS AROUND EACH WINDOW INFILL PANEL METAL FRAME TRANSITION ON THE WEST ELEVATION. THESE INFILL PANELS ARE CEMENT ASBESTOS BOARD.

③ REMOVE APPROX. 40 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR SIDE OF THE THREE LOWER WINDOWS AND THE UPPER WINDOW BANK EAST VERTICAL IN THE GATHERING PLACE AS SHOWN.

④ REMOVE APPROX. 10 LF OF PCB-CONTAINING OF CAULK ON INTERIOR WINDOW FRAME VERTICALS IN THE CTE ROOM AS SHOWN.

⑤ REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON INTERIOR SIDE OF NORTH EXTERIOR GIRLS LOCKER ENTRY DOOR AS SHOWN.

⑥ REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON EXTERIOR SIDE OF NORTH CTE ENTRY DOOR AS SHOWN.

⑦ REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON THE INTERIOR SIDE OF THE NORTHWEST PERIMETER ENTRY DOOR FRAME OF THE SMALL GYM AS SHOWN.

⑧ REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE EAST ELEVATION OF THE LARGE GYM AS SHOWN. THIS INCLUDES THE REMOVAL OF ALL CAULKING ON THE INTERIOR DEMISING WALL METAL BEAMS (VERTICAL AND HORIZONTAL) BETWEEN THE DAYCARE AND THE GATHERING PLACE/CAFETERIA AS SHOWN. THE CAULKING IS HEAVILY PAINTED THROUGHOUT THE WORK SCOPE AREA.

⑨ REMOVE APPROX. 780 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE LOWER WEST AND SOUTH ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN.

NOT TO SCALE

MONROE SCHOOL DISTRICT

GYM BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

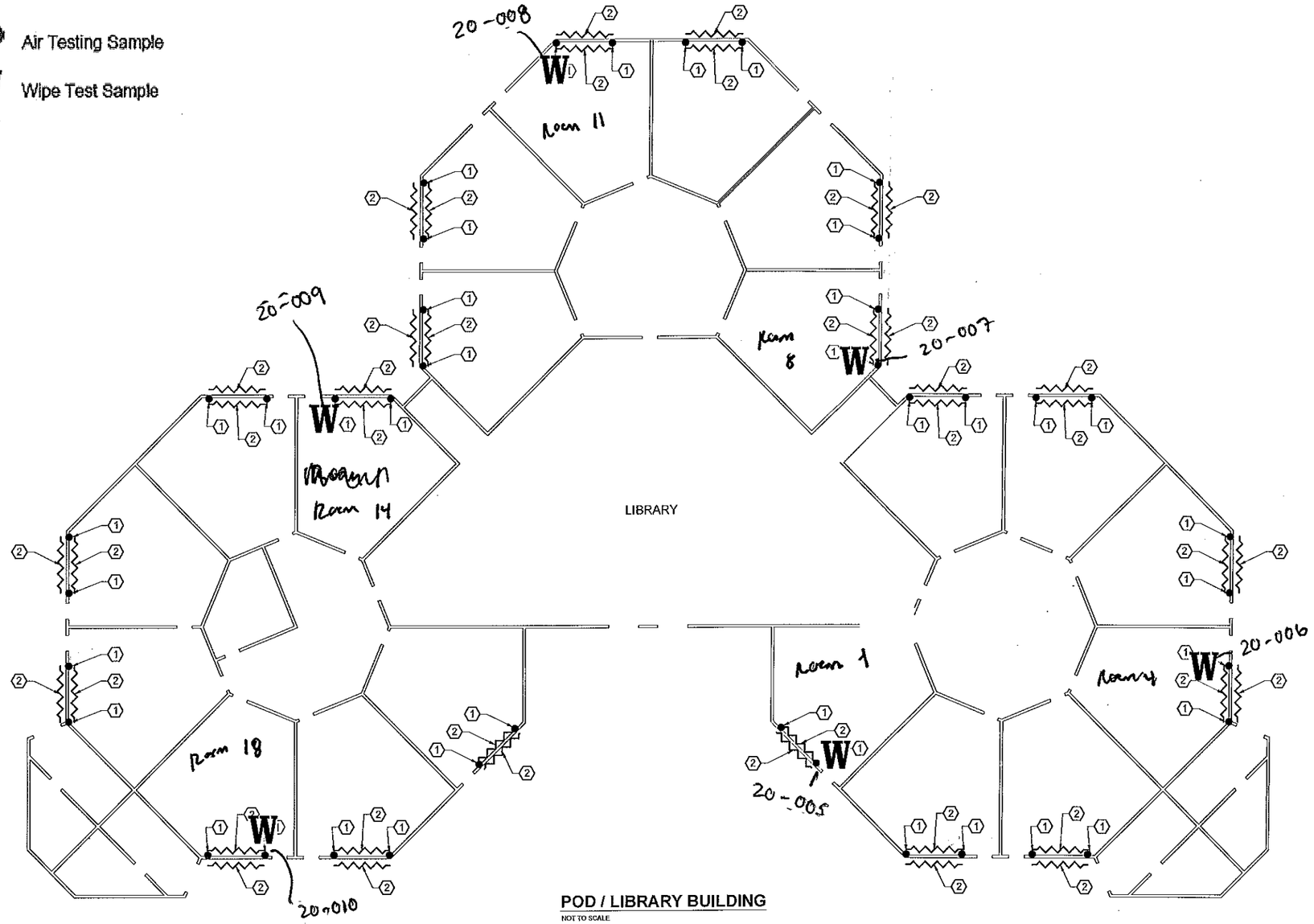
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM1
SHEET NO.	1 OF 5

