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Documentation of Approved Activities Completed Under the U.S. Environmental Protection Agency's August 2, 2024 Limited Risk-Based Cleanup and Disposal Approval

Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington

Project Number: 244064.01

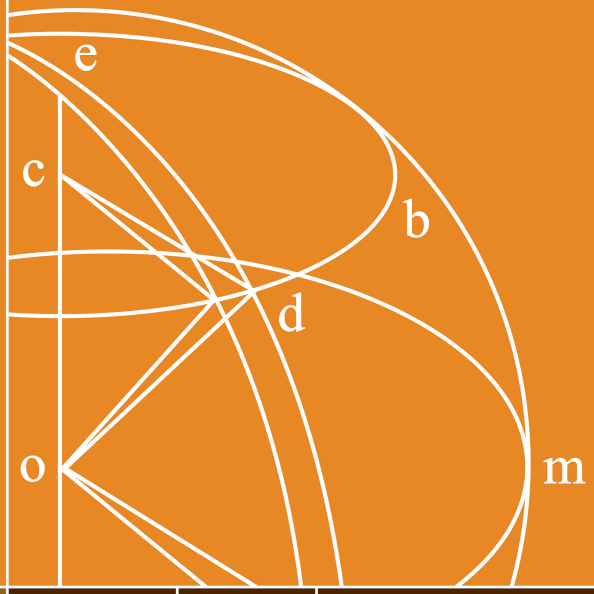
September 16, 2024

Prepared for:

Monroe School District No. 108
14692 179th Avenue SE
Monroe, Washington 98272

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Report Title: Documentation of Approved Activities Completed Under the U.S. Environmental Protection Agency's August 2, 2024, Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)

Project Number: 244064.01

Date: September 16, 2024

Site:
Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington 98272

Prepared for:
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Report Integrity:

Fulcrum Environmental Consulting, Inc.'s scope of service for this project was limited to those services as established in the proposal, contract, verbal direction, and/or agreement. This report is subject to applicable federal, state, and local regulations governing project-specific conditions and was performed using recognized procedures and standards of the industry. Scientific data collected in situ may document conditions that may be specific to the time and day of service, and subject to change as a result of conditions beyond Fulcrum's control or knowledge. Fulcrum makes no warranties, expressed or implied as to the accuracy or completeness of other's work included herein. Fulcrum performed these services in accordance with generally accepted environmental science standards of care at the time of the inspection. No warranty, expressed or implied, is made.

Table of Contents

Section		Page
1.0	Introduction	1
1.1	Modifications to the Approval	1
2.0	Visual Inspection	2
3.0	Exterior Epoxy Coating Repairs	3
4.0	Interior Epoxy Coating Repairs	5
5.0	Signage	7
6.0	Waste Disposal	7
7.0	Annual Wipe Sampling	8
8.0	Conclusion	9

Tables

1 Activities and/or Deliverables per the Approval 2
2 Exterior Clearance Events 4
3 Interior Wipe Clearance Events 6
4 Interior Air Clearance Events 7
5 Annual Wipe Sampling Component and Sample Counts 8

Figures

1 SVEC Campus – Exterior Sample Locations
2 POD/Library Building – Interior Sample Locations
3 Annex Building – Interior Sample Locations

Appendices

A Limited RBDA Approval and Approved Modifications
B Figures
C 3rd Quarter 2024 Visual Inspection Memorandum
D Exterior Work Area Memorandums
E August 27, 2024 Sampling Memorandum
F Interior Work Area Memorandums
G Signage
H 2024 Annual Wipe Sampling

Executive Summary

Site Address: 351 Short Columbia Street in Monroe, Washington

Owner & Operator: Monroe School District
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Site Conditions: Polychlorinated biphenyl (PCB) containing caulk and sealants are present around window units, door units, exterior penetrations, adjacent exterior columns, and in window in-fill systems at Sky Valley Education Center (SVEC). Previous laboratory analysis found PCB concentrations of up to 140,000 milligrams per kilogram (mg/Kg), exceeding the Toxic Substances Control Act (TSCA) threshold of 50 parts per million (ppm). In summer 2016, accessible caulking and sealants were removed and two layers of epoxy coating (a red base layer and a tan covering layer) were applied in order to encapsulate the limited PCB containing caulking and sealants that remained and adjacent building materials into which PCBs may have contaminated.

