FULCRUM environmental consulting

September 5, 2017

Monroe School District
Attn: Devlin Piplic, Director of Facilities
200 East Fremont
Monroe, Washington 98272

RE: Quarterly Air and Wipe Sampling – July 2017
Sky Valley Educational Center, 351 Short Columbia Street, Monroe, Washington

Dear Devlin:

On July 24 and 25, 2017, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed a sampling event at Sky Valley Educational Center for the presence of polychlorinated biphenyls (PCBs) in air and on non-porous surface. The purpose of the sampling event was to evaluate all areas of the building from which PCB-containing caulk was removed in 2016 as specified in Monroe School District's Corrective Action Plan, dated May 25, 2016. See Attachment A for site photographs of air sample location and Attachment B for site photographs of wipe sample locations.

Background

In summer 2016, PCB-containing caulk and light fixtures were remediated at Sky Valley Educational Center in the Administration, Annex, Gymnasium, Classroom Pod/Library, and the Technology buildings. Following remediation samples were collected and analyzed to evaluate site conditions. In December 2016 the 1st quarter PCB sampling event was completed, which included collection of 50 air samples and 10 wipe samples. Seven samples and one field blank were identified with PCBs, including samples collected from Room F in the Annex Building; the Gathering Place – East, Small Gym, Girls Locker room, Girls Locker room Storage, and Electrical room of the Small Gym, and the CTE room of the Gym Building. All of the samples with detectable PCBs occurred sequential and at the end of the sampling process. As a results, the consultant concluded, following a review of the results and sampling media handling practices, that the sampling media was contaminated during the handling process and recommended that retesting be completed.

In March 2017, Fulcrum completed air and wipe sampling of select areas in SVEC, including each area where a sample with detectable PCBs were indented during the December 2016 event and four electrical rooms that had not been previously evaluated. No PCBs were found in any of the air samples and low concentrations of PCBs were found in two samples collected from concrete floors in the Large Gym Electrical Room and the CTE Electrical Room.

In April 2017, Fulcrum completed air and wipe sampling of selected areas in SVEC in the Administration, Annex, Gymnasium and Classroom Pod/Library. No PCBs were detected at the method reporting limits during the April 2017 event.

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Scope of Work

Consistent with the District's Corrective Action Plan, a sampling event was scheduled during the summer in which building would experience the highest annual temperatures. Fulcrum's scope of work consisted of the collection of air samples and wipe samples from select locations at Sky Valley Educational Center for the presence of PCBs and consisted of the following tasks:

- Collected 54 air samples for PCBs in air with each sample consisting of approximate 2,000 liters of air collected during a period of about 6.8 hours.
- Submitted collected air samples, three field blanks, and three laboratory blanks for analysis by U.S. Environmental Protection Agency (EPA) Method TO-10a to determine PCB content.
- Collected 12 wipe samples from non-porous surfaces with laboratory provided hexane wipe media.
- Collected two duplicate wipe samples from locations immediately adjacent to project samples non-porous surfaces with laboratory provided hexane wipe media.
- Submitted collected wipe samples, two duplicate samples, one field blank, one laboratory blank and one trip blank for analysis by EPA Method 8082 to determine PCB content.
- Prepared this single summary letter report with the associated laboratory results and revised sample figures.

Fulcrum's services were provided to Monroe School District in evaluation of the Sky Valley Educational Center located at 351 Short Columbia Street in Monroe, Washington. Fulcrum's assessment did not include evaluation of non-readily accessible areas such as sealed wall cavities, beneath wall or floor coverings, etc. except those specifically identified in this report. Results are specific to the time and day of inspection and may not reflect conditions at other times.

Sampling Event

Fulcrum collected air and wipe samples on July 24 and 25, 2017. Outdoor temperatures on the days of the sampling, as reported at Paine Field in Everett, Washington was 75 degrees Fahrenheit (°F) and 81°F on the two days. Fulcrum's sampling event was completed in conformance with the Quality Assurance Project Plan (QAPP) prepared for the project.[1] See Attachment C for project figures.

Sample Analytical Process

Samples collected during the project were submitted to ALS Global laboratories. All samples were submitted under chains-of-custody and delivered by commercial carrier in an insulated cooler with reusable freezer packets. All air sample cassettes were prepared and delivered to Fulcrum by ALS Global's Simi Valley (ALS-Simi Valley). All wipe sample media was prepared and delivered to Fulcrum by ALS Global's Cincinnati (ALS-Cincinnati). In preparation for the sample event, ALS-Cincinnati, the project laboratory for much of the prior work within the building, reported that as a result of an in-progress renovation of the PCB air laboratory

[1] Fulcrum, *Quality Assurance Project Plan, Polychlorinated Biphenyl Sampling in Air and Non-Porous Surfaces for Monroe School District*, Sky Valley Educational Center, Revision 4.0, Issued April 4, 2017.

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that analysis would need to be completed at a separate ALS Global facility and ALS identified the Simi Valley laboratory as being capable.

Project air samples were submitted to ALS Global's air quality analytical laboratory in Simi Valley, California (ALS-Simi Valley) for analysis. However, following ALS-Simi Valley analysis and reporting, Fulcrum determined during review of quality assurance and quality control (QA/QC) evaluation that the analytical detection limits were not low enough to meet project objectives and EPA standards. Fulcrum notified ALS-Simi Valley of the deficiency and following an internal review, ALS-Simi Valley transferred remaining sample extract to ALS Salt Lake City (ALS-Salt Lake) for analysis. Laboratory performance by ALS-Salt Lake meet minimum project reporting limits. Only the final ALS-Salt Lake laboratory results are included in the attachments.

See Attachment D for ALS-Salt Lake laboratory results and all chains-of-custody for project air samples. Air samples were submitted by Fulcrum on July 27, 2017 to ALS-Simi Valley under two chain-of custody, extracts were obtained and transferred to ALS-Salt Lake on August 24, 2017. The associated ALS-Salt Lake work order is 34-1723680 and 34-1723682.

See Attachment E for ALS-Cincinnati laboratory results and the chain-of-custody for project wipe samples. Wipe Samples were submitted on July 27, 2017 to ALS-Cincinnati under two chains-of-custody. The associated ALS-Cincinnati work order is 1707841.

Air Sampling

Air sampling was completed as described in EPA Method TO-10a.[2] Sampling utilized a polyurethane foam (PUF) sample media in a borosilicate glass cassette. Air is pulled through the PUF filter by an air pump which is connected by clear Tygon-type tubing.

Flow calibration was measured both before and after sample collection by a TSI 4046 primary calibrator. The primary calibrator was factory calibrated in January 2017. Samples were collected at a rate of 5 liters per minute (LPM) for 420 minutes and totaled 2,100 liters (L) in volume.

Wipe Sampling

All wipe samples were collected with laboratory provided hexane saturated cotton gauze, stored in 2-ounce borosilicate glass jars. Wipe samples were preferentially collected from either staining on a transformer(s) present within the area or from the area of the underlying flooring with the most dust accumulation. See Attachment B for site photographs of wipe sample locations.

[2] U.S. Environmental Protection Agency, *Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using Low Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)*, January 1999.

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Each wipe was collected from the substrate surface within a disposable paper template that measured 10 centimeters (cm) by 10 cm, for a total area of 100 square cm (cm^2). Each individual wipe was returned to the sampling jar immediately following sample collection.

All samples were collected from the surface of the epoxy sealant present on the substrate. Substrate materials included brick, concrete, metal, plaster, or laminate and was present on walls, door or window frames, or overhead beams.

Laboratory Results

ALS-Salt Lake completed analysis of air samples and ALS-Cincinnati completed analysis of wipe samples collected during this project. Air samples were submitted under two separate chains-of-custody and were processed as two separate batches as 34-1723680 and 34-1723682. The laboratory reports for the air samples are included in Attachment D. Wipe samples were submitted under one chain-of-custody and were identified by ALS-Cincinnati as batch 1707841. See Attachment E for the laboratory report for project wipe samples.

Table 1: Air Sample Results

Sample	Location	Sample Volume (L)	Result
72417-POD-RM01	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM02	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM03	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM04	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM05	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM06	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM07	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM08	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM09	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM10	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM11	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM12	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM13	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM14	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM15	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM16	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM17	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM18	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM19	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM20	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM21	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM22	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM23	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-RM24	POD and Library	2,100	< 47.6 ng/m^3

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Table 1: Air Sample Results (continued)

Sample	Location	Sample Volume (L)	Result[1]
72417-POD-Ncenter	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-Ecenter	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-Scenter	POD and Library	2,100	< 47.6 ng/m^3
72417-POD-Library	POD and Library	2,100	< 47.6 ng/m^3
72417-ADM-Nurse	Admin Building	2,100	< 47.6 ng/m^3
72417-FB	Field Blank	-	< 47.6 ng/m^3
72417-LB	Lab Blank	-	< 47.6 ng/m^3
72517-ADM-SEoffice	Admin Building	2,100	< 47.6 ng/m^3
72517-ADM-Soffice	Admin Building	2,100	< 47.6 ng/m^3
72517-ADM-SWoffice	Admin Building	2,100	< 47.6 ng/m^3
72517-ADM-Woffice	Admin Building	2,100	< 47.6 ng/m^3
72517-ADM-Conference	Admin Building	2,100	< 47.6 ng/m^3
72517-ADM-StaffRM	Admin Building	2,100	< 47.6 ng/m^3
72517-GYM-Gathering Place	Gym Building	2,100	< 47.6 ng/m^3
72517-GYM-CTE	Gym Building	2,100	< 47.6 ng/m^3
72517-GYM-Girls Locker	Gym Building	2,100	< 47.6 ng/m^3
72517-GYM-GirlsLocker Storage	Gym Building	2,100	< 47.6 ng/m^3
72517-GYM-Small Gym	Gym Building	2,100	< 47.6 ng/m^3
72517-GYM-Electrical	Gym Building	2,100	< 47.6 ng/m^3
72517-ANX-RM B	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RM A	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX- East Hallway	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX- Boys Bathroom	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RM C	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RM D	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RME East	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RME West	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-RM F	Annex Building	2,100	< 47.6 ng/m^3
72517-ANX-Hallway North	Annex Building	2,100	< 47.6 ng/m^3
72417-LB	Lab Blank	-	< 47.6 ng/m^3
72417-FB	Field Blank	-	< 47.6 ng/m^3
72517-LB	Lab Blank	-	< 47.6 ng/m^3
72517-FB	Field Blank	-	< 47.6 ng/m^3

[1] Aroclor 1221 reports a method reporting limit of 95.2

Laboratory analysis did not identify any airborne PCBs within the samples collected and analyzed during this event. All method reporting limits were significantly below the EPA regulatory threshold for PCBs in air of 100 nanograms per cubic meter (ng/m^3) of air.

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Table 2: Wipe Sample Results

Sample	Location	Component & Substrate below Epoxy	Result
72417-POD-RM03	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM04	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM08	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM11	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM14	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM17	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM20A	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72417-POD-RM20B	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm^2
72517-ADM-Seoffice	Admin Building	Plaster wall and laminate countertop	< 0.10 µg/cm^2
72517-ADM-Woffice	Admin Building	Plaster wall and laminate countertop	< 0.10 µg/cm^2
72517-GYM-Girls Locker Storage	Gym Building	Metal window frame and brick wall	< 0.10 µg/cm^2
72517-GYM-Small Gym A	Gym Building	Metal door frame and brick wall	< 0.10 µg/cm^2
72517-GYM-Small Gym B	Gym Building	Metal door frame and brick wall	< 0.10 µg/cm^2
72517-ANX-RM F	Annex Building	Metal window frame and brick wall	< 0.10 µg/cm^2
72517-LB	Field Blank	-	< 0.10 µg/cm^2
72517-FB	Lab Blank	-	< 0.10 µg/cm^2
72517-Trip Blank	Trip Blank	-	< 0.10 µg/cm^2

No PCB concentrations were identified at any of the wipe sampling locations. All method reporting limits were significantly below the EPA regulatory threshold for PCBs on building surfaces.

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Analytical Discrepancies

ALS-Semi Valley reported the following discrepancies occurred during laboratory analysis:

- 34-1723680 and 34-1723682: No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. Project field blanks and laboratory blanks all reported non-detected concentrations of PCBs at the method reporting limit. ALS-Salt Lake project method blank (MB), laboratory control spike (LCS), and LCS duplicate (LCSD) all met analytical performance objectives.

ALS-Cincinnati reported the following discrepancies occurred during laboratory analysis:

- 1707841: No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

All final sample results and laboratory quality control documentation was reviewed. All final analytical met the project quality control criteria and produced reliable results that would have identified PCBs at the applicable action level.

Conclusions & Recommendations

No PCBs were reported at the method reporting limits in any of the air or wipe samples collected and submitted for analysis. Based on the results of the wipe testing, the selected epoxy paint is effectively encapsulating the remnant PCB contamination that is within the porous substrate materials. No airborne or settled PCB hazards were found to be present in the building.

If you have any questions, please contact me at 509.574.0839.

Sincerely,

Nathan Bostrom
Senior Environmental Technician

Ryan K. Mathews, CIH, CHMM
Principal

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EXPIRES
12-1-2021
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RYAN K. MATHEWS, CIH

Attachments

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Attachment A

Site Photographs
Air Samples

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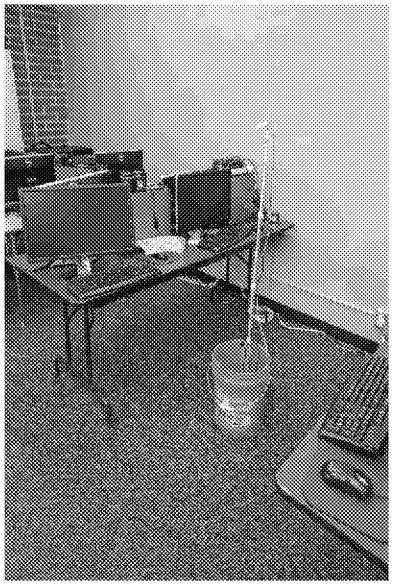
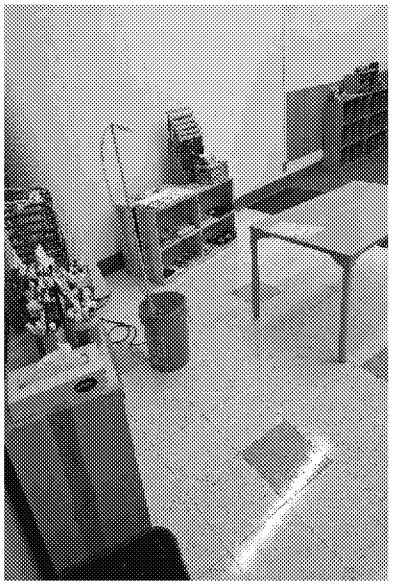


72417-POD-RM1: POD room 1.

72417-POD-RM2: POD room 2.

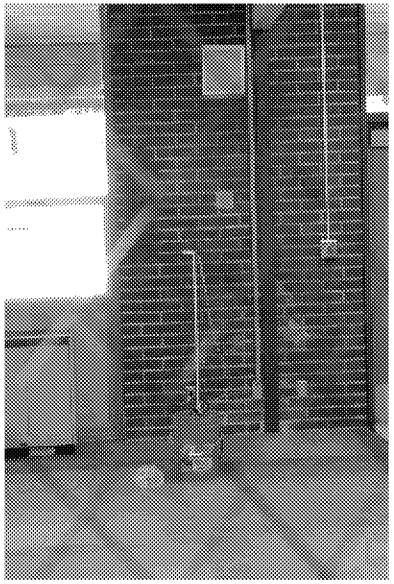
72417-POD-RM3: POD room 3.