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Air Testing Sample

W Wipe Test Sample



POD / LIBRARY BUILDING

NOT TO SCALE

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
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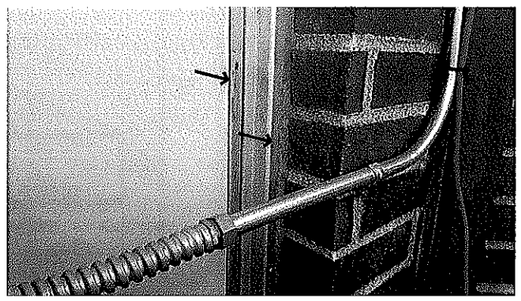
KEY NOTES

① REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TO BRICK TRANSITION VERTICALS IN EACH OF CLASSROOMS 1-20 AS SHOWN.

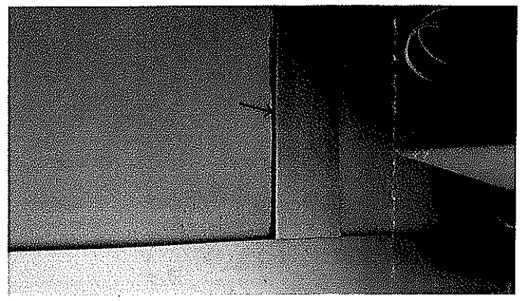
② REMOVE APPROX. 1,400 LF OF PCB-CONTAINING CAULKING ON THE INTERIOR AND EXTERIOR SIDES OF THE CEMENT ASBESTOS BOARD (CAB) WINDOW INFILL PANELS. THE CAULKING FILLS THE GAP BETWEEN THE METAL WINDOW FRAME AND CAB TRANSITION IN EACH OF CLASSROOMS 1-20 AS SHOWN.

LEGEND

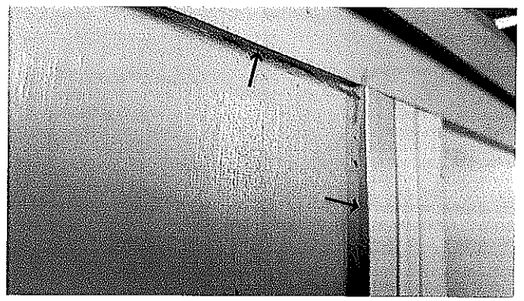
- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN



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MONROE SCHOOL DISTRICT

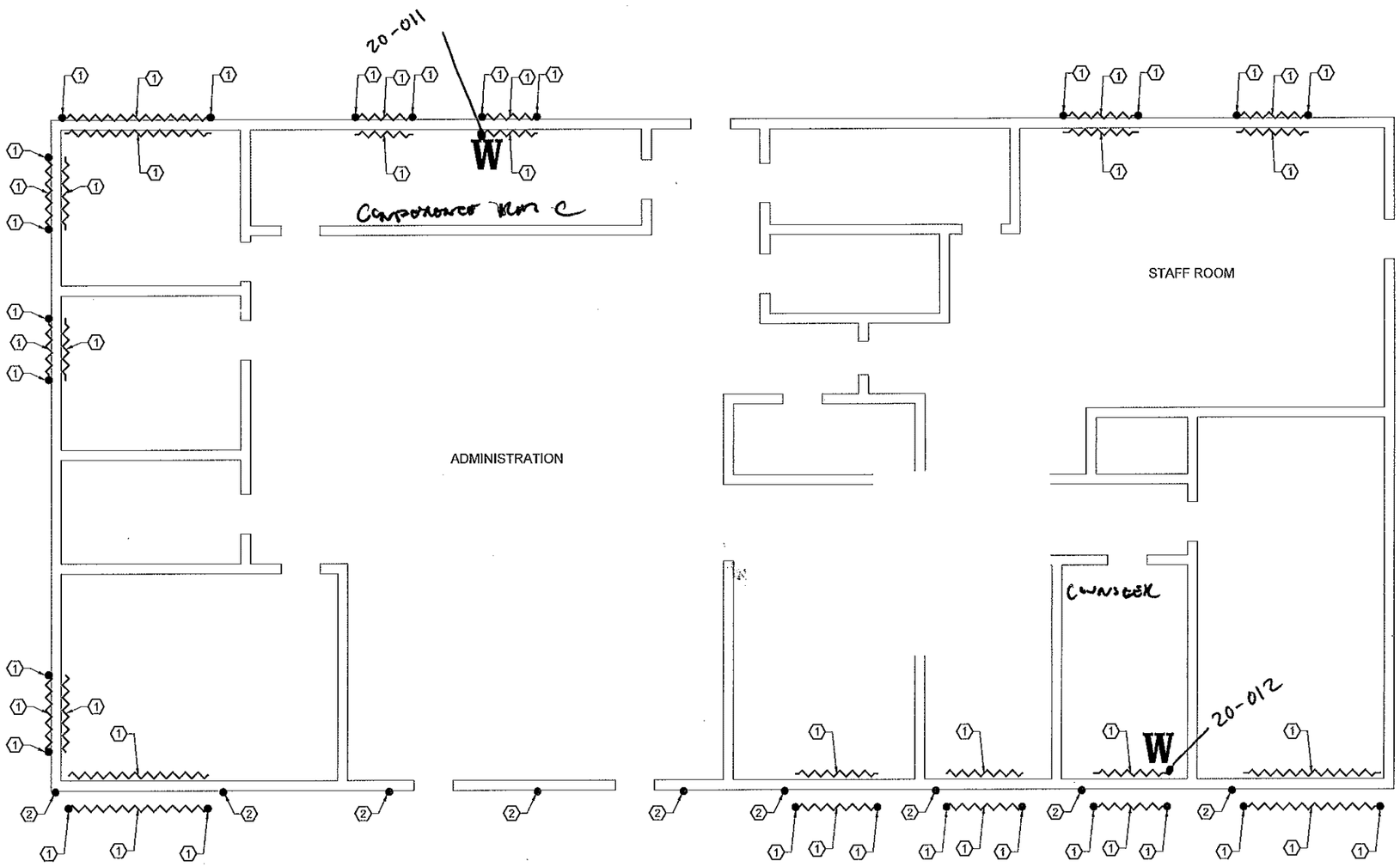
POD/LIBRBAY BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM2
SHEET NO.	2 OF 5

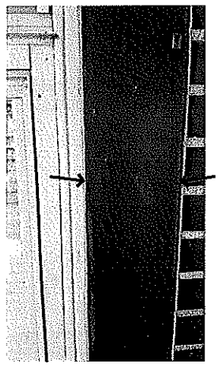
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Air Testing Sample

W Wipe Test Sample

GENERAL NOTES

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4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

① REMOVE APPROX. 400 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL INTERIOR METAL WINDOW SILL TRANSITIONS AND ALL EXTERIOR METAL WINDOW FRAME TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.

② REMOVE APPROX. 175 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL BEAM TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN

NOT TO SCALE

MONROE SCHOOL DISTRICT

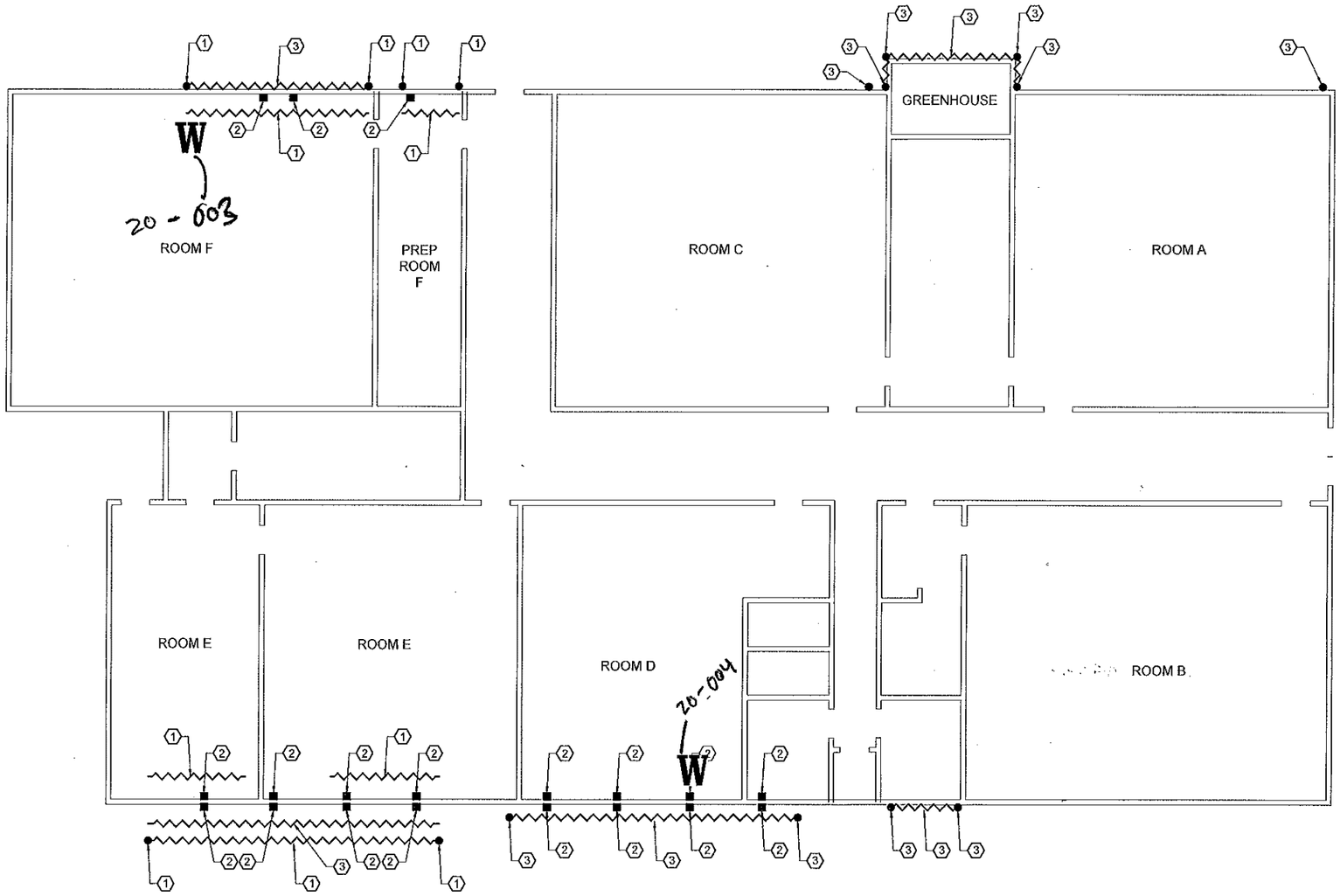
ADMIN BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM3
SHEET NO.	3 OF 5

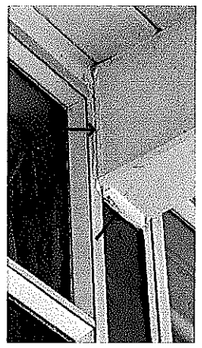
I:\Projects\41900\41373.000\Drawings\Hazmat\SCHADM1373.000_Caulking locations.dwg Jun 16, 2016 08:14am justine



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● Air Testing Sample

W Wipe Test Sample

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KEY NOTES

① REMOVE APPROX. 200 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TRANSITIONS. THIS INCLUDES REMOVAL OF CAULKING WHICH EXISTS ON EXTERIOR METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH BUILDING ELEVATION WINDOWS AS SHOWN.

② REMOVE APPROX. 80 LF OF PCB-CONTAINING CAULKING ON WOOD CEILING/SOFFIT BEAMS AT PERIMETER WALL/CEILING TRANSITIONS IN ROOMS E, F AND PREP ROOM F AS SHOWN.

③ REMOVE APPROX. 300 LF OF PCB AND ASBESTOS-CONTAINING TAN CAULKING LOCATED ON VARIOUS VERTICAL AND HORIZONTAL METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH ELEVATIONS OF THE ANNEX BUILDING AS SHOWN.

LEGEND

- ● VERTICAL CAULKING RUN
- ■ CAULKING ON BEAM
- HORIZONTAL CAULKING RUN

41373.

NOT TO SCALE

MONROE SCHOOL DISTRICT

ANNEX BUILDING
CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2019
DWG NO.	SHEET NO.
HM4	4 OF 5

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Wednesday, September 16, 2020

Gregg Middaugh
PBS Engineering and Environmental
214 E Galer St, Suite 300
Seattle, WA 98102

Re: ALS Workorder: 2009052
Project Name: Sky Valley E.C
Project Number:

Dear Mr. Middaugh:

Fourteen wipe samples were received from PBS Engineering and Environmental, on 9/2/2020. The samples were scheduled for the following analysis:

PCBs

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Marcela M. Hobgood
Project Manager

ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
AIHA	214884
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
PJ-LA (DoD ELAP/ISO 170250)	95377
Louisiana (LA)	05057
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

2009052

PCB:
The samples were analyzed using GC/ECD (electron capture detectors) according to the current revision of SOP 409 based on SW-846 Method 8082.