Summary of Work: The Monroe School District (District) received a Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and § 761.62(c), from the United States Environmental Protection Agency Region 10 (EPA) on August 2, 2024 (Limited RBDA Approval). On August 5, 2024, the District, Fulcrum, and Walker Specialty Construction, Inc. initiated the approved activities, including: quarterly visual inspection and documentation of the condition of epoxy coatings, applying new epoxy on worn or damaged epoxy on exterior locations and in five interior room locations; collecting wipe and soil samples in exterior work locations to determine if new cured epoxy surfaces and underlying concrete site walk or soil surfaces met clearance criteria, and collecting wipe and air samples inside the negative pressure enclosures (NPEs) in the five interior work locations to determine if the conditions met clearance criteria. Signage has been placed at exterior entrances to the building notifying of the presence of polychlorinated biphenyls.

Exterior epoxy recoating was completed on the Administration, Annex, Gymnasium and POD/Library buildings. About 1,143 linear feet of new epoxy

coatings were applied around window units, along columns, and other components.

Two of the five interior NPE work areas, POD classroom 1 and POD classroom 17, were found with both wipe and air samples to meet the clearance criteria (10 µg/100 cm^2 for wipe samples and 100 ng/m^3 for air samples). These areas have been released to the District.

Two interior NPE work areas, Annex E East and Annex E West, were found with air samples exceeding the clearance criteria of 100 ng/m^3 and work remains prior to retesting, as previously reported to the EPA. One interior negative pressure enclosure, Annex F, was found with air sample results at the EPA clearance criteria. All three negative pressure enclosures remain intact and operational. Wipe samples collected both during and following the work did not identify any PCB concentrations inside the three NPEs above the clearance criteria.

On September 5, 2024, Fulcrum, on behalf of the District, requested the EPA's approval for additional air sampling in the Annex building, as such work would be outside the scope of the Limited RBDA Approval. During a conference call on September 10, 2024, the EPA provided verbal approval of the additional air sampling and requested that samples of air filter media in building heating and ventilation units also be collected. On September 11, 2024, Fulcrum completed air sampling and filter media sampling. The results have not been received as of the issuance of this report. The results of the air sampling in the Annex will be used to determine if the elevated PCB concentrations are limited to the NPEs.

On August 30, 2024, Fulcrum completed annual wipe sampling from 12 interior and 15 exterior locations selected using proportional assignment by building and random sampling location selection for each building. The annual wipe sampling did not identify any PCB exceedances of the action level of 10 µg/100 cm^2.

Conclusions:

As requested by the District, Fulcrum has completed the activities authorized under the Limited RBDA Approval and provides this report of the completed activities. Completed activities included visual inspection; repair work to areas of epoxy coatings, clearance sample collection, laboratory analysis, placement of signage; and annual wipe sampling.

All exterior work locations associated with the Summer 2024 work areas are complete and all wipe samples are below the clearance criteria of 10 µg/100 cm^2 with all concrete sidewalk testing locations below 1 µg/100 cm^2 and all soil samples below 1 mg/Kg as established by the EPA.

Work in two of the five interior work areas (POD classroom 1 and POD classroom 17) is complete with all wipe samples below the clearance criteria of

10 µg/100 cm^2 and all air samples below 100 ng/m^3. POD classroom 1 and POD classroom 17 have been returned to the District for use.

The District requested, and on September 10, 2024 the EPA verbally approved, supplemental air sampling in interior rooms of the Annex building and collection of samples of accessible heating and ventilation air filters in the Annex building for laboratory analysis. Laboratory results have not been received as of the issuance of this report.

The 2024 annual wipe sampling did not identify any exceedances of the action level of 10 µg/100 cm^2.

1.0 Introduction

During Summer 2024, the Monroe School District and their project partners Fulcrum Environmental Consulting, Inc. (Fulcrum) and Walker Specialty Construction, Inc. (Walker) completed visual inspection, localized recoating, and environmental testing at the Sky Valley Education Center. The completed activities are presented in the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval). The approved activities included:

- Completed a visual inspection of the condition of all epoxy coatings on the campus.
- Completed repair and recoating of epoxy coatings on the exterior of the Administration building, Annex building, Gymnasium building, and POD/Library building.
- Completed repair and recoating of epoxy coatings on the interior of POD classroom 1, POD classroom 17, Annex E East, Annex E West, and Annex F.
- Completed environmental sampling (air, wipe, and soil samples) of exterior and interior work areas.
- Conduct annual wipe sampling from interior and exterior epoxy coatings.