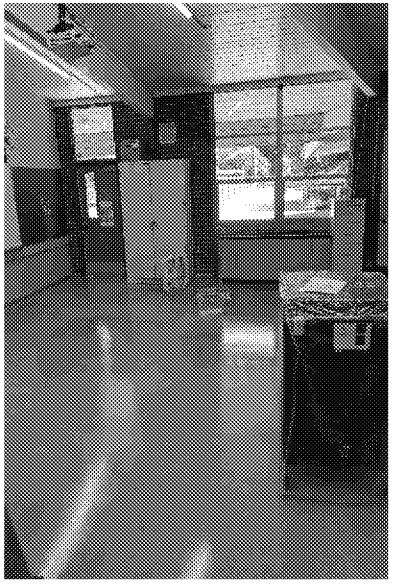
72417-POD-RM4: POD room 4.

72417-POD-RM5: POD room 5.

72417-POD-RM6: POD room 6.

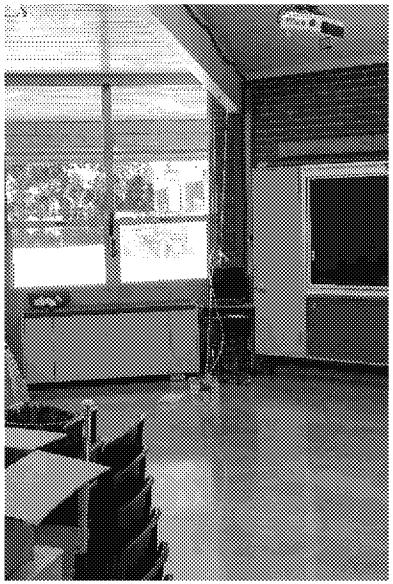


72417-POD-RM7: POD room 7.

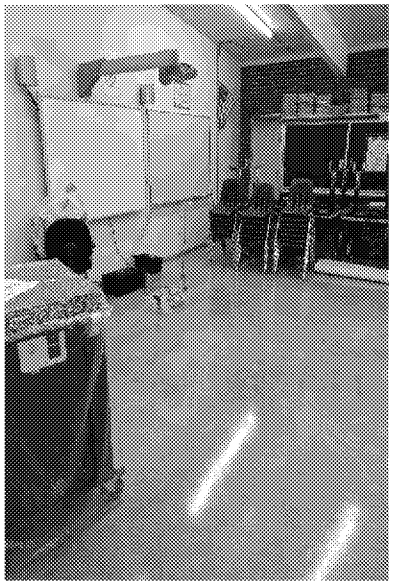


72417-POD-RM8: POD room 8.

72417-POD-RM9: POD room 9.

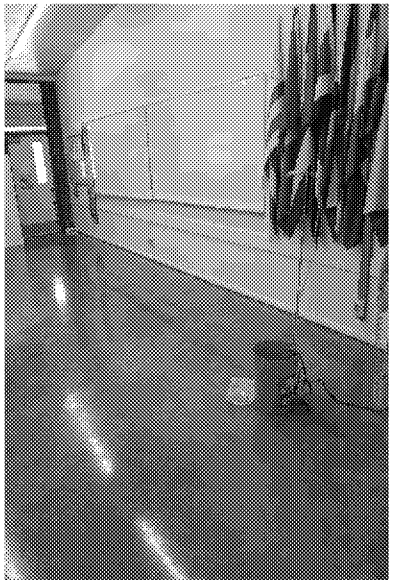


72417-POD-RM10: POD room 10.

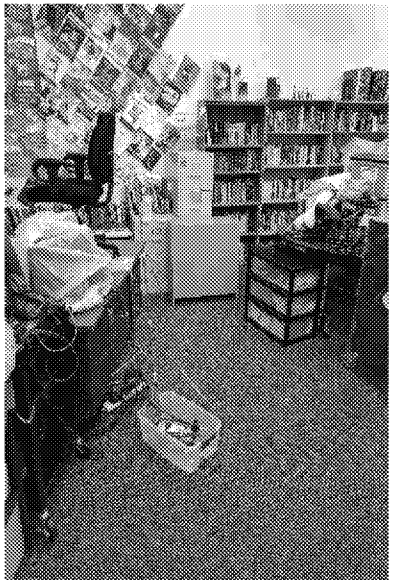


72417-POD-RM11: POD room 11.

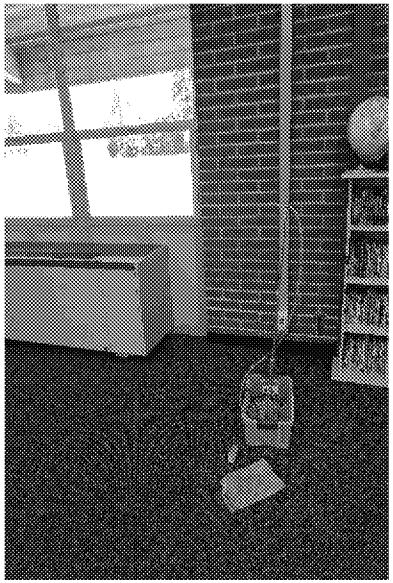
72417-POD-RM12: POD room 12.



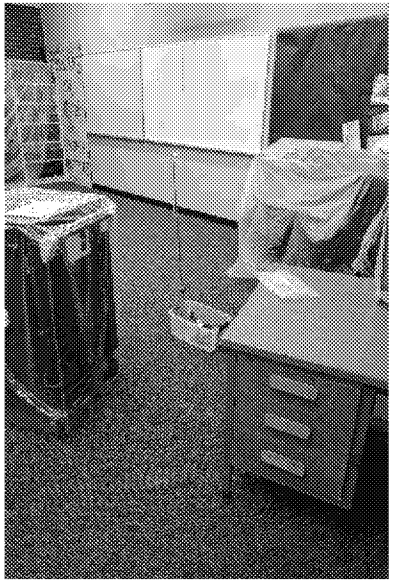
72417-POD-RM1: POD room 13.



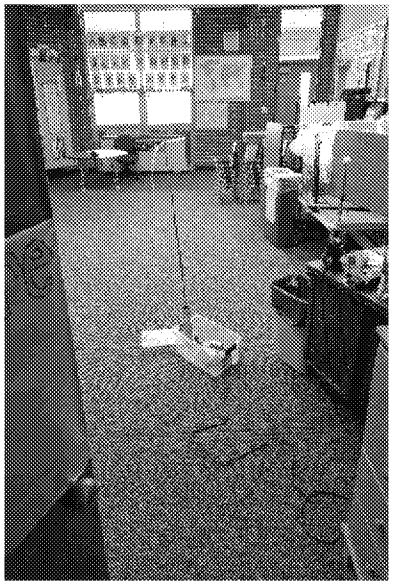
72417-POD-RM15: POD room 14.



72417-POD-RM15: POD room 15.

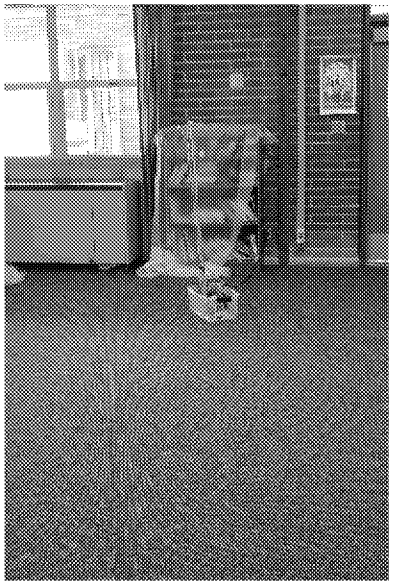


72417-POD-RM16: POD room 16.

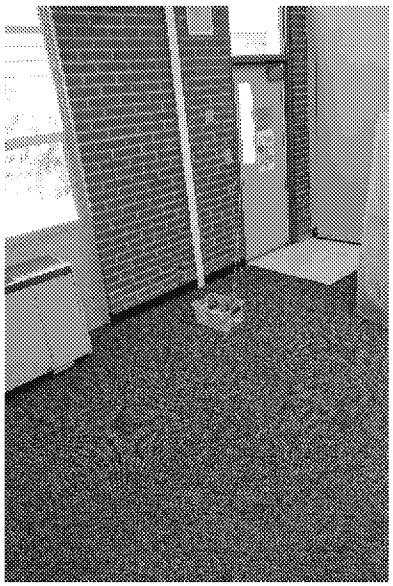


72417-POD-RM17: POD room 17.

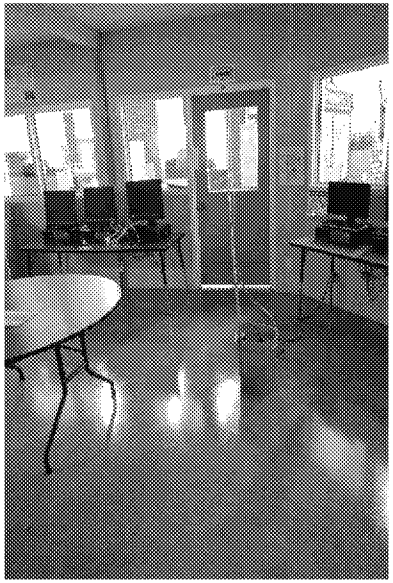
72417-POD-RM18: POD room 18.



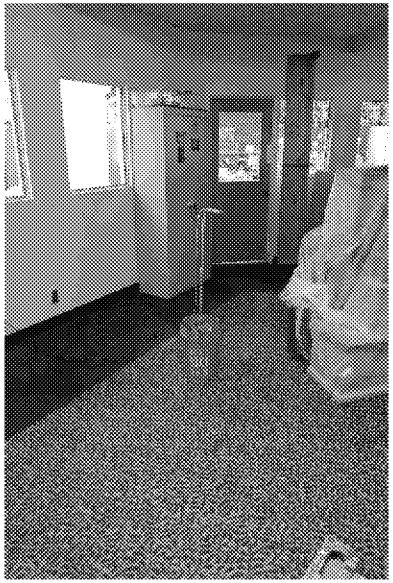
72417-POD-RM19: POD room 19.



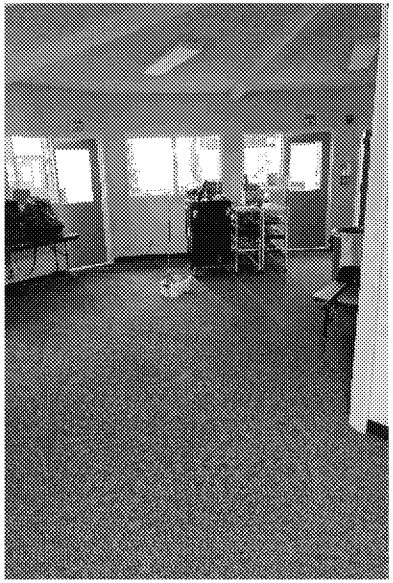
72417-POD-RM20: POD room 20.



72417-POD-Ecenter: POD east center.

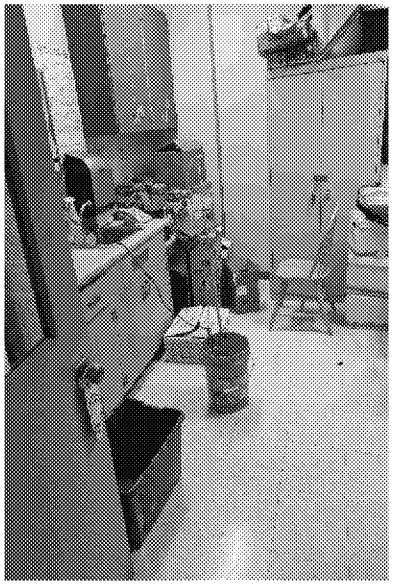


72417-POD-Scenter: south center.

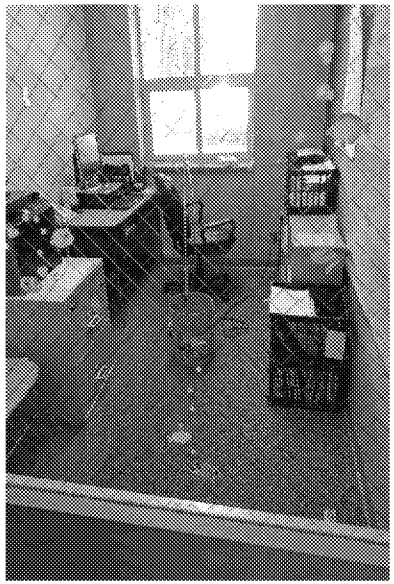


72417-POD-Ncenter: north center.

72417-POD-Library: POD library.

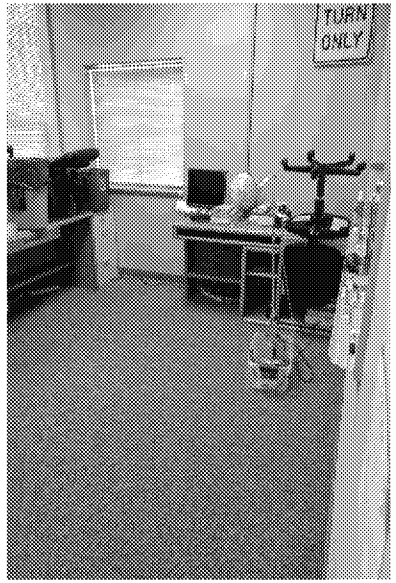


72417-ADM-Nurse: Admin office nurse's office.

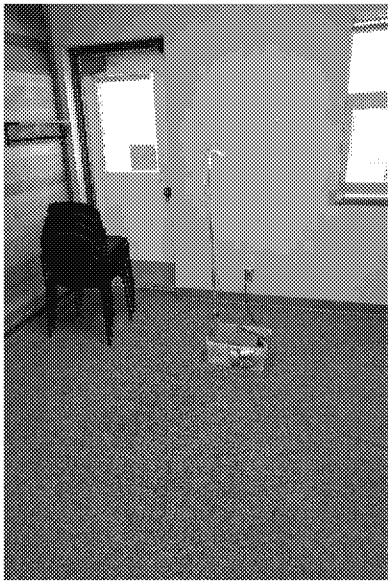


72517-ADM-SEoffice: Admin south east office.

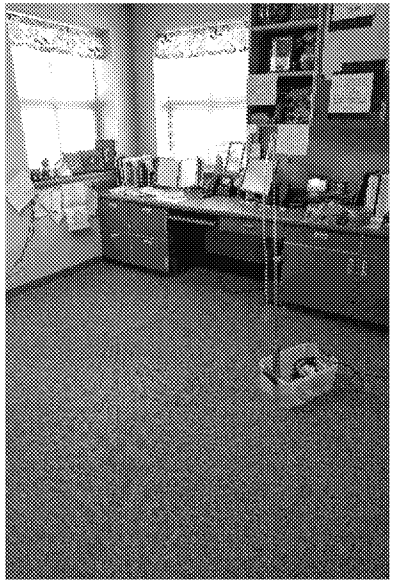
72517-ADM-Soffice: Admin south office.



72517-ADM-SWoffice: Admin south west office.