All acceptance criteria were met.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2009052
Client Name: PBS Engineering and Environmental
Client Project Name: Sky Valley E.C
Client Project Number:
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
Small CYM Beam	2009052-1		WIPE	28-Aug-20	12:00
Small CYM Door	2009052-2		WIPE	28-Aug-20	12:00
Annex Room F	2009052-3		WIPE	28-Aug-20	12:00
Annex Room D	2009052-4		WIPE	28-Aug-20	12:00
Pod Room 1	2009052-5		WIPE	28-Aug-20	12:00
Pod Room 4	2009052-6		WIPE	28-Aug-20	12:00
Pod Room 7	2009052-7		WIPE	28-Aug-20	12:00
Pod Room 11	2009052-8		WIPE	28-Aug-20	12:00
Pod Room 14	2009052-9		WIPE	28-Aug-20	12:00
Pod Room 18	2009052-10		WIPE	28-Aug-20	12:00
Admin Conference RMC	2009052-11		WIPE	28-Aug-20	12:00
Admin Counsler Office	2009052-12		WIPE	28-Aug-20	12:00
Blank	2009052-13		WIPE	28-Aug-20	12:00
Blank	2009052-14		WIPE	28-Aug-20	12:00

2009052

[For lab use only]

ANALYTICAL REQUEST FORM

1. ☒ REGULAR Status

☐ RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 8/28/2020 Purchase Order No. _____

3. Company Name PBS Engineering + Environmental

Address 214 E Galer St Suite 300,
Seattle, WA 98102

Person to Contact Ryan Hunter

Telephone (206) 266-7602

Fax Telephone ( ) _____

E-mail Address Ryan.Hunter@pbsusa.com

Billing Address (if different from above)
SDMG

4. Quote No. _____

ALS Project Manager _____

5. Sample Collection

Sampling Site SKY VALLEY E.C.

Industrial Process _____

Date of Collection 08/28/2020

Time Collected 9:20 - 12:00

Date of Shipment 8/31/2020

Chain of Custody No. 1

6. How did you first learn about ALS?

7. REQUEST FOR ANALYSES * EPA SW-8082 * RL = 1µg/100cm²

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
1	20-001	WIPE	—	SW8082 SMALL GYM BEAM	
2	20-002		—	SMALL GYM DOOR	
3	20-003		—	ANNEX ROOM F	
4	20-004		—	ANNEX ROOM D	
5	20-005		—	POD ROOM 1	
6	20-006		—	POD ROOM 4	
7	20-007		—	POD ROOM 7	
8	20-008		—	POD ROOM 11	
9	20-009		—	POD ROOM 14	
10	20-010		—	POD ROOM 18	
11	20-011		—	ADMIN CONFERENCE RM C	
12	20-012		—	ADMIN COUNSLER OFFICE	
13	20-013	↓	—	BLANK	
14	20-014	WIPE	—	SW8082 BLANK	

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other

** 1. µg/sample 2. mg/m³ 3. ppm 4. % 5. µg/m³ 6. _____ (other) Please indicate one or more units in the column entitled Units**

Comments _____

Possible Contamination and/or Chemical Hazards _____

7. Chain of Custody (Optional)

Relinquished by	Ryan Hunter	Date/Time	08/31/2020
Received by	Justin Russell	Date/Time	09-1-20 10:05
Relinquished by		Date/Time	
Received by		Date/Time	9/2/20 0830

960 West LeVoy Drive / Salt Lake City, UT 84123 800-356-9135 or 801-266-7700 / FAX: 801-268-9992
ALS Environmental

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client Name/ID: ALS SLC Workorder No: 2009052

Project Manager: JRK Initials: TM Date: 9/2/20

1. Are airbills / shipping documents present and/or removable?	☐ Drop Off	☑ YES	☐ NO	
2. Are custody seals on **shipping** containers intact?	☑ NONE	☐ YES	☐ NO*	
3. Are custody seals on **sample** containers intact?	☑ NONE	☐ YES	☐ NO*	
4. Is there a COC (chain-of-custody) present?		☑ YES	☐ NO*	
5. Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		☑ YES	☐ NO*	
6. Are short-hold samples present?		☐ YES	☑ NO	
7. Are all samples within holding times for the requested analyses?		☑ YES	☐ NO*	
8. Were all sample containers received intact? (not broken or leaking)		☑ YES	☐ NO*	
9. Is there sufficient sample for the requested analyses?		☑ YES	☐ NO*	
10. Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		☑ YES	☐ NO*	
11. Are all aqueous samples preserved correctly, if required?	☑ N/A	☐ YES	☐ NO*	
12. Were unpreserved samples pH checked, if required?	☑ N/A	☐ YES	☐ NO	
13. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm in diameter?	☑ N/A	☐ YES	☐ NO	
14. Were the samples shipped on ice?		☑ YES	☐ NO	
15. Were cooler temperatures measured at 0.1 - 6.0°C? IR gun used+: ☐ #3 ☑ #5	☐ Rad Only	☑ YES	☐ NO	