As provided in the Limited RBDA Approval from EPA, "[t]his Approval applies solely to inspection, repair, and wipe sampling of epoxy encapsulated PCB building materials identified in the Application, along with indoor air sampling in each room that contains a location where epoxy was repaired or replaced." And that "[t]he District must seek advanced approval for any deviations from this written Approval."

1.1 Modifications to the Limited RBDA Approval

During the course of the work, Fulcrum, on behalf of the District, sought and received approval for the following modifications to the Limited RBDA Approval:

- Request for use of GacoFlex E5320 for use in non-porous areas where epoxy adhesion is poor. Approved in an email from EPA's Region 10 PCB Coordinator on August 6, 2024.
- Request for use of Eurofins' Seattle laboratory to provide wipe sample analysis. Approved by email from EPA's Region 10 PCB Coordinator on August 26, 2024.
- Request to complete supplemental air sampling in the Annex building. Approved by EPA during conference call on September 10, 2024.

See Appendix A for the Limited RBDA Approval, the two email approvals, and request for third approval.

Specific activities and deliverables are identified in the Limited RBDA Approval. Table 1 provides a summary of the activities, due dates, and dates completed. The locations of samples during the Summer 2024 work are shown on Figures 1, 2, and 3 in Appendix B.

Table 1: Activities and/or Deliverables per the Limited RBDA Approval

Activities and/or Deliverables	Date Completed
By August 15, 2024, the District must complete a visual inspection of all encapsulated interior and exterior surfaces at SVEC.	August 5, 2024. Results summarized in this report and presented in a separate memorandum included in Appendix C.
By September 1, 2024, following the reapplication of epoxy, the District must conduct wipe sampling in accordance with the procedures in Enclosure 4, incorporated here by reference.	Completed for all areas on August 30, 2024. Final laboratory results received on September 13, 2024. Individual work area sampling memorandum are included in Appendix D, E, and F.
By September 1, 2024, following the reapplication of epoxy, the District must conduct indoor air sampling in accordance with the procedures in Enclosure 4, incorporated here by reference.	Completed for POD classroom 1 and POD classroom 17. Sampling has been conducted in Annex E East, Annex E West and Annex F, but is subject to additional evaluation. See Appendix F for the results of air samples collected in the interior work area NPEs.
The District must document the approved activities in Conditions 9 through 11 in a report and submit this report to the EPA no later than September 16, 2024 (date adjusted by the EPA to business day following original September 15, 2024, deadline).	Completed upon delivery of this report.
By September 15, 2024, signage must be posted and maintained at a prominent location at the Facility notifying site workers and visitors of the presence of PCBs and instructions for obtaining more information.	September 15, 2024

2.0 Visual Inspection

On August 5, 2024, Ryan Mathews and Tarell Manjarrez with Fulcrum completed a visual inspection of all identified areas of epoxy coatings at the SVEC to identify deterioration or damage. The epoxy coating selected in 2016 is Sikagard 62 and consists of a red base layer and a tan coating layer.

The inspection was completed as provided in Standard Practice 4: *Semi-Annual Inspection and Monitoring Activities*. Note: as a condition of the Limited RBDA Approval, inspection is required quarterly.

Fulcrum completed a visual inspection of all epoxy coating locations to identify areas of damage to the tan covering layer greater than 20% in any one interior room or area or 20% on any one exterior building face. See Appendix C for the 3rd Quarter 2024 Visual Inspection memorandum.

On exterior surfaces, Fulcrum noted that recent vandalism used red and black colored spray paint. The red paint is a different red color than the red base epoxy coating. On interior surfaces, Fulcrum noted that red paint has been historically applied to some surfaces, including the cement asbestos board panels associated with the POD/Library building window systems. The red paint is very similar in color to the red base epoxy coating, but the extent of epoxy coating application is generally distinguished by the thickness of the epoxy coatings and edge from previous masking tape application.