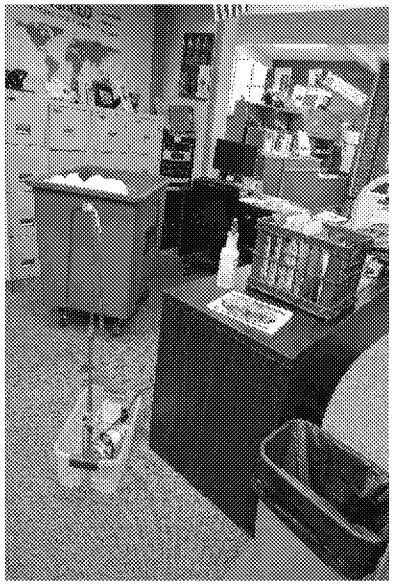
72517-ADM-Woffice: Admin west office.



72517-ADM-NWoffice: Admin northwest office.

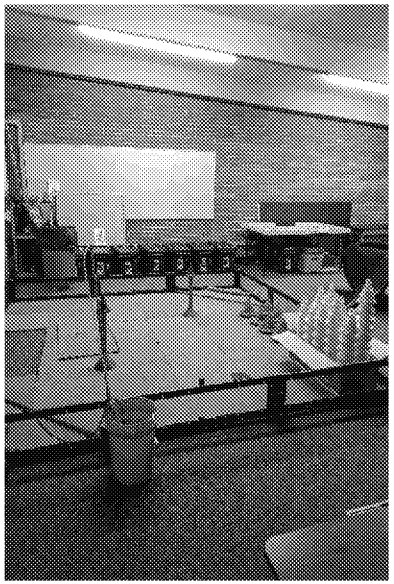
72517-ADM-Conference: Admin conference.

72517-ADM-Staff Room: Admin staff room.

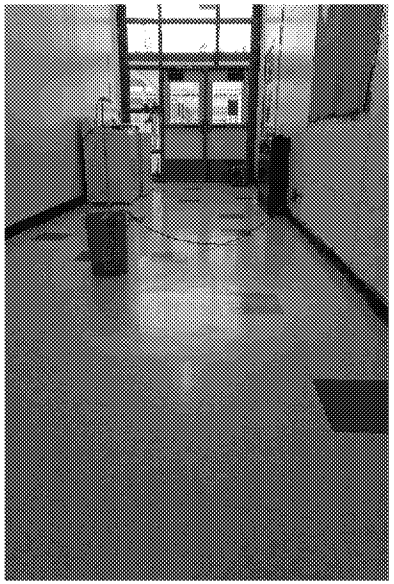


72517-ADM-Office Center: Admin office center.

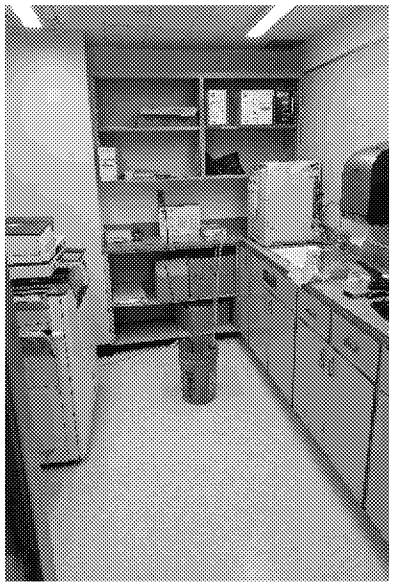
72517-ANX-RMA: Annex room A.



72517-ANX-RMB: Annex room B.



72517-ANX-Ehallway: Annex east hallway.

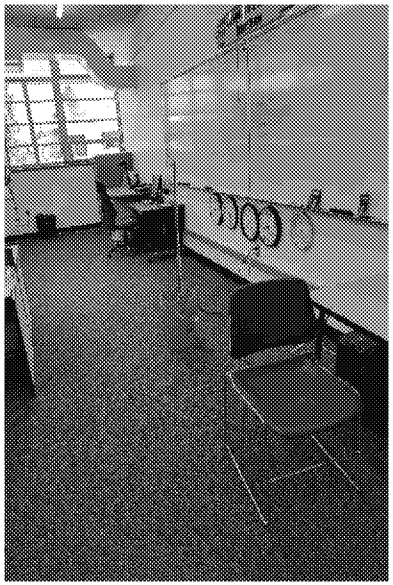


72517-ANX-RM B Office Supplies: Annex room B office supplies.

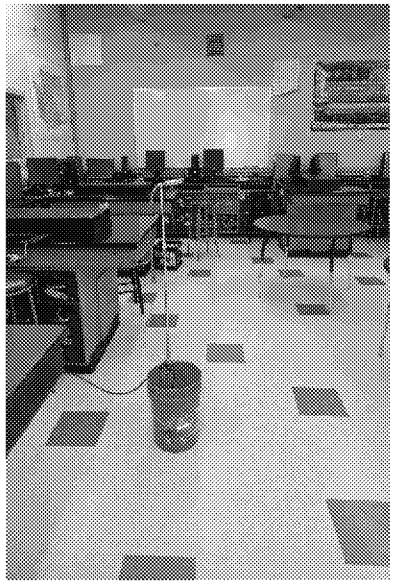
72517-ANX-Boys bathroom: Annex boys bathroom.

72517-ANX-RMC: annex room C.

72517-ANX-RMD: Annex room D.

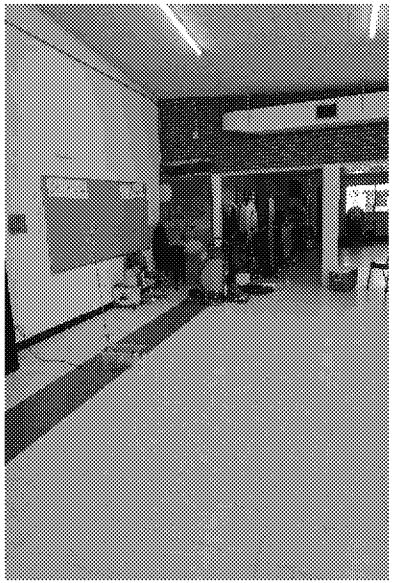


72517-ANX-RME east: Annex room E east.

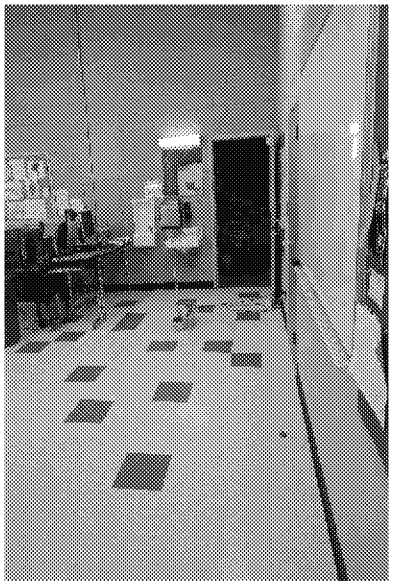


72517-ANX-RMF: Annex room F.

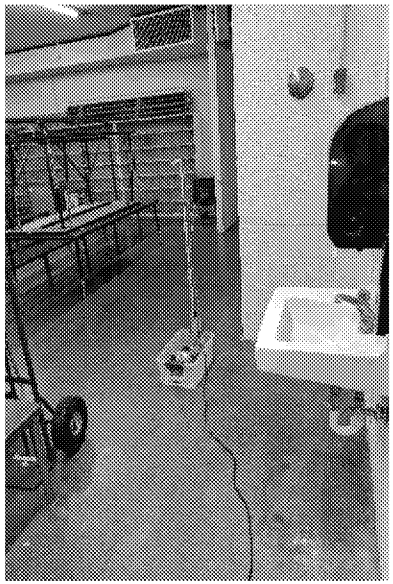
72517-ANX-Nhallway: Annex north hallway.



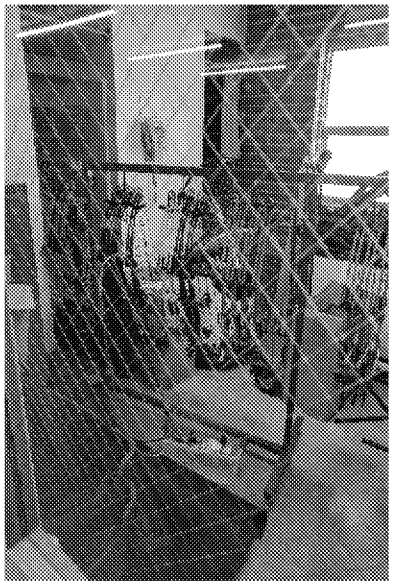
72517-GYM-Gathering: Gymnasium Building gathering room.



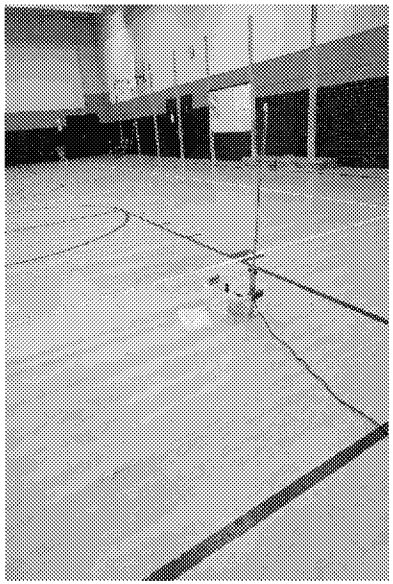
72517-GYM-CTE: Gymnasium Building CTE classroom.



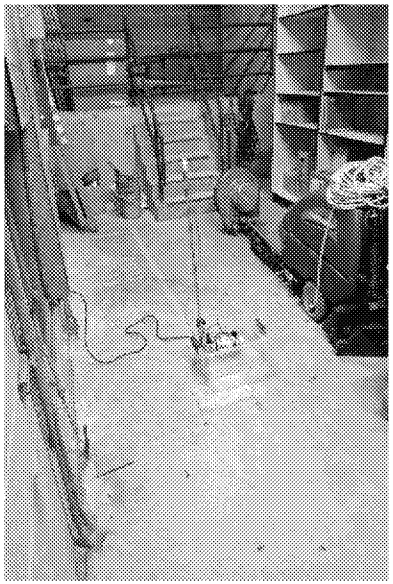
72517-GYM-Girls Lockers: Gymnasium Building girl's lockers.



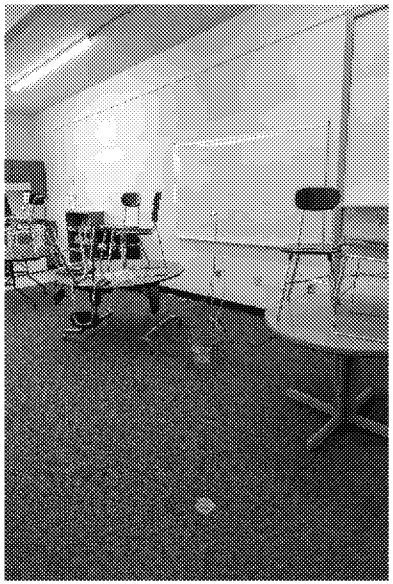
72517-GYM-Girls Lockers Storage: Gymnasium Building girl's lockers storage.



72517-GYM-SmallGym: Gymnasium Building small gymnasium.



72517-GYM-Electric Room:
small gymnasium electric room.



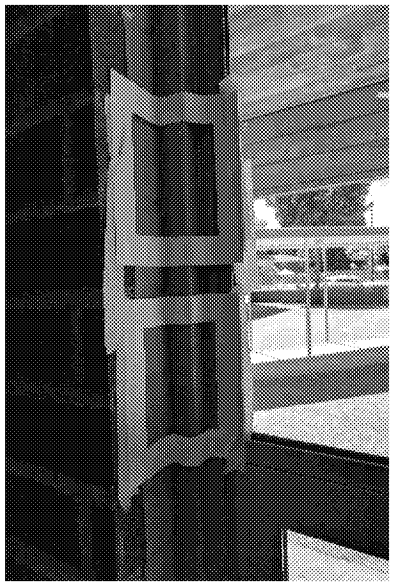
42517-ANX-RME west: Annex
room E west.

Attachment B

Site Photographs
Wipe Samples

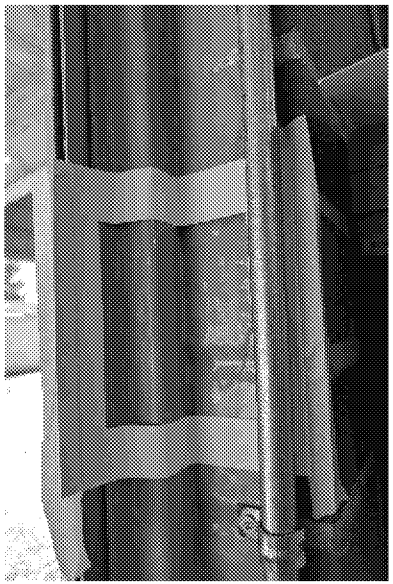
P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

72417-POD-RM20A: POD room 20 on window frame.

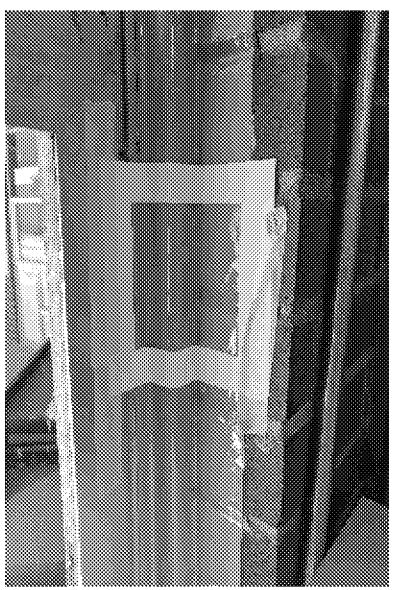


72417-POD-RM20B: POD room 20 on window frame.

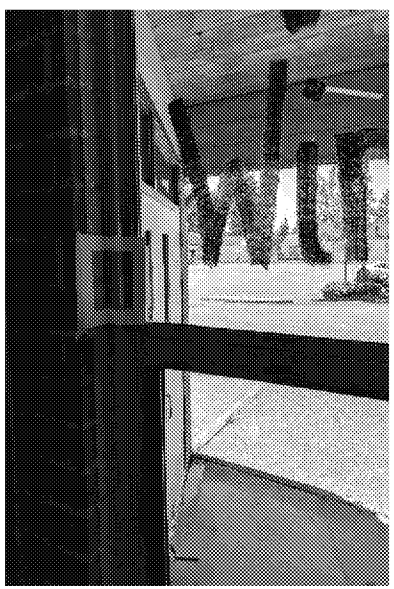
72417-POD-RM17: POD room 17 on window frame.



72417-POD-RM11 – POD room 11 on window frame.

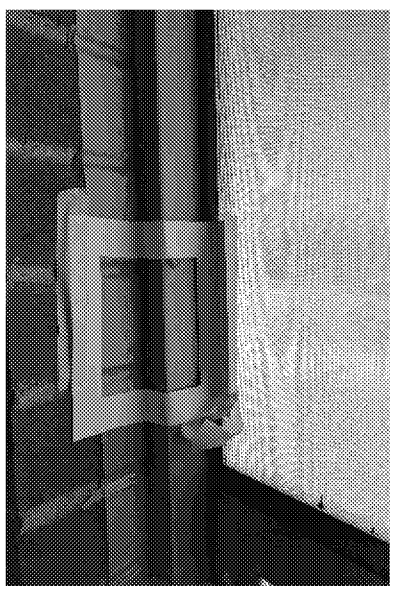


72417-POD-RM08: POD room 8 on window frame.