Cooler #: 1

Temperature (°C): 2.4

# of custody seals on cooler: 0

External mR/hr reading: 10

Background mR/hr reading: 12

Were external mR/hr readings ≤ two times background and within DOT acceptance criteria? (If no, see Form 008) ☐ N/A ☑ YES ☐ NO

* Please provide details below for 'NO' responses in gray boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

All client bottle ID's vs ALS lab ID's double-checked by: TM

If applicable, was the client contacted? ☐ YES ☑ N/A Contact Name Date:

Project Manager Signature / Date: 9-3-20

Form 201r30.xls
(06/04/2020)

+IR Gun #3, VWR SN 170647571
+IR Gun #5, VWR SN 192272629

2009052

8/31/2020

MICHELLE DODSON
2062339639
PBS ENGINEERING AND ENVIRONMEN
214 E GALER STREET
SEATTLE WA 98102

8LBS

1 OF 1

DWT: 12,11,8

SHIP TO:
SAMPLE RECEIVING
8002808071
ALS ENVIRONMENTAL
960 WEST LEVOY DRIVE
SALT LAKE CITY UT 84123

UT 841 9-22

UPS NEXT DAY AIR

1

TRACKING #: 1Z 155 T8T 01 9206 5377

BILLING: P/P

1Z155T8T0192065377

DWS - ID

ALS ENVIRONMENTAL
960 W LEVOY DR
SALT LAKE CITY UT 84123

P: BLACK S: TOPBLU I: 1C

119-1009

1030

5377

1Z155T8T0192065377

9159 N



ORIGIN ID:NPHA (801) 266-7700
SAMPLE RECEIVING
ALS LABORATORY
960 WEST LEVOY

SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 01SEP20
ACTWGT: 16.90 LB
CAD: 192107/CAFE3311

BILL SENDER

TO SAMPLING RECEIVING
ALS ENVIRONMENTAL – FORT COLLINS
225 COMMERCE DRIVE

FORT COLLINS CO 80524

10-0
2.4

(970) 490-1511
DEPT: SALT LAKE SHIPPING

REF: SALT LAKE SHIPPING

FedEx Express

TRK# 0201 1845 3910 6710

WED – 02 SEP 10:30A
PRIORITY OVERNIGHT

XH FTCA

80524
CO-US DEN

2009052

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Small CYM Beam	**Lab ID:**	2009052-1
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 10:57
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 10:57
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 10:57
Surr: TETRACHLORO-M-XYLENE	*92*		*69-129*	*%REC*	1	9/15/2020 10:57
Surr: DECACHLOROBIPHENYL	*92*		*55-135*	*%REC*	1	9/15/2020 10:57

Client: PBS Engineering and Environmental **Date:** *16-Sep-20*
Project: Sky Valley E.C **Work Order:** 2009052
Sample ID: Small CYM Door **Lab ID:** 2009052-2
Legal Location: **Matrix:** WIPE
Collection Date: 8/28/2020 12:00 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 11:20
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 11:20
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 11:20
Surr: TETRACHLORO-M-XYLENE	*90*		*69-129*	*%REC*	1	9/15/2020 11:20
Surr: DECACHLOROBIPHENYL	*87*		*55-135*	*%REC*	1	9/15/2020 11:20

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Annex Room F	**Lab ID:**	2009052-3
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1254	**1.4**		**0.5**	**UG/wipe**	1	9/15/2020 11:42
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 11:42
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 11:42
TOTAL PCB	**1.4**		**17**	**UG/wipe**	1	9/15/2020 11:42
Surr: TETRACHLORO-M-XYLENE	*92*		*69-129*	*%REC*	1	9/15/2020 11:42
Surr: DECACHLOROBIPHENYL	*90*		*55-135*	*%REC*	1	9/15/2020 11:42

Client: PBS Engineering and Environmental **Date:** *16-Sep-20*
Project: Sky Valley E.C **Work Order:** 2009052
Sample ID: Annex Room D **Lab ID:** 2009052-4
Legal Location: **Matrix:** WIPE
Collection Date: 8/28/2020 12:00 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 12:05
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 12:05
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 12:05
Surr: TETRACHLORO-M-XYLENE	*93*		*69-129*	*%REC*	1	9/15/2020 12:05
Surr: DECACHLOROBIPHENYL	*93*		*55-135*	*%REC*	1	9/15/2020 12:05