In general, the visual inspection found exterior epoxy coatings remain subject to wear from weather conditions and sunlight. As found in a "*Literature Review of Remediation Methods of PCBS in Buildings*" prepared by Environmental Health & Engineering, Inc. for the EPA (Contract No. EP-C-10-043), EPA/600/R-12/034, January 2012 (https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P100FA8L.TXT), the Sikaguard 62 was found to have an effectiveness rating of "good" but has an aesthetic rating of "fair" as a result noting that the "[c]ured project creates a nonporous surface coating that is initially very glossy, but appears streaky and discolored after long-term exposure to sunlight (non UV-resistant); however, epoxy in joint would be beneath caulking."

For Sikagard 62, the report concludes that "[a]lthough the implementation and aesthetics received fair ratings, this product is most effective at encapsulating high level residual PCBs and is recommended (or a similar epoxy-type product, e.g., Sikadur 35) for use in the joints after caulking removal."

The visual inspection of the exterior epoxy coatings found that application at SVEC has resulted in a streaky and discolored finish. Interior epoxy coatings were generally found to have a glossy finish.

The visual inspection concluded that recoating the areas with streaky and discolored finish would restore the effectiveness and aesthetics of the coatings on exterior features.

Interior locations were found with limited damage with the highest damage found on Annex E East, Annex E West, Annex F, POD classroom 1, and POD classroom 17.

3.0 Exterior Epoxy Coating Repairs

Based on the results of the exterior epoxy coating conditions observed during the 3rd Quarter 2024 visual inspection, Fulcrum and the District determined that most tan colored exterior coatings were likely to further degrade beyond 5% damage within a 1 year period. As a result, the District directed that exterior surfaces on the Admin, Annex, Gymnasium, and POD/Library building be prepared, cleaned, and new gray epoxy applied.

Walker completed preparation of the tan epoxy coatings, by removing loose material and preparing and cleaning the tan epoxy layer for new epoxy application. All new covering epoxy is gray in color. Where a primer was required, Walker used GacoFlex E5320, on the underlying non-porous surface. Epoxy was applied with brush and roller. In select areas, such as on the cement asbestos board panels below the POD/Library windows, new gray epoxy was applied across the surface to stabilize the panels from weather conditions and to minimize epoxy edges.

The epoxy recoating consisted of the following approximate quantities as measured in linear feet (LF):

- Administration building – columns with 120 LF and eight windows with 98 LF of epoxy coating
- Annex building – multiple windows with 357 LF of epoxy coating
- Gymnasium building – 28 columns with 340 LF, multiple windows with 168 LF of epoxy coating

- POD/Library building – 20 window units with 360 LF of epoxy coating

No recoating was completed on the CTE/Technology building during the Summer 2024 work.

Clearance samples were collected from the cured epoxy and from the concrete sidewalk or exposed soil surfaces immediately below the epoxy application areas. Clearance samples were collected as the work progressed, and resulted in multiple clearance events for the Administration, Gymnasium and POD/Library buildings. All samples for the Annex building were collected during a single clearance event. As a result of the separate sampling events, the actual number of samples from cured epoxy and concrete sidewalks exceed the minimum sampling counts required by the quantities of epoxy present on the buildings.

All project memorandum associated with the exterior clearance sampling is located in Appendix D; the field sample collection methodology, analytical methods, etc. are not duplicated in this report. The August 27, 2024 memorandum includes both exterior and interior results and is included in Appendix E. See Appendix B, Figure 1 for all samples collected from exterior locations during the Summer 2024 work.

Table 2: Exterior Clearance Events

Work Area	Date Collected	Cured Epoxy Samples	Concrete Sidewalk or Soil Samples [1]	Results
Admin Front (South)	8.12.2024	3	3	No samples with detectable PCBs
POD west (classrooms 18, 19, & 20) [2]	8.20.2024	2	3	No samples with detectable PCBs
Admin North & Gymnasium Daycare	8.20.2024	3	3	No samples with detectable PCBs
Admin West	8.22.2024	2	3	No samples with detectable PCBs
Gymnasium (south and west)	8.22.2024	10	9	No samples with detectable PCBs
POD South (classrooms 1, 2, & 3)	8.22.2024	2	3	No samples with detectable PCBs
POD East & North	8.28.2024	6	11	Sample 082824W-POD 15-09 with 0.13 µg/100 cm^2, all other samples were non-detect
Annex South & North	8.28.2024	8	7	PCBs ranging from 0.011 mg/Kg to 0.91 mg/Kg in soil samples [3]

The table does not include sample counts for field duplicates, field blanks, or laboratory blanks. See the individual memorandum for this information.