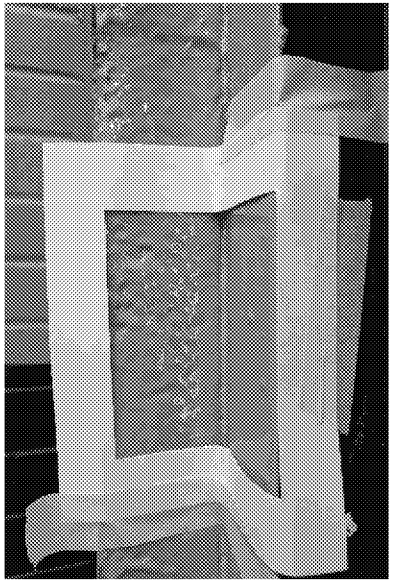


72417-POD-RM03: POD room 3 on window frame.

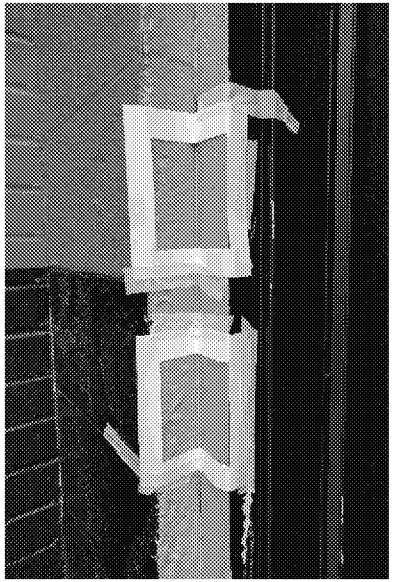
72417-POD-RM04: POD room 4 on window frame.



72417-GYM-Girls Locker Storage: girl's locker storage on window frame.

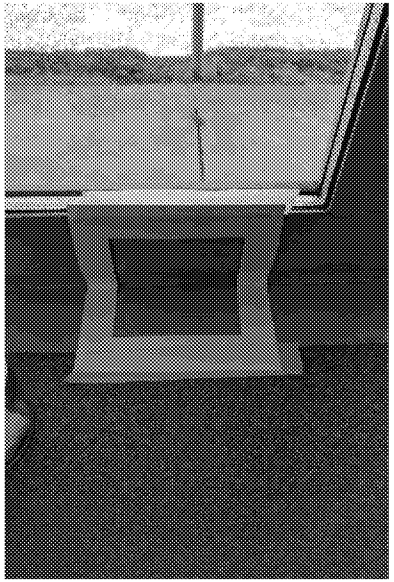


72417-GYM-Small Gym A: northwest door frame in small gymnasium.



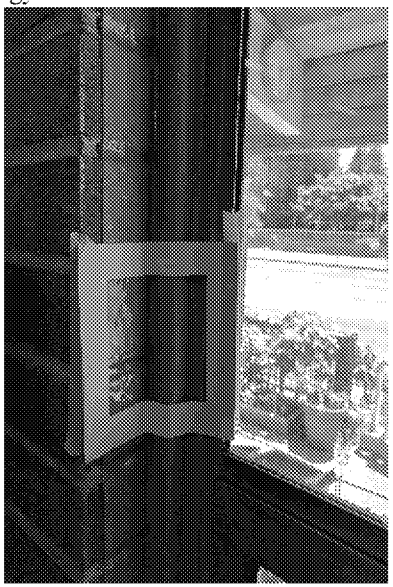
72417-GYM-Small Gym B- northwest door frame in small gymnasium.

72417-ADM-SEoffice – Admin southeast office window frame.



72417-ADM-Woffice: Admin west office window frame.

72417-ANX-RMF: Annex room F on window frame.

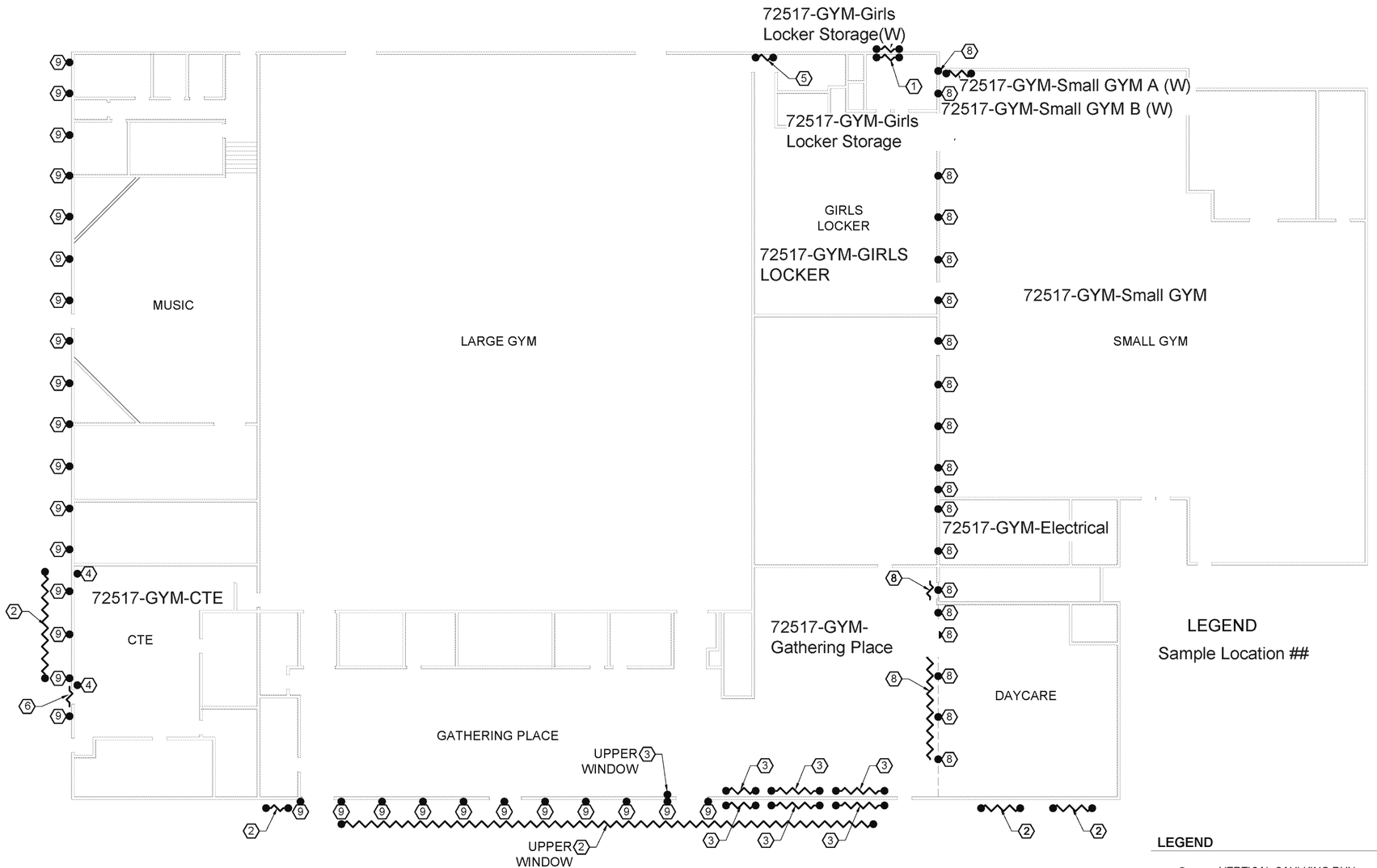


72417-POD-RM14: POD – room 14 on window frame.

Attachment C

Sample Figures

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



Drawing does not indicate electrical room

GYM BUILDING

NOT TO SCALE

Sample Number	Location	Air/Wipe	Results
72517-GYM-Gathering Place	Gym Gathering Place	Air	<47.6 ng/m³
72517-GYM-CTE	Gym CTE Room	Air	<47.6 ng/m³
72517-GYM-Girls Locker	Gym Girls Locker Room	Air	<47.6 ng/m³
72517-GYM-Girls Locker Storage	Gym Girls Locker Storage	Air	<47.6 ng/m³
72517-GYM-Small Gym	Gym Small Gym	Air	<47.6 ng/m³
72517-GYM-Electrical	Gym Electrical Room	Air	<47.6 ng/m³
72517-GYM-Girls Locker Storage	Gym Girls Locker Room	Wipe	<0.10 µg/cm²
72517-GYM-Small Gym A	Gym - Small Gym	Wipe	<0.10 µg/cm²
72517-GYM-Small Gym B	Gym - Small Gym	Wipe	<0.10 µg/cm²

LEGEND

Sample Location ##

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

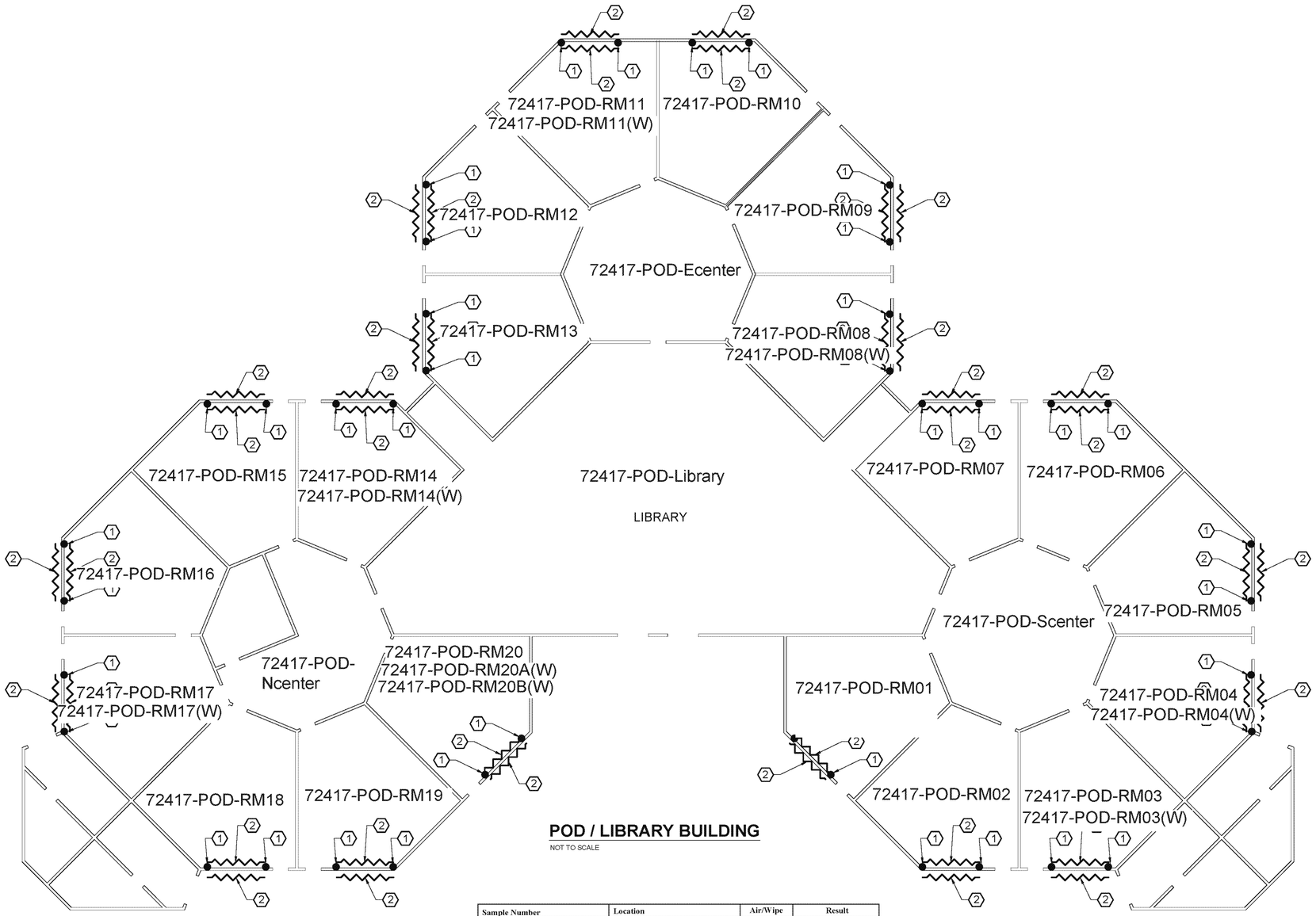
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

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

FULCRUM environmental consulting

Figure provided by Monroe School District

L:\Projects\41\00541973\Materials\PCA\041973.000_Caulking Isolations.dwg Jun 16, 2016 05:05pm lyoung



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.
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. 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
- ## SAMPLE LOCATION

Sample Number	Location	Air/Wipe	Results
72417-POD-RM01	POD Room 01	Air	<47.6 ng/m³
72417-POD-RM02	POD Room 02	Air	<47.6 ng/m³
72417-POD-RM03	POD Room 03	Air	<47.6 ng/m³
72417-POD-RM04	POD Room 04	Air	<47.6 ng/m³
72417-POD-RM05	POD Room 05	Air	<47.6 ng/m³
72417-POD-RM06	POD Room 06	Air	<47.6 ng/m³
72417-POD-RM07	POD Room 07	Air	<47.6 ng/m³
72417-POD-RM08	POD Room 08	Air	<47.6 ng/m³
72417-POD-RM09	POD Room 09	Air	<47.6 ng/m³
72417-POD-RM10	POD Room 10	Air	<47.6 ng/m³
72417-POD-RM11	POD Room 11	Air	<47.6 ng/m³

Sample Number	Location	Air/Wipe	Result
72417-POD-RM12	POD Room 12	Air	<47.6 ng/m³
72417-POD-RM13	POD Room 13	Air	<47.6 ng/m³
72417-POD-RM14	POD Room 14	Air	<47.6 ng/m³
72417-POD-RM15	POD Room 15	Air	<47.6 ng/m³
72417-POD-RM16	POD Room 16	Air	<47.6 ng/m³
72417-POD-RM17	POD Room 17	Air	<47.6 ng/m³
72417-POD-RM18	POD Room 18	Air	<47.6 ng/m³
72417-POD-RM19	POD Room 19	Air	<47.6 ng/m³
72417-POD-RM20	POD Room 20	Air	<47.6 ng/m³
72417-POD-RM21	POD Room 21	Air	<47.6 ng/m³
72417-POD-RM22	POD Room 22	Air	<47.6 ng/m³
72417-POD-RM23	POD Room 23	Air	<47.6 ng/m³
72417-POD-RM24	POD Room 24	Air	<47.6 ng/m³
72417-POD-Ncenter	POD North Center	Air	<47.6 ng/m³
72417-POD-Ecenter	POD East Center	Air	<47.6 ng/m³
72417-POD-Scenter	POD South Center	Air	<47.6 ng/m³
72417-POD-Library	POD Library	Air	<47.6 ng/m³

Sample Number	Location	Air/Wipe	Result
72417-POD-RM03	POD Room 03	Wipe	<0.10 µg/cm²
72417-POD-RM04	POD Room 04	Wipe	<0.10 µg/cm²
72417-POD-RM08	POD Room 08	Wipe	<0.10 µg/cm²
72417-POD-RM11	POD Room 11	Wipe	<0.10 µg/cm²
72417-POD-RM14	POD Room 14	Wipe	<0.10 µg/cm²
72417-POD-RM17	POD Room 17	Wipe	<0.10 µg/cm²
72417-POD-RM20A	POD Room 20	Wipe	<0.10 µg/cm²
72417-POD-RM20B	POD Room 20	Wipe	<0.10 µg/cm²