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Pod Room 1	**Lab ID:**	2009052-5
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 12:28
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 12:28
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 12:28
Surr: TETRACHLORO-M-XYLENE	*88*		*69-129*	*%REC*	1	9/15/2020 12:28
Surr: DECACHLOROBIPHENYL	*88*		*55-135*	*%REC*	1	9/15/2020 12:28

Client: PBS Engineering and Environmental **Date:** *16-Sep-20*
Project: Sky Valley E.C **Work Order:** 2009052
Sample ID: Pod Room 4 **Lab ID:** 2009052-6
Legal Location: **Matrix:** WIPE
Collection Date: 8/28/2020 12:00 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 12:50
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 12:50
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 12:50
Surr: TETRACHLORO-M-XYLENE	*93*		*69-129*	*%REC*	1	9/15/2020 12:50
Surr: DECACHLOROBIPHENYL	*92*		*55-135*	*%REC*	1	9/15/2020 12:50

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Pod Room 7	**Lab ID:**	2009052-7
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 14:21
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 14:21
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 14:21
Surr: TETRACHLORO-M-XYLENE	*91*		*69-129*	*%REC*	1	9/15/2020 14:21
Surr: DECACHLOROBIPHENYL	*89*		*55-135*	*%REC*	1	9/15/2020 14:21

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Pod Room 11	**Lab ID:**	2009052-8
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 15:30
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 15:30
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 15:30
Surr: TETRACHLORO-M-XYLENE	*93*		*69-129*	*%REC*	1	9/15/2020 15:30
Surr: DECACHLOROBIPHENYL	*92*		*55-135*	*%REC*	1	9/15/2020 15:30

Client: PBS Engineering and Environmental **Date:** *16-Sep-20*
Project: Sky Valley E.C **Work Order:** 2009052
Sample ID: Pod Room 14 **Lab ID:** 2009052-9
Legal Location: **Matrix:** WIPE
Collection Date: 8/28/2020 12:00 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 15:52
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 15:52
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 15:52
Surr: TETRACHLORO-M-XYLENE	*98*		*69-129*	*%REC*	1	9/15/2020 15:52
Surr: DECACHLOROBIPHENYL	*96*		*55-135*	*%REC*	1	9/15/2020 15:52

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Pod Room 18	**Lab ID:**	2009052-10
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1254	**1.5**		**0.5**	**UG/wipe**	1	9/15/2020 16:15
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 16:15
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 16:15
TOTAL PCB	**1.5**		**17**	**UG/wipe**	1	9/15/2020 16:15
Surr: TETRACHLORO-M-XYLENE	*100*		*69-129*	*%REC*	1	9/15/2020 16:15
Surr: DECACHLOROBIPHENYL	*102*		*55-135*	*%REC*	1	9/15/2020 16:15

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Admin Conference RMC	**Lab ID:**	2009052-11
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 16:38
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 16:38
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 16:38
Surr: TETRACHLORO-M-XYLENE	*89*		*69-129*	*%REC*	1	9/15/2020 16:38
Surr: DECACHLOROBIPHENYL	*88*		*55-135*	*%REC*	1	9/15/2020 16:38

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Admin Counsler Office	**Lab ID:**	2009052-12
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 17:01
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 17:01
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 17:01
Surr: TETRACHLORO-M-XYLENE	*94*		*69-129*	*%REC*	1	9/15/2020 17:01
Surr: DECACHLOROBIPHENYL	*97*		*55-135*	*%REC*	1	9/15/2020 17:01

Client: PBS Engineering and Environmental
Project: Sky Valley E.C
Sample ID: Blank
Legal Location:
Collection Date: 8/28/2020 12:00

Date: *16-Sep-20*
Work Order: 2009052
Lab ID: 2009052-13
Matrix: WIPE
Percent Moisture:

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 17:23
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 17:23
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 17:23
Surr: TETRACHLORO-M-XYLENE	*98*		*69-129*	*%REC*	1	9/15/2020 17:23
Surr: DECACHLOROBIPHENYL	*100*		*55-135*	*%REC*	1	9/15/2020 17:23

Client: PBS Engineering and Environmental **Date:** *16-Sep-20*
Project: Sky Valley E.C **Work Order:** 2009052
Sample ID: Blank **Lab ID:** 2009052-14
Legal Location: **Matrix:** WIPE
Collection Date: 8/28/2020 12:00 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBs		**SW8082**		Prep Date: **9/11/2020**		PrepBy: **CPC**
AROCLOR-1016	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1221	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1232	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1242	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1248	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1254	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1260	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1262	ND		0.5	UG/wipe	1	9/15/2020 17:46
AROCLOR-1268	ND		0.5	UG/wipe	1	9/15/2020 17:46
TOTAL PCB	ND		17	UG/wipe	1	9/15/2020 17:46
Surr: TETRACHLORO-M-XYLENE	*97*		*69-129*	*%REC*	1	9/15/2020 17:46
Surr: DECACHLOROBIPHENYL	*100*		*55-135*	*%REC*	1	9/15/2020 17:46