FULCRUM environmental consulting

Figure provided by Monroe School District

NOT TO SCALE

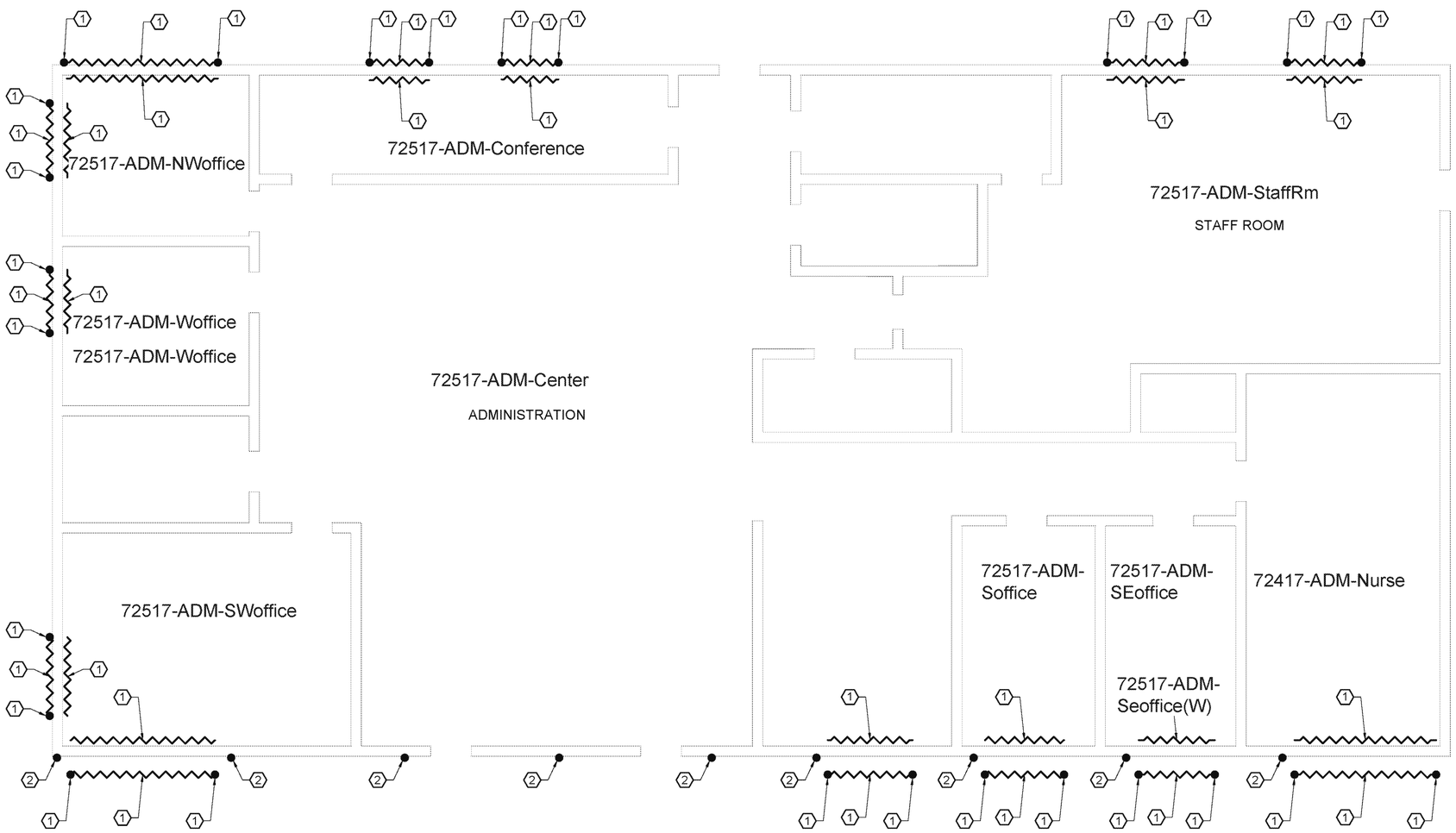
MONROE SCHOOL DISTRICT

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



ADMIN BUILDING

NOT TO SCALE

Sample Number	Location	Air/Wipe	Results
72517-ADM-Seoffice	Admin Southeast Office	Air	<47.6 ng/m³
72517-ADM-Soffice	Admin South Office	Air	<47.6 ng/m³
72517-ADM-Swoffice	Admin Southwest Office	Air	<47.6 ng/m³
72517-ADM-Woffice	Admin West office	Air	<47.6 ng/m³
72517-ADM-NWoffice	Admin Northwest Office	Air	<47.6 ng/m³
72517-ADM-Center	Admin Center Office	Air	<47.6 ng/m³
72517-ADM-Conference	Admin Confenrence	Air	<47.6 ng/m³
72517-ADM-StaffRM	Admin Staff Room	Air	<47.6 ng/m³
72517-ADM-Seoffice	Admin Southeast Office	Wipe	<0.10 µg/cm²
72517-ADM-Woffice	Admin West office	Wipe	<0.10 µg/cm²

Figure provided by Monroe School District

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. 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!
- ## SAMPLE LOCATION

FULCRUM environmental consulting

NOT TO SCALE

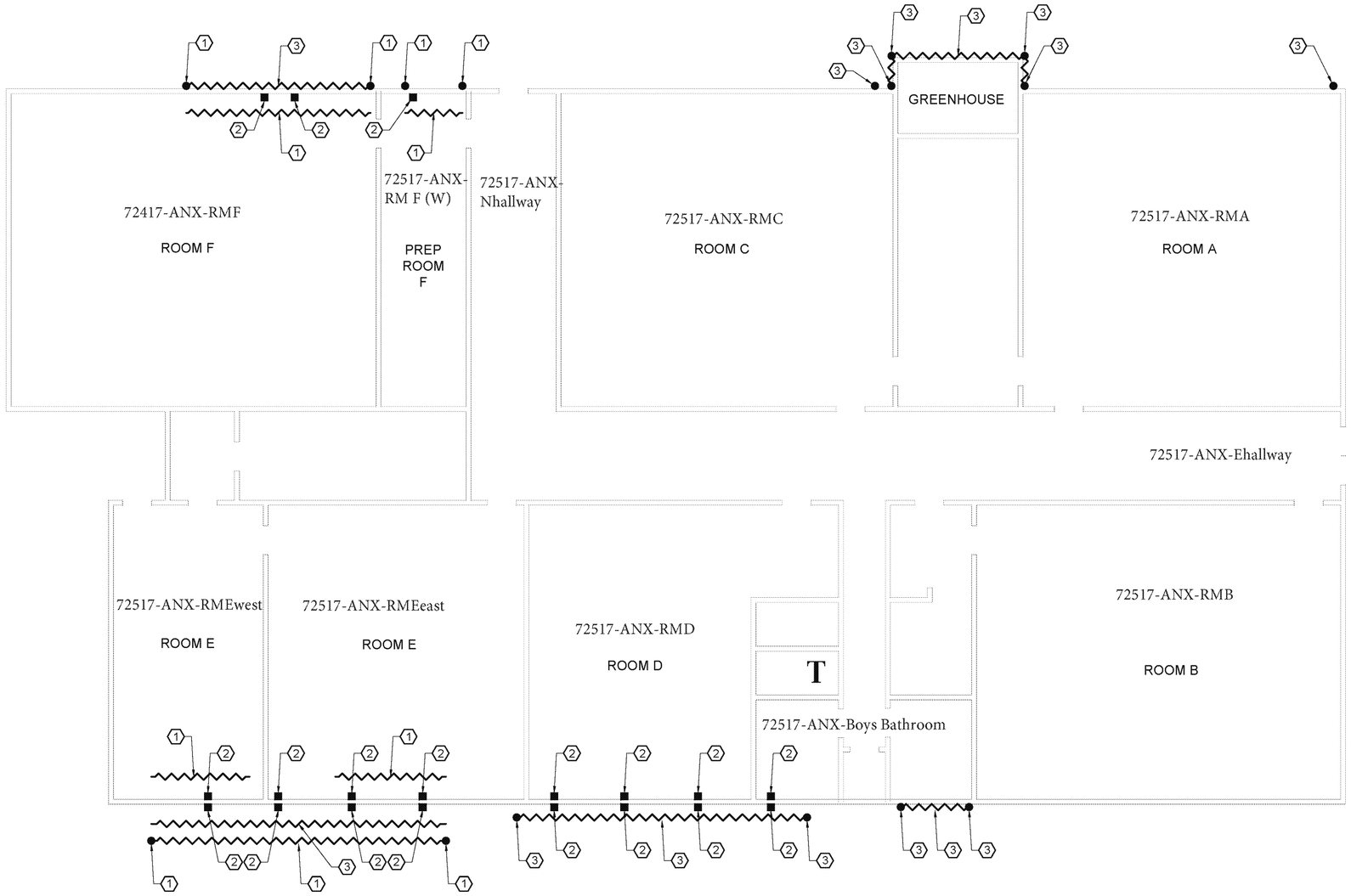
MONROE SCHOOL DISTRICT

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



ANNEX BUILDING

NOT TO SCALE

LEGEND

Sample Location ##

Sample Number	Location	Air/Wipe	Results
72517-ANX-RM B	Annex Room B	Air	<47.6 ng/m^3
72517-ANX-RM A	Annex Room A	Air	<47.6 ng/m^3
72517-ANX- East Hallway	Annex East Hallway	Air	<47.6 ng/m^3
72517-ANX- Boys Bathroom	Annex Boys Bathroom	Air	<47.6 ng/m^3
72517-ANX-RM C	Annex Room C	Air	<47.6 ng/m^3
72517-ANX-RM D	Annex Room D	Air	<47.6 ng/m^3
72517-ANX-RME East	Annex Room E East	Air	<47.6 ng/m^3
72517-ANX-RME West	Annex Room E West	Air	<47.6 ng/m^3
72517-ANX-RM F	Annex Room F	Air	<47.6 ng/m^3
72517-ANX-Hallway North	Annex Hallway North	Air	<47.6 ng/m^3
72517-ANX-RMB Office Supplies	Annex RMB Office Supplies	Air	<47.6 ng/m^3
72517-ANX-RM F	Annex Room F	Wipe	<0.10 µg/cm^2

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. 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

NOT TO SCALE

FULCRUM environmental consulting

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 2016
DWG NO. HM4	SHEET NO. 4 OF 5

FULCRUM
environmental consulting

Attachment D

ALS Global Salt Lake Laboratory Reports
Air Samples

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

ANALYTICAL REPORT

Report Date: August 30, 2017

Ryan Mathews
Fulcrum Environmental
406 North 2nd Street
Yakima, WA 98901

Phone: 509-574-0839

E-mail: rmathews@efulcrum.net

Workorder: **34-1723680**
Project ID: Sky Valley Education Center
Purchase Order: 172070.02
Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
72417-POD-RM01	1723680001	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM02	1723680002	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM03	1723680003	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM04	1723680004	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM05	1723680005	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM06	1723680006	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM07	1723680007	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM08	1723680008	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM09	1723680009	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM10	1723680010	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM11	1723680011	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM12	1723680012	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM13	1723680013	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM14	1723680014	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM15	1723680015	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM16	1723680016	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM17	1723680017	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM18	1723680018	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM19	1723680019	07/24/17	08/24/17	Sky Valley Education
72417-POD-RM20	1723680020	07/24/17	08/24/17	Sky Valley Education
72417-POD-Ncenter	1723680021	07/24/17	08/24/17	Sky Valley Education
72417-POD-Ecenter	1723680022	07/24/17	08/24/17	Sky Valley Education
72417-POD-Scenter	1723680023	07/24/17	08/24/17	Sky Valley Education
72417-POD-Library	1723680024	07/24/17	08/24/17	Sky Valley Education
72417-ADM-Nurse	1723680025	07/24/17	08/24/17	Sky Valley Education
72417-Field Blank	1723680026	07/24/17	08/24/17	Sky Valley Education
72417-Lab Blank	1723680027	07/24/17	08/24/17	Sky Valley Education
MB-1	1723680028	07/24/17	08/24/17	
LCS-1	1723680029	07/24/17	08/24/17	
LCSD-1	1723680030	07/24/17	08/24/17	
MB-2	1723680031	07/24/17	08/24/17	
LCS-2	1723680032	07/24/17	08/24/17	

ANALYTICAL REPORT

Workorder: **34-1723680**
Project ID: Sky Valley Education Center
Purchase Order: 172070.02
Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
LCSD-2	1723680033	07/24/17	08/24/17	

ED_004522_00093400-00026

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM01** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680001 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.59**	NA	1	
Decachlorobiphenyl	**0.68**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM02** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680002 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.60**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM03** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680003 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.60**	NA	1	
Decachlorobiphenyl	**0.71**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM04** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680004 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.43**	NA	1	
Decachlorobiphenyl	**0.69**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM05** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680005 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.57**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM06** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680006 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.61**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM07** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680007 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.61**	NA	1	
Decachlorobiphenyl	**0.71**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM08** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680008 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.51**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM09** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680009 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.59**	NA	1	
Decachlorobiphenyl	**0.71**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM10** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680010 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM11** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680011 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM12** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680012 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.63**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM13** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680013 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.65**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM14** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680014 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM15** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680015 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM16** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680016 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.65**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM17** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680017 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.61**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM18** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680018 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.70**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-RM19** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680019 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-RM20** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680020 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-Ncenter** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680021 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.68**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-Ecenter** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680022 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.73**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-POD-Scenter** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680023 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-POD-Library** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680024 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-ADM-Nurse** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680025 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25445 (HBN: 197665) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7004 (HBN: 197887) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.71**	NA	1	
Decachlorobiphenyl	**0.71**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72417-Field Blank** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680026 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25445 (HBN: 197665) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7004 (HBN: 197887) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.67**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72417-Lab Blank** | Sampling Site: Sky Valley Education | Collected: 07/24/2017
Lab ID: 1723680027 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.70**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **MB-1** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680028 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.77**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **LCS-1** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680029 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25445 (HBN: 197665) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7004 (HBN: 197887) | Percent Solid: NA
Analyzed: 08/25/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.67**	NA	1	
Decachlorobiphenyl	**0.81**	NA	1	
Aroclor 1260	**4.4**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**3.9**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **LCSD-1** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680030 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25445 (HBN: 197665) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7004 (HBN: 197887) | Percent Solid: NA
Analyzed: 08/25/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.61**	NA	1	
Decachlorobiphenyl	**0.80**	NA	1	
Aroclor 1260	**4.2**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**3.7**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **MB-2** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680031 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **LCS-2** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680032 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25445 (HBN: 197665)	Initial: 1 filter	Batch: EGC/7004 (HBN: 197887)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/25/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.74**	NA	1	
Decachlorobiphenyl	**0.80**	NA	1	
Aroclor 1260	**4.3**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**3.9**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **LCSD-2** | Sampling Site: NA | Collected: 07/24/2017
Lab ID: 1723680033 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation:	EPA 3540 Soxhlet Ext., EPA TO-10A	Analysis:	EPA TO-10A, PCBs Air
Batch:	ENVX/25445 (HBN: 197665)	Batch:	EGC/7004 (HBN: 197887)
Prepared:	08/25/2017	Analyzed:	08/25/2017 00:00
Weight/Volume		Instrument ID:	GCE03
Initial:	1 filter	Percent Solid:	NA
Final:	10 mL	Report Basis:	Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.76**	NA	1	
Decachlorobiphenyl	**0.83**	NA	1	
Aroclor 1260	**4.6**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**4.1**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

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

Method	Analyst	Peer Review
EPA TO-10A, PCBs	/S/ Steven J. Sagers 08/29/2017 13:06	/S/ Lyle Edwards 08/30/2017 09:29

Laboratory Contact Information

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

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

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

General Lab Comments

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

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

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

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

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ANAB (DoD ELAP)	ADE-1420	http://www.anab.org/accredited-organizations/
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdw/labservice.htm
	Oklahoma	UT00009	http://www.deq.state.ok.us/CSDnew/
	Iowa	IA# 376	http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx
	Texas (TNI)	T104704456-11-1	http://www.tceq.texas.gov/field/qa/lab_accred_certif.html
	Washington	C596-16	http://www.ecy.wa.gov/programs/eap/labs/index.html
	Kansas	E-10416	http://www.kdheks.gov/lipo/index.html
Industrial Hygiene	AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
	Washington	C596-16	http://www.ecy.wa.gov/programs/eap/labs/index.html
Lead Testing:			
CPSC	ANAB (ISO 17025, CPSC)	ADE-1420	http://www.anab.org/accredited-organizations/
Soil, Dust, Paint ,Air	AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACLASS (ISO 17025)	ADE-1420	http://www.aclasscorp.com

ED_004522_00093400-00044

ANALYTICAL REPORT

Workorder: **34-1723680**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.
RL = Reporting Limit, a verified value of method/media/instrument sensitivity.
CRDL = Contract Required Detection Limit
Reg. Limit = Regulatory Limit.
ND = Not Detected, testing result not detected above the MDL or RL.
< This testing result is less than the numerical value.
** No result could be reported, see sample comments for details.

Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.
J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.
B = Qualifier indicates that the analyte was detected in the blank.
E = Qualifier indicates that the analyte result exceeds calibration range.
P = Qualifier indicates that the RPD between the two columns is greater than 40%.

184551 1

P1703612

W 1723680

ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800) 458-1493 or (513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

23707

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum Environmental

Address 406 N 2nd St

Yakima WA 98901 (City, State, Zip)

Send Report To Ryan Mathews

Email Address Rmathews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education Center

Date/Time of Collection 7/24/17

Project No. 172070.02

Billing Address (if different) _____

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L) Sample Time (min)	ANALYSES REQUESTED - Use Method Number if Known	
1	72417-POD-RM01	Tub, Puff	2100/420	TO-10a	P1703612-001
2	72417-POD-RM02				002
3	72417-POD-RM03				003
4	72417-POD-RM04				004
5	72417-POD-RM05				005
6	72417-POD-RM06				006
7	72417-POD-RM07				007
8	72417-POD-RM08				008
9	72417-POD-RM09				009
10	72417-POD-RM10				010
11	72417-POD-RM11				011
12	72417-POD-RM12				012
13	72417-POD-RM13				013
14	72417-POD-RM14				014
15	72417-POD-RM15				015
16	72417-POD-RM16				016

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bostrom	7/26/17 9AM	[illegible]	08/24/2017 10:30
Nathan Bo	7/26/17 9AM	[illegible] 7/27/17	0930

8-23-17 1036

P1703612

ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800) 458-1493 or (513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

23707

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____
Company Name Fulcrum Environmental
Address 406 N 2nd St
Yakima (City) WA (State) 98901 (Zip)
Send Report To Ryan Mathews
Email Address Rmathews@efulcrum.net
Telephone (509) 574-0839
Alt. Contact Name _____
Alt. Contact Info _____

Quote No. _____
Sampling Site Sky Valley Education Center
Date/Time of Collection 72417.04
Project No. 72070.02
Billing Address (if different)

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L) / Sample Time (min.)	ANALYSES REQUESTED - Use Method Number if Known
17	72417-POD-RM17	Tub, Putt	2100/420	TO-10a
18	72417-POD-RM18			P1703612-017
19	72417-POD-RM19			018
20	72417-POD-RM20			019
21	72417-POD-Ncenter			020
22	72417-POD-Ecenter			021
23	72417-POD-Scenter			022
24	72417-POD-Library			023
25	72417-ADM-Nurse			024
26	72417-Field Blank			025
27	72417 LAB Blank			026
				027
			Recieve samples not on COC -	MB-1
				LCS-1
				LCSP-1
				MB-2
				LCS-2
				LCSP-2

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
		M Schmitt	08/24/2017 10:30
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
[signature]	8-23-17 1530		

ALS - SALT LAKE CITY-RELATED INFORMATION REPORT (CRIR)

COOLER OR CONTAINER INFORMATION CHECKLIST (Fill In or Circle)

Client Name: Fulcrum Environ

Project/Task/Site: 17 [illegible]

Date/Time of Receipt: 08/24/2017

Number of Coolers Received: 1

Condition of Coolers:	Acceptable/Unacceptable	Temperature Control:	Present/Not Included
Cooler Custody Seals:	Present/Absent/NA Intact/Broken/NA	Location Temp Taken:	Control/Between Samples
Container Custody Seals:	Present/Absent/NA Intact/Broken/NA	Are all temperatures within project specific guidelines?	Yes/No/NA
Ice Present:	Yes/No/NA Frozen/Melted/NA	VOA Headspace Present?	Yes/No/NA

pH Check Performed:							
	Metals	Yes/No/NA	Total Phenolics	Yes/No/NA	NO3/NO2	Yes/No/NA
	Cyanide	Yes/No/NA	TPH – 418.1	Yes/No/NA	Oil & Grease	Yes/No/NA
	Sulfide	Yes/No/NA	COD	Yes/No/NA	Total Phosphorous	Yes/No/NA
	Ammonia	Yes/No/NA	TKN	Yes/No/NA	TOC Preserved	Yes/No/NA

Cooler Received	ALS Cooler No.	Temp.	Cooler Received	ALS Cooler No.	Temp.	Cooler Received	ALSL Cooler No.	Temp.
1	C17-7591	14 °C	4	C17-	°C	7	C17-	°C
2	C17-	°C	5	C17-	°C	8	C17-	°C
3	C17-	°C	6	C17-	°C	9	C17-	°C

Taken By: M Schmidt (Signature) Marianne Schmidt (Printed Name) 08/24/2017 (Date)

CLIENT-RELATED INFORMATION

- ☐ Missing Cooler
- ☐ Cooler Conditions
- ☐ Missing Paperwork
- ☐ Missing/Incorrect Bottle Labels
- ☐ Missing Samples/Bottles
- ☐ Broken/Leaking Samples
- ☐ Incorrect Bottle Type
- ☐ Cooler Temperatures Out of Range
- ☐ Incorrect Preservation
- ☐ pH Criteria Not Met
- ☐ Residual Chlorine Present
- ☐ Head Space in Bottles
- ☐ Insufficient Sample Volume
- ☐ Chain of Custody Problems
- ☐ Other:

BRIEFLY DESCRIBE THE PROBLEM AND THE ACTION TAKEN:

E-mailed to Client? YES ☐ NO ☐

Response Required Within 24 Hours

PROJECT MANAGEMENT

PROJECT MANAGER COMMENTS:

ALS Project Manager: _____ (Printed Name) Returned to Sample Receipt by: _____ (Signature) Date: _____

CRIR.dot Revised 1/1/15

ALS Environmental

TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 7 / 31 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___MeCl$_2$ ___Acetone

Solvent ID: S 10-07241702 Lot#: Hexane 0000170942 Lot#: Ether DP749

Solvent ID: S ↓ 03 Lot#: ↓ Lot#: ↓

Solvent ID: S ↓ 04 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y / (N) *Solvent Exchange:* Y / (N)

N$_2$ Flow: 7.5psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
1	MB-1 -		MB	50		10	S10-07241702
2	LCS-1 -		LCS	↓	50	↓	↓
3	LCSD-1 -		LCSD	↓	↓	↓	↓
4	P1703612-001 -	72417-POD-RM01	No ID's	↓	↓	↓	↓
5	-002 -	02	↓	↓	↓	↓	↓
6	-003 -	03	↓	↓	↓	↓	↓
7	-004 -	04	↓	↓	↓	↓	↓
8	-005 -	05	↓	↓	↓	↓	S10-07241703
9	-006 -	06	↓	↓	↓	↓	↓
10	-007 -	07	↓	↓	↓	↓	↓
11	-008 -	08	↓	↓	↓	↓	↓
12	-009 -	09	↓	↓	↓	↓	↓
13	-010 -	10	↓	↓	↓	↓	↓
14	-011 -	11	↓	↓	↓	↓	↓
15	-012 -	12	↓	↓	↓	↓	S10-07241704
16	-013 -	13	↓	↓	↓	↓	↓

Extraction By: GG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: GA Date: 8/1/17

Log Sheet Approved By: GA **Date:** 8/1/17

ED_004522_00093400-00049

ALS Environmental

TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 7 / 31 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S 28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S 28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___ $MeCl_2$ ___ Acetone

Solvent ID: S 10-07241704 Lot#: ~~0000170912~~ Hexane Lot#: DP749 Ether

Solvent ID: S 10-07311701 Lot#: 0000162495 Lot#: DR608

Solvent ID: S ↓ 02 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y / (N) *Solvent Exchange:* Y / (N)

N_2 Flow: 7.5 psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
17	P1703612-014 -	72417-POD-RM14	No ID's	50		10	S10-07241704
18	-015 -	15					
19	-016 -	16					
20	-017 -	17					
21	-018 -	18					
22	-019 -	19					S10-07311701
23	-020 -	20					
24	MB-2 -		MB				
25	LCS-2 -		LCS		50		
26	LCSD-2 -		LCSD				
27	P1703612-021 -	72417-POD-N center	No ID's				
28	-022 -	E					
29	-023 -	S					S10-07311702
30	-024 -	Library					
31	-025 -	72417-ADM-Nurse					
32	-026 -	Field Blank					
33)	-027 -	LAB Blank					

Extraction By: GG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: EA Date: 8/1/17

Log Sheet Approved By: EA **Date:** 8/1/17

ALS Environmental
TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 8 / 1 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S 28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S 28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___MeCl$_2$ ___Acetone

Solvent ID: S 10-07311702 Lot#: 0000162495 (Hexane) Lot#: DR608 (Ether)

Solvent ID: S ↓ 03 Lot#: ↓ Lot#: ↓

Solvent ID: S ↓ 04 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y / (N) *Solvent Exchange:* Y / (N)

N$_2$ Flow: 7.5psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
1	MB-1		MB	50		10	S10-07311702
2	LCS-1		LCS		50		
3	LCSD-1		LCSD				
4	P1703614-001	72517-ADM-SE office	No ID's				S10-07311703
5	-002	S					
6	-003	SW					
7	-004	W					
8	-005	NW					
9	-006	72517-ADM-Center					
10	-007	Conference					
11	-008	Staff Rm					S10-07311704
12	-009	72517-GYM-Gathering Place					
13	-010	72517-GYM-CTE					
14	-011	72517-GYM-Girls locker					
15	-012	72517-GYM-Girls Locker Storage					
16	-013	72517-GYM-Small Gym					

Extraction By: GG Date: 8/1/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: ZW Date: 8/23/17

Log Sheet Approved By: ____ **Date:** ____

ED_004522_00093400-00051

ALS Environmental
TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 8 / 1 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction _____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: _____ *Cartridge Volume:* _____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S28-06021702

Solvent: __90%/10% n-Hexane/Ether __MeCl$_2$ __Acetone

Solvent ID: S10-08011701 Lot#: 0000173154 (Hexane) Lot#: DP749 (Ether)

Solvent ID: S 02 Lot#: Lot#:

Solvent ID: S 03 Lot#: Lot#:

Cleanup Performed: Y / N *Solvent Exchange:* Y / N

N$_2$ Flow: 7.5psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
	P1703614-014 -	72517-GYM-Electrical	No ID's	50		10	S10-08011701
	015 -	72517-ANX-Rm B					
	016 -	RMA					
	017 -	72517-ANX-East Hallway					
	018 -	72517-ANX-Boys Bathroom					
	019 -	72517-ANX-RmC					
	020 -	RmD					
	MB-2 -		MB				S10-08011702
	LCS-2 -		LCS		50		
	LCSD-2 -		LCSD				
	P1703614-021 -	72517-ANX-RmE East	No ID's				
	-022 -	72517-ANX-RmE West					
	-023 -	72517-ANX-RmF					
	-024 -	72517-ANX-Hallway North					
	-025 -	72517-ANX-Rm B office Supples					S10-08011703
	-026 -	72517-Field Blank					
	-027 -	Lab Blank					

Extraction By: GG Date: 8/1/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: Zn Date: 8/23/17

Log Sheet Approved By: _____ **Date:** _____

ED_004522_00093400-00052

S28-06021701 20ug/ml pesticide surrogate spike std.
500 ul of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, Lot#: A0125020, Exp: 5/2023) made to 5 ml final Volume in Hexane (Batch: 143369)
Exp: 12/2/17 2W

S28-06021702 100 ug/ml Aroclor 1016-1260 + 20 ug/ml SG. LCS/LCSD spike.
500 ul of S28-12121405C (1000 ug/ml, Aroclor 1016, supelco, Lot#: LC06403, x 2/23)
500 ul of S28-12121407C (1000 ug/ml, Aroclor 1260, supelco, Lot#: LC09267, x 7/24)
500 ul of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, Lot#: A0125020, x 5/23)
made to 5 ml final Volume in Hexane (Batch: 143369)
Exp: 12/2/17 2W

S28-06061701 10 ug/ml Amine CCV std
500 ul of S28-02091707 made to 5 ml final volume in 0.01N NaOH/MeOH w/IS.
Exp: 8/9/17 2W

S28-06061702 0.5 ug/ml Amine MRL check std.
50 ul of S28-06061701 made to 1 ml final Volume in 0.01N NaOH/MeOH w/IS.
Exp: 8/9/17 2W

H2S Stock	S28-06071701	1328.6 ugS/ml						
Compound		M. Wt.	S Fraction	Used mg	Final Vol(ml)	H2S ug/ml	ugS/ml	
Na2S.9H2O		240.18	0.1335	99.50	10.0	1412.2	1328.57	
							Exp:1/16/18	2W
H2S Stock	S28-06071702	1249.8 ugS/ml						
Compound		M. Wt.	S Fraction	Used mg	Final Vol(ml)	H2S ug/ml	ugS/ml	
Na2S.9H2O		240.18	0.1335	93.60	10.0	1328.4	1249.79	
							Exp:1/16/18	2W

S28-06081701 25 ug/ml S8 working std. CCV
1.0 mL of S28-04061702 made to 10 mL final volume in Toluene w/IS (S28-05081701)
Exp. 10/6/17 B