Client:	PBS Engineering and Environmental	**Date:**	*16-Sep-20*
Project:	Sky Valley E.C	**Work Order:**	2009052
Sample ID:	Blank	**Lab ID:**	2009052-14
Legal Location:		**Matrix:**	WIPE
Collection Date:	8/28/2020 12:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed

Explanation of Qualifiers

Radiochemistry:

- "Report Limit" is the MDC

U or ND - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

W - DER is greater than Warning Limit of 1.42

* - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.
# - Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.
G - Sample density differs by more than 15% of LCS density.
D - DER is greater than Control Limit

M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit.

P - LCS, Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

NC - Not Calculated for duplicate results less than 5 times MDC

B - Analyte concentration greater than MDC.

B3 - Analyte concentration greater than MDC but less than Requested MDC.

Inorganics:

B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).

U or ND - Indicates that the compound was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

M - Duplicate injection precision was not met.

N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

* - Duplicate analysis (relative percent difference) not within control limits.

S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

Organics:

U or ND - Indicates that the compound was analyzed for but not detected.

B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.

E - Analyte concentration exceeds the upper level of the calibration range.

J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).

A - A tentatively identified compound is a suspected aldol-condensation product.

X - The analyte was diluted below an accurate quantitation level.

* - The spike recovery is equal to or outside the control criteria used.

+ - The relative percent difference (RPD) equals or exceeds the control criteria.

G - A pattern resembling gasoline was detected in this sample.

D - A pattern resembling diesel was detected in this sample.

M - A pattern resembling motor oil was detected in this sample.

C - A pattern resembling crude oil was detected in this sample.

4 - A pattern resembling JP-4 was detected in this sample.

5 - A pattern resembling JP-5 was detected in this sample.

H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.

L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.

Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
- gasoline
- JP-8
- diesel
- mineral spirits
- motor oil
- Stoddard solvent
- bunker C

Batch ID: **EX200911-1-1** Instrument ID **Pest-1** Method: **SW8082**

LCS Sample ID: **EX200911-1** Units: **UG/wipe** Analysis Date: **9/15/2020 18:09**

Client ID: Run ID: **PT200915-11** Prep Date: **9/11/2020** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
AROCLOR-1016	0.143	0.0167	0.133		107	80-120				50	
AROCLOR-1260	0.154	0.0167	0.133		115	80-125				50	
Surr: TETRACHLORO-M-XYLENE	0.0166		0.0167		100	69-129					
Surr: DECACHLOROBIPHENYL	0.0173		0.0167		104	55-135					

LCSD Sample ID: **EX200911-1** Units: **UG/wipe** Analysis Date: **9/15/2020 18:32**

Client ID: Run ID: **PT200915-11** Prep Date: **9/11/2020** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref	RPD	RPD Limit	Qual
AROCLOR-1016	0.134	0.0167	0.133		100	80-120		0.143	6	50	
AROCLOR-1260	0.144	0.0167	0.133		108	80-125		0.154	6	50	
Surr: TETRACHLORO-M-XYLENE	0.0154		0.0167		92	69-129			8		
Surr: DECACHLOROBIPHENYL	0.0163		0.0167		98	55-135			6		

MB Sample ID: **EX200911-1** Units: **UG/wipe** Analysis Date: **9/15/2020 10:34**

Client ID: Run ID: **PT200915-11** Prep Date: **9/11/2020** DF: **1**

Analyte	Result	ReportLimit	Qual
AROCLOR-1016	ND	0.017	
AROCLOR-1221	ND	0.017	
AROCLOR-1232	ND	0.017	
AROCLOR-1242	ND	0.017	
AROCLOR-1248	ND	0.017	
AROCLOR-1254	ND	0.017	
AROCLOR-1260	ND	0.017	
AROCLOR-1262	ND	0.017	
AROCLOR-1268	ND	0.017	
TOTAL PCB	ND	17	
Surr: TETRACHLORO-M-XYLENE	0.0152	91	69-129
Surr: DECACHLOROBIPHENYL	0.0153	92	55-135

The following samples were analyzed in this batch:

2009052-1	2009052-2	2009052-3
2009052-4	2009052-5	2009052-6
2009052-7	2009052-8	2009052-9
2009052-10	2009052-11	2009052-12
2009052-13	2009052-14	