ANALYTICAL REPORT

Report Date: August 30, 2017

Ryan Mathews
Fulcrum Environmental
406 North 2nd Street
Yakima, WA 98901

Phone: 509-574-0839

E-mail: rmathews@efulcrum.net

Workorder: **34-1723682**
Project ID: Sky Valley Education Ctr 72517
Purchase Order: 172070.02
Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
72517-ADM-SEOffice	1723682001	07/25/17	08/24/17	Sky Valley Education
72517-ADM-SOffice	1723682002	07/25/17	08/24/17	Sky Valley Education
72517-ADM-SWOffice	1723682003	07/25/17	08/24/17	Sky Valley Education
72517-ADM-WOffice	1723682004	07/25/17	08/24/17	Sky Valley Education
72517-ADM-NWOffice	1723682005	07/25/17	08/24/17	Sky Valley Education
72517-ADM-Center	1723682006	07/25/17	08/24/17	Sky Valley Education
72517-ADM-Conference	1723682007	07/25/17	08/24/17	Sky Valley Education
72517-ADM-Staff Rm	1723682008	07/25/17	08/24/17	Sky Valley Education
72517-GYM-Gathering Place	1723682009	07/25/17	08/24/17	Sky Valley Education
72517-GYM-CTE	1723682010	07/25/17	08/24/17	Sky Valley Education
72517-GYM-Girls Locker	1723682011	07/25/17	08/24/17	Sky Valley Education
72517-GYM-Girls Locker Storage	1723682012	07/25/17	08/24/17	Sky Valley Education
72517-GYM-Small Gym	1723682013	07/25/17	08/24/17	Sky Valley Education
72517-GYM-Electrical	1723682014	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RM B	1723682015	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RM A	1723682016	07/25/17	08/24/17	Sky Valley Education
72517-ANX-East Hallway	1723682017	07/25/17	08/24/17	Sky Valley Education
72517-ANX-Boys Bathroom	1723682018	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RMC	1723682019	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RMD	1723682020	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RME East	1723682021	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RME West	1723682022	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RMF	1723682023	07/25/17	08/24/17	Sky Valley Education
72517-ANX-Hallway North	1723682024	07/25/17	08/24/17	Sky Valley Education
72517-ANX-RM B Office Supples	1723682025	07/25/17	08/24/17	Sky Valley Education
72517-ANX-Field Blank	1723682026	07/25/17	08/24/17	Sky Valley Education
72517-ANX-Lab Blank	1723682027	07/25/17	08/24/17	Sky Valley Education
MB-1	1723682028	07/25/17	08/24/17	Sky Valley Education
LCS-1	1723682029	07/25/17	08/24/17	Sky Valley Education
LCSD-1	1723682030	07/25/17	08/24/17	Sky Valley Education
MB-2	1723682031	07/25/17	08/24/17	Sky Valley Education

ANALYTICAL REPORT

Workorder: **34-1723682**

Project ID: Sky Valley Education Ctr 72517

Purchase Order: 172070.02

Project Manager Paul E. Pope

Client Sample ID	Lab ID	Collect Date	Receive Date	Sampling Site
LCS-2	1723682032	07/25/17	08/24/17	Sky Valley Education
LCSD-2	1723682033	07/25/17	08/24/17	Sky Valley Education

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ADM-SEOffice** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682001 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.79**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ADM-SOffice** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682002 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ADM-SWOffice** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682003 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ADM-WOffice** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682004 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ADM-NWOffice** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682005 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ADM-Center** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682006 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ADM-Conference** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682007 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ADM-Staff Rm** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682008 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-GYM-Gathering Place** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682009 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.65**	NA	1	
Decachlorobiphenyl	**0.78**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-GYM-CTE** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682010 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-GYM-Girls Locker** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682011 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.65**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-GYM-Girls Locker Storage** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682012 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-GYM-Small Gym** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682013 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-GYM-Electrical** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682014 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-RM B** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682015 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-RM A** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682016 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.62**	NA	1	
Decachlorobiphenyl	**0.77**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-East Hallway** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682017 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.63**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-Boys Bathroom** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682018 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-RMC** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682019 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.35**	NA	1	
Decachlorobiphenyl	**0.77**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-RMD** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682020 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.64**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-RME East** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682021 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.78**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-RME West** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682022 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.72**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-RMF** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682023 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.69**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-Hallway North** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682024 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.66**	NA	1	
Decachlorobiphenyl	**0.75**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-RM B Office Supples** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682025 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: Air Volume 2100 L

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.76**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **72517-ANX-Field Blank** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682026 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.70**	NA	1	
Decachlorobiphenyl	**0.73**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **72517-ANX-Lab Blank** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682027 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.61**	NA	1	
Decachlorobiphenyl	**0.74**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **MB-1** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682028 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.81**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **LCS-1** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682029 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.71**	NA	1	
Decachlorobiphenyl	**0.83**	NA	1	
Aroclor 1260	**4.2**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**3.9**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **LCSD-1** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682030 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A | Weight/Volume
Batch: ENVX/25447 (HBN: 197668) | Initial: 1 filter
Prepared: 08/25/2017 | Final: 10 mL

Analysis: EPA TO-10A, PCBs Air | Instrument ID: GCE03
Batch: EGC/7006 (HBN: 197908) | Percent Solid: NA
Analyzed: 08/26/2017 00:00 | Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.68**	NA	1	
Decachlorobiphenyl	**0.81**	NA	1	
Aroclor 1260	**4.1**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**3.7**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **MB-2** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682031 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.71**	NA	1	
Decachlorobiphenyl	**0.79**	NA	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

Sample ID: **LCS-2** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682032 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A	Weight/Volume	Analysis: EPA TO-10A, PCBs Air	Instrument ID: GCE03
Batch: ENVX/25447 (HBN: 197668)	Initial: 1 filter	Batch: EGC/7006 (HBN: 197908)	Percent Solid: NA
Prepared: 08/25/2017	Final: 10 mL	Analyzed: 08/26/2017 00:00	Report Basis: Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.74**	NA	1	
Decachlorobiphenyl	**0.83**	NA	1	
Aroclor 1260	**4.4**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**4.0**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Analytical Results

Sample ID: **LCSD-2** | Sampling Site: Sky Valley Education | Collected: 07/25/2017
Lab ID: 1723682033 | Media: PUF Tube | Received: 08/24/2017
Matrix: Air | Sampling Parameter: NA

Analysis Method - EPA TO-10A, PCBs

Preparation:	EPA 3540 Soxhlet Ext., EPA TO-10A	Analysis:	EPA TO-10A, PCBs Air
Batch:	ENVX/25447 (HBN: 197668)	Batch:	EGC/7006 (HBN: 197908)
Prepared:	08/25/2017	Analyzed:	08/26/2017 00:00
Weight/Volume		Instrument ID:	GCE03
Initial:	1 filter	Percent Solid:	NA
Final:	10 mL	Report Basis:	Wet

Analyte	Result (ug/sample)	RL (ug/sample)	Dilution	Qual
Tetrachloro-m-xylene	**0.71**	NA	1	
Decachlorobiphenyl	**0.83**	NA	1	
Aroclor 1260	**4.3**	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1016	**4.0**	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	

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

Method	Analyst	Peer Review
EPA TO-10A, PCBs	/S/ Steven J. Sagers 08/29/2017 15:22	/S/ Lyle Edwards 08/30/2017 09:39

Laboratory Contact Information

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

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

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

General Lab Comments

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

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

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

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

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ANAB (DoD ELAP)	ADE-1420	http://www.anab.org/accredited-organizations/
	Utah (NELAC)	DATA1	http://health.utah.gov/lab/labimp/
	Nevada	UT00009	http://ndep.nv.gov/bsdw/labservice.htm
	Oklahoma	UT00009	http://www.deq.state.ok.us/CSDnew/
	Iowa	IA# 376	http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx
	Texas (TNI)	T104704456-11-1	http://www.tceq.texas.gov/field/qa/lab_accred_certif.html
	Washington	C596-16	http://www.ecy.wa.gov/programs/eap/labs/index.html
	Kansas	E-10416	http://www.kdheks.gov/lipo/index.html
Industrial Hygiene	AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
	Washington	C596-16	http://www.ecy.wa.gov/programs/eap/labs/index.html
Lead Testing:			
CPSC	ANAB (ISO 17025, CPSC)	ADE-1420	http://www.anab.org/accredited-organizations/
Soil, Dust, Paint ,Air	AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP)	101574	http://www.aihaaccreditedlabs.org
Dietary Supplements	ACLASS (ISO 17025)	ADE-1420	http://www.aclasscorp.com

ED_004522_00093400-00073

ANALYTICAL REPORT

Workorder: **34-1723682**
Client: Fulcrum Environmental Consulting
Project Manager: Paul E. Pope

Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.
RL = Reporting Limit, a verified value of method/media/instrument sensitivity.
CRDL = Contract Required Detection Limit
Reg. Limit = Regulatory Limit.
ND = Not Detected, testing result not detected above the MDL or RL.
< This testing result is less than the numerical value.
** No result could be reported, see sample comments for details.

Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.
J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.
B = Qualifier indicates that the analyte was detected in the blank.
E = Qualifier indicates that the analyte result exceeds calibration range.
P = Qualifier indicates that the RPD between the two columns is greater than 40%.

18485/1

P1703614

W 1723682

ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800) 458-1403 or (513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

23707

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____
Company Name Fulcrum Environmental
Address 406 N 2nd St
Yakima WA 98901
City State Zip
Send Report To Ryan Mathews
Email Address Rmathews@efulcrum.net
Telephone (509) 574-0839
Alt. Contact Name _____
Alt. Contact Info _____

Quote No. _____
Sampling Site Sky Valley Education Center
Date/Time of Collection 7/23/17
Project No. 172070.02
Billing Address (if different)

Sample Qty	Client Sample Number	Media Type	Sample Volume/Sample Weight	ANALYSES REQUESTED - Use Method Number if Known	
1	72517-ADM-SE office	Tub, Puff	8100/1120	TO-10a	P1703614-001
2	72517-ADM-S office				002
3	72517-ADM-SW office				003
4	72517-ADM-W office				004
5	72517-ADM-NW office				005
6	72517-ADM-Center				006
7	72517-ADM-Conference				007
8	72517-ADM-Staff RM				008
9	72517-GYM-Gathering Place				009
10	72517-GYM-CTE				010
11	72517-GYM-Girls Locker				011
12	72517-GYM-Girls Locker Storage				012
13	72517-GYM-Small GYM				013
14	72517-GYM-Electrical				014
15	72517-ANX-RM B				015
16	72517-ANX-RM A				016

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bost	7/26/17 am	[signature]	8/24/2017 10:30
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
		[signature]	7/27/17 0930

[signature] 8-23-17 1530

4°C 0.02

P1703614

ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800) 458-1493 or (513) 733-5336
Fax: (513) 733-5347

Page 2 of 2

ANALYTICAL REQUEST FORM

23707

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum Environmental

Address 406 N 2nd St

Yakima WA 98901
City State Zip

Send Report To Ryan Mathews

Email Address Rmathews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education Center

Date/Time of Collection 7/25/17

Project No. 172070.02

Billing Address (if different)

Lab Use Only	Client Sample Number	Matrix Type	Sample Volume (L) Sample Time (min)	ANALYSES REQUESTED - Use Method Number if Known	
17	72517-ANX-East Hallway	Tub, Buff	2100/1120	TO-10a	P1703614-017
18	72517-ANX-Boys Bathroom				018
19	72517-ANX-RMC				019
20	72517-ANX-RMD				020
21	72517-ANX-RME East				021
22	72517-ANX-RME West				022
23	72517-ANX-RMF				023
24	72517-ANX-Hallway North				024
25	72517-ANX-RMB office Shades				025
26	72517-Field Blank				026
27	72517-Lab Blank				027
			Receive sample not on current COC -		MB-1
					LCS-1
					LCSD-1
					MB-2
					LCS-2
					LCSP-2

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan [signature]	7/24/17 9am	M Schmitt	08/24/2017 10:30
		[signature]	7/27/17 4°C GOC

[signature] 8-23-17 1530

ALS - SALT LAKE CITY-RELATED INFORMATION REPORT (CRIR)

COOLER OR CONTAINER INFORMATION CHECKLIST (Fill In or Circle)

Client Name: Fulcrum Environ

Project/Task/Site: 172382

Date/Time of Receipt: 08/24/2017

Number of Coolers Received: 1

Condition of Coolers:	Acceptable/Unacceptable	Temperature Control:	Present/Not Included
Cooler Custody Seals:	Present/Absent/NA Intact/Broken/NA	Location Temp Taken:	Control/Between Samples
Container Custody Seals:	Present/Absent/NA Intact/Broken/NA	Are all temperatures within project specific guidelines?	Yes/No/NA
Ice Present:	Yes/No/NA Frozen/Melted/NA	VOA Headspace Present?	Yes/No/NA

pH Check Performed:						
	Metals	Yes/No/NA	Total Phenolics	Yes/No/NA	NO3/NO2	Yes/No/NA
	Cyanide	Yes/No/NA	TPH – 418.1	Yes/No/NA	Oil & Grease	Yes/No/NA
	Sulfide	Yes/No/NA	COD	Yes/No/NA	Total Phosphorous	Yes/No/NA
	Ammonia	Yes/No/NA	TKN	Yes/No/NA	TOC Preserved	Yes/No/NA

Cooler Received	ALS Cooler No.	Temp.	Cooler Received	ALS Cooler No.	Temp.	Cooler Received	ALSL Cooler No.	Temp.
1	C17-7591	14 °C	4	C17-	°C	7	C17-	°C
2	C17-	°C	5	C17-	°C	8	C17-	°C
3	C17-	°C	6	C17-	°C	9	C17-	°C

Taken By: M Schmidt (Signature) Marianne Schmidt (Printed Name) 08/24/2017 (Date)

CLIENT-RELATED INFORMATION

- ☐ Missing Cooler
- ☐ Cooler Conditions
- ☐ Missing Paperwork
- ☐ Missing/Incorrect Bottle Labels
- ☐ Missing Samples/Bottles
- ☐ Broken/Leaking Samples
- ☐ Incorrect Bottle Type
- ☐ Cooler Temperatures Out of Range
- ☐ Incorrect Preservation
- ☐ pH Criteria Not Met
- ☐ Residual Chlorine Present
- ☐ Head Space in Bottles
- ☐ Insufficient Sample Volume
- ☐ Chain of Custody Problems
- ☐ Other:

BRIEFLY DESCRIBE THE PROBLEM AND THE ACTION TAKEN:

E-mailed to Client? YES ☐ NO ☐

Response Required Within 24 Hours

PROJECT MANAGEMENT

PROJECT MANAGER COMMENTS:

ALS Project Manager: _____ (Printed Name) Returned to Sample Receipt by: _____ (Signature) Date: _____

CRIR.dot

Revised 1/1/15

ALS Environmental

TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 7 / 31 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___$MeCl_2$ ___Acetone

Solvent ID: S 10-07241702 Lot#: 0000170942 (Hexane) Lot#: DP749 (Ether)

Solvent ID: S ↓ 03 Lot#: ↓ Lot#: ↓

Solvent ID: S ↓ 04 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y/(N) *Solvent Exchange:* Y/(N)

N_2 Flow: 7.5psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
1	MB-1		MB	50		10	S10-07241702
2	LCS-1		LCS	↓	50	↓	↓
3	LCSD-1		LCSD	↓	↓	↓	↓
4	P1703612-001	72417-POD-RM01	No ID's	↓	↓	↓	↓
5	-002	02	↓	↓	↓	↓	↓
6	-003	03	↓	↓	↓	↓	↓
7	-004	04	↓	↓	↓	↓	↓
8	-005	05	↓	↓	↓	↓	S10-07241703
9	-006	06	↓	↓	↓	↓	↓
10	-007	07	↓	↓	↓	↓	↓
11	-008	08	↓	↓	↓	↓	↓
12	-009	09	↓	↓	↓	↓	↓
13	-010	10	↓	↓	↓	↓	↓
14	-011	11	↓	↓	↓	↓	↓
15	-012	12	↓	↓	↓	↓	S10-07241704
16	-013	13	↓	↓	↓	↓	↓

Extraction By: GG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: GA Date: 8/1/17

Log Sheet Approved By: GA **Date:** 8/1/17

ED_004522_00093400-00078

TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 7 / 31 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S 28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S 28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___ $MeCl_2$ ___ Acetone

Solvent ID: S 10-07241704 Lot#: ~~0000170942~~ Hexane Lot#: DP749 Ether

Solvent ID: S 10-07311701 Lot#: 0000162495 Lot#: DR608

Solvent ID: S ↓ 02 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y / N *Solvent Exchange:* Y / N

N_2 Flow: 7.5 psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
17	P1703612-014 -	72417-POD-RM14	No ID's	50		10	S10-07241704
18	-015 -	15					
19	-016 -	16					
20	-017 -	17					
21	-018 -	18					↓
22	-019 -	19					S10-07311701
23	↓ -020 -	↓ 20	↓				
24	MB-2 -		MB				
25	LCS-2 -		LCS		50		
26	LCSD-2 -		LCSD		↓		
27	P1703612-021 -	72417-POD-N center	No ID's				
28	-022 -	E					↓
29	-023 -	S ↓					S10-07311702
30	-024 -	↓ Library					
31	-025 -	72417-ADM-Nurse					
32	-026 -	Field Blank					
33)	↓ -027 -	↓ LAB Blank	↓	↓		↓	↓

Extraction By: GG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: EA Date: 8/1/17

Log Sheet Approved By: EA **Date:** 8/1/17

ALS Environmental
TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 8 / 1 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction ____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: ____ *Cartridge Volume:* ____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S 28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S 28-06021702

Solvent: X 90%/10% n-Hexane/Ether ___MeCl$_2$ ___Acetone

Solvent ID: S 10-07311702 Lot#: 0000162495 (Hexane) Lot#: DR608 (Ether)

Solvent ID: S ↓ 03 Lot#: ↓ Lot#: ↓

Solvent ID: S ↓ 04 Lot#: ↓ Lot#: ↓

Cleanup Performed: Y / (N) *Solvent Exchange:* Y / (N)

N$_2$ Flow: 7.5psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
1	MB-1 -		MB	50		10	S10-07311702
2	LCS-1 -		LCS	↓	50	↓	↓
3	LCSD-1 -		LCSD	↓	↓	↓	↓
4	P1703614-001 -	72517-ADM-SE office	No ID's	↓	↓	↓	S10-07311703
5	-002 -	S	↓	↓	↓	↓	↓
6	-003 -	SW	↓	↓	↓	↓	↓
7	-004 -	W	↓	↓	↓	↓	↓
8	-005 -	NW	↓	↓	↓	↓	↓
9	-006 -	72517-ADM-Center	↓	↓	↓	↓	↓
10	-007 -	Conference	↓	↓	↓	↓	↓
11	-008 -	Staff Rm	↓	↓	↓	↓	S10-07311704
12	-009 -	72517-GYM-Gathering Place	↓	↓	↓	↓	↓
13	-010 -	72517-GYM-CTE	↓	↓	↓	↓	↓
14	-011 -	72517-GYM-Girls locker	↓	↓	↓	↓	↓
15	-012 -	72517-GYM-Girls Locker Storage	↓	↓	↓	↓	↓
16	-013 -	72517-GYM-Small Gym	↓	↓	↓	↓	↓

Extraction By: GG Date: 8/1/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: ZW Date: 8/23/17

Log Sheet Approved By: ____ **Date:** ____

ED_004522_00093400-00080

ALS Environmental
TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 8 / 1 / 2017 **ANALYSIS :** TO-4A /TO-10A **EXTRACTION METHOD:** Soxhlet

Batch Type: X Sample Extraction _____ Cleaning/Certification

Cleaning/Certification Matrix: ___XAD-2® X PUF ___PUF/XAD-2®/Filter

Filter Lot #: _____ *Cartridge Volume:* _____ High X Low

Surrogate Spike – Conc.: 20 ug/mL; ID: S28-06021701

LCS – Conc.: 100/20 ug/mL; ID: S28-06021702

Solvent: __90%/10% n-Hexane/Ether __MeCl$_2$ __Acetone

Solvent ID: S10-08011701 Lot#: 0000173154 (Hexane) Lot#: DP749 (Ether)

Solvent ID: S 02 Lot#: Lot#:

Solvent ID: S 03 Lot#: Lot#:

Cleanup Performed: Y / N *Solvent Exchange:* Y / N

N$_2$ Flow: 7.5 psi *Concentrator Temperature:* 60°C

Pos.	Laboratory Identification	Client ID	Cartridge Identification	Spike (uL) - Surrogates	Spike (uL) – LCS / MS	Final Vol. (mL)	Comments
	P1703614-014 -	72517-GYM-electrical	No ID's	50		10	S10-08011701
	015 -	72517-ANX-Rm B					
	016 -	RMA					
	017 -	72517-ANX-East Hallway					
	018 -	72517-ANX-Boys Bathroom					
	019 -	72517-ANX-RMC					
	020 -	RMD					
	MB-2 -		MB				S10-08011702
	LCS-2 -		LCS		50		
	LCSD-2 -		LCSD				
	P1703614-021 -	72517-ANX-RME East	No ID's				
	-022 -	72517-ANX-RmE West					
	-023 -	72517-ANX-RMF					
	-024 -	72517-ANX-Hallway North					
	-025 -	72517-ANX-Rm B office Supples					S10-08011703
	-026 -	72517-Field Blank					
	-027 -	Lab Blank					

Extraction By: GG Date: 8/1/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: Zn Date: 8/23/17

Log Sheet Approved By: _____ **Date:** _____

ED_004522_00093400-00081

S28-06021701 20ug/ml pesticide surrogate spike std.
500 ul of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, Lot#: A0125020 Exp: 5/2023) made to 5 ml final Volume in Hexane (Batch: 143369)
Exp: 12/2/17 2W

S28-06021702 100 ug/ml Arocolor 1016-1260 + 20 ug/ml SG. LCS/LCSD spike.
500 ul of S28-12121405 c (1000 ug/ml, Aroclor 1016, supelco, Lot#: LC06403, x 2/23)
500 ul of S28-12121407 C (1000 ug/ml, Aroclor 1260, supelco, Lot#: LC09267, x 7/24)
500 ul of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, Lot#: A0125020, x 5/23)
made to 5 ml final Volume in Hexane (Batch: 143369)
Exp: 12/2/17 2W

S28-06061701 10 ug/ml Amine CCV std
500 ul of S28-02091707 made to 5 ml final volume in 0.01 N NaOH/MeOH w/IS.
Exp: 8/9/17 2W

S28-06061702 0.5 ug/ml Amine MRL check std.
50 ul of S28-06061701 made to 1 ml final Volume in 0.01 N NaOH/MeOH w/IS.
Exp: 8/9/17 2W

H2S Stock	S28-06071701	1328.6 ugS/ml						
Compound		M. Wt.	S Fraction	Used mg	Final Vol(ml)	H2S ug/ml	ugS/ml	
Na2S.9H2O		240.18	0.1335	99.50	10.0	1412.2	1328.57	
							Exp:1/16/18	2W
H2S Stock	S28-06071702	1249.8 ugS/ml						
Compound		M. Wt.	S Fraction	Used mg	Final Vol(ml)	H2S ug/ml	ugS/ml	
Na2S.9H2O		240.18	0.1335	93.60	10.0	1328.4	1249.79	
							Exp:1/16/18	2W

S28-06081701 25 ug/ml S8 working std. CCV
1.0 mL of S28-04061702 made to 10 mL final volume in Toluene w/IS (S28-05081701)
Exp. 10/6/17

FULCRUM
environmental consulting

Attachment E

ALS Global Cincinnati Laboratory Report
Wipe Samples

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

ALS Environmental

11-Aug-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Edu Center; PN 17-2070.02 Work Order: **1707841**

Dear Ryan,

ALS Environmental received 17 samples on 28-Jul-2017 09:51 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Chris Gibson

Shawn Smythe
Project Manager

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Work Order: **1707841**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1707841-01	72417-ADM-SF OFFICE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-02	72417-ADM-W OFFICE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-03	72417-GYM-GIRLS LOCKER STORAGE	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-04	72417-GYM-SMALL GYM A	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-05	72417-GYM-SMALL GYM B	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-06	72417-ANX-RM F	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-07	72417-POD-RM 03	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-08	72417-POD-RM 04	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-09	72417-POD-RM 08	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-10	72417-POD-RM 11	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-11	72417-POD-RM 14	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-12	72417-POD-RM 17	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-13	72417-POD-RM 20 A	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-14	72417-POD-RM 20 B	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-15	72417-FIELD BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-16	72417-LAB BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐
1707841-17	72417-TRIP BLANK	Wipe		7/24/2017	7/28/2017 09:51	☐

ED_004522_00093400-00085

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Work Order: 1707841

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ED_004522_00093400-00086

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ADM-SF OFFICE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-01
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ADM-W OFFICE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-02
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-GIRLS LOCKER STORAGE
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-03
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-SMALL GYM A
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-04
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-GYM-SMALL GYM B
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-05
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-ANX-RM F
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-06
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 03
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-07
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 04
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-08
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 08
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-09
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 11
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-10
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 14
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-11
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 17
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-12
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 20 A
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-13
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-POD-RM 20 B
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-14
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **100 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-FIELD BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-15
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-LAB BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-16
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: *11-Aug-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
Sample ID: 72417-TRIP BLANK
Collection Date: 7/24/2017

Work Order: 1707841
Lab ID: 1707841-17
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE Method: **SW8082** Area **0 cm2** Analyst: **JEA**

Date Analyzed: 8/9/2017

	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Work Order: 1707841
Project: Sky Valley Edu Center; PN 17-2070.02

QC BATCH REPORT

Batch ID: **44927** Instrument ID **GC3** Method: **SW8082**

MBLK Sample ID: **MBLK-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568249** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Aroclor 1262	ND	1.0								
Aroclor 1268	ND	1.0								
Surr: Decachlorobiphenyl	0.41	0	*0.5*	0	*82*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.51	0	*0.5*	0	*102*	*24.4-141*	0			

LCS Sample ID: **LCS-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568250** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.885	1.0	10	0	88.8	38.1-135	0			
Surr: Decachlorobiphenyl	0.427	0	*0.5*	0	*85.4*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.487	0	*0.5*	0	*97.4*	*24.4-141*	0			

LCSD Sample ID: **LCSD-44927-44927** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809B** SeqNo: **1568263** Prep Date: **8/8/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	9.582	1.0	10	0	95.8	38.1-135	8.885	7.55	20	
Surr: Decachlorobiphenyl	0.351	0	*0.5*	0	*70.2*	*14.6-145*	0.427	*19.5*		
Surr: Tetrachloro-m-xylene	0.386	0	*0.5*	0	*77.2*	*24.4-141*	0.487	*23.1*		

The following samples were analyzed in this batch: 1707841-01A 1707841-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Fulcrum Environmental Consulting
Work Order: 1707841
Project: Sky Valley Edu Center; PN 17-2070.02

QC BATCH REPORT

Batch ID: **44946** Instrument ID **GC3** Method: **SW8082**

MBLK Sample ID: **MBLK-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568903** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Aroclor 1262	ND	1.0								
Aroclor 1268	ND	1.0								
Surr: Decachlorobiphenyl	0.163	0	*0.5*	0	*32.6*	*14.6-145*		0		
Surr: Tetrachloro-m-xylene	0.186	0	*0.5*	0	*37.2*	*24.4-141*		0		

LCS Sample ID: **LCS-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568904** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.228	1.0	10	0	82.3	38.1-135		0		
Surr: Decachlorobiphenyl	0.361	0	*0.5*	0	*72.2*	*14.6-145*		0		
Surr: Tetrachloro-m-xylene	0.39	0	*0.5*	0	*78*	*24.4-141*		0		

LCSD Sample ID: **LCSD-44946-44946** Units: **µg/sample** Analysis Date: **8/9/2017**
Client ID: Run ID: **GC3_170809C** SeqNo: **1568920** Prep Date: **8/9/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	8.12	1.0	10	0	81.2	38.1-135	8.228	1.32	20	
Surr: Decachlorobiphenyl	0.337	0	*0.5*	0	*67.4*	*14.6-145*	0.361	*6.88*		
Surr: Tetrachloro-m-xylene	0.369	0	*0.5*	0	*73.8*	*24.4-141*	0.39	*5.53*		

The following samples were analyzed in this batch:

1707841-03A	1707841-04A	1707841-05A
1707841-06A	1707841-07A	1707841-08A
1707841-09A	1707841-10A	1707841-11A
1707841-12A	1707841-13A	1707841-14A
1707841-15A	1707841-16A	1707841-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 11-Aug-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.02
WorkOrder: **1707841**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ED_004522_00093400-00106

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **28-Jul-17 09:51**

Work Order: **1707841** Received by: **DNS**

Checklist completed by R dbN ieman 31-Jul-17 (eSignature / Date) Reviewed by: S hawn S myth 07-Aug-17 (eSignature / Date)

Matrices:

Carrier name: FedEx

	Yes	No	Not Present
Shipping container/cooler in good condition?	☑	☐	☐
Custody seals intact on shipping container/cooler?	☐	☐	☑
Custody seals intact on sample bottles?	☐	☐	☑
Chain of custody present?	☑	☐	
Chain of custody signed when relinquished and received?	☑	☐	
Chain of custody agrees with sample labels?	☑	☐	
Samples in proper container/bottle?	☑	☐	
Sample containers intact?	☑	☐	
Sufficient sample volume for indicated test?	☑	☐	
All samples received within holding time?	☑	☐	
Container/Temp Blank temperature in compliance?	☑	☐	

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

	Yes	No	
Water - VOA vials have zero headspace?	☐	☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	☐	☐	N/A ☐
pH adjusted?	☐	☐	N/A ☐

pH adjusted by:

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

1707841 1 of 2

ANALYTICAL REQUEST FORM

23707

ALS Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800) 458-1493 or (513) 733-5336
Fax: (513) 733-5347

Page 1 of 2

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum Environmental

Address 406 N 2nd St

Yakima WA 98901
City State Zip

Send Report To Ryan Matthews

Email Address Rmatthews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education Center

Date/Time of Collection [redacted] 7/24/17

Project No. 172070.02

Billing Address (if different)

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L) Sample Time (min.)	ANALYSES REQUESTED	Method Number if Known
01	72417-ADM-SF office	Hexane wipe	100 cm²	8082A	
02	72417-ADM-Wolfe				
03	72417-GYM-Girls Locker [illegible]				
04	72417-GYM-Small Gym A				
05	72417-GYM-Small Gym B				
06	72417-ANX-RM F				
07	72417-POD-RM03				
08	72417-POD-RM04				
09	72417-Pod-RM08				
10	72417-Pod-RM 11				
11	72417-Pod-RM 14				
12	72417-Pod-RM 17				
13	72417-Pod-RM 20A				
14	72417-Pod-RM 20B				
15	72417-Field Blank				
16	72417-Lab Blank				

DELIVERY METHOD: STD / PRTY MAIL UPS CLIENT DROP BOX FEDEX ALS COURIER OTHER _____

COOLING METHOD: NONE COOLER WET ICE ICE PACK

CUSTODY SEALS: NONE COOLER PACKAGE SAMPLES

COOLER TEMP: _____ °C

Failure to complete all portions of this form may delay analys

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan [signature]	7/26/17 9:30AM	[signature]	7/28/17 09:51
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

1707841 2 of 2

ALS Environmental
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Cincinnati, Ohio 45242
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Page 2 of 2

ANALYTICAL REQUEST FORM

23707

☒ **REGULAR** Status

☐ **RUSH** Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum Environmental

Address 406 N 2nd St

Yakima WA 98901
City State Zip

Send Report To Ryan Mathews

Email Address Rmathews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education Cent

Date/Time of Collection [redacted] 7/24/17

Project No. 172070.02

Billing Address (if different)

Lab Use Only	Client Sample	Media Type	Volume (L) Time (min)	ANALYSES REQUESTED - Use Method Number if Known
17	72417 - Trip Blank	Hexane wipe	100 cm2	8082A

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bo[illegible]	7/26/17 9:30 AM	[illegible]	7/28/17 09:51
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time