[1] Soil samples were only collected at the Annex building, all other samples were collected from the concrete sidewalk.

[2] This memorandum inadvertently included both interior and exterior samples and is located in Appendix E.

[3] The 0.011 mg/Kg was flagged with J by the laboratory and is considered an estimated value below the method reporting limit

During the Summer 2024 work, 36 wipe samples were collected from cured epoxy surfaces, 42 wipe samples from concrete sidewalks below the epoxy surfaces, and 7 soil samples from soil below the epoxy surfaces. No samples from the cured epoxy surfaces were reported with PCBs.

One sample from the concrete sidewalk on the exterior of the POD/Library building was found with 0.13 µg/100 cm^2 of Aroclor 1254.

Seven soil samples were collected from exposed soil on the north and south sides of the Annex building; all were found with detectable PCBs. While no result exceeded the clearance criteria of 1 mg/Kg, the average exterior concentration was 0.31 mg/Kg and the highest result was 0.91 mg/Kg.

No clearance samples from any exterior work area exceeded the applicable clearance criteria.

4.0 Interior Epoxy Coating Repairs

The visual inspection identified five interior work areas with epoxy coatings for repair and recoating:

- Annex E East
- Annex E West
- Annex F
- POD classroom 1
- POD classroom 17

Each work area was established as a negative pressure enclosure (NPE). Walker completed removal of loose epoxy coating using manual means and utilized abrasive epoxy removal only where they determined the existing epoxy was not well adhered.

Interior work included in this clearance inspection included:

- Annex E East – 40 linear feet of existing epoxy coating and a NPE of 90 square feet
- Annex E West – 30 linear feet of existing epoxy coating and a NPE of 60 square feet
- Annex F – 45 linear feet of existing epoxy coating and a NPE of 190 square feet
- POD 1 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet
- POD 17 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet

All project memorandum associated with the interior clearance sampling is in Appendix F; the field sample collection methodology, analytical methods, etc. are not duplicated in this report. The August 27, 2024 memorandum includes both exterior and interior results and is included in Appendix E. See Appendix B for Figure 2, showing the locations of all samples collected from POD/classroom project areas, and Figure 3, showing the locations of all samples collected from the Annex project areas during the Summer 2024 work.

Table 3: Interior Wipe Clearance Events

Work Area	Date Collected	Cured Epoxy Samples	Samples inside the NPEs	Samples outside the NPEs	Results
Annex E East, Annex E West, Annex F [1]	8.20.2024	3	6	3	No samples with detectable PCBs
POD classroom 1 and POD classroom 17	8.20.2024	2	4	2	No samples with detectable PCBs
Annex E East, Annex E West, Annex F [1]	8.26.2024	--	--	3 [2]	No samples with detectable PCBs
POD classroom 1 and POD classroom 17	8.26.2024	--	4	3 [3]	No samples with detectable PCBs
Annex E East, Annex E West	8.28.2028	2	4	2	No samples with detectable PCBs
Annex F	8.28.2028	1	2	1	Sample from cured epoxy coating with 0.44 µg/100 cm^2, below the clearance criteria

The table does not include sample counts for field duplicates, field blanks, or laboratory blanks. See the individual memorandum for this information.

[1] Additional wipe samples were collected during this event, but were placed on hold and not analyzed following receipt of air sample results exceeding the clearance criteria.

[2] In-progress samples collected to evaluate for settled dust inside the NPEs.

[3] Includes two samples collected from the polyethylene sheeting on the exit pathway and one in the waste loadout.

No wipe samples collected inside the work area NPEs or outside of the NPEs were found with PCBs exceeding the clearance criteria.

Table 4: Interior Air Clearance Events

Room NPE	Date Collected	Samples inside the NPEs	Results
Annex E East	8.20.2024	2	65 ng/m^3 and 130 ng/mg^3, the clearance criteria is not met
Annex E West	8.20.2024	2	80 ng/m^3 and 150 ng/mg^3, the clearance criteria is not met
Annex F	8.20.2024	2	100 ng/m^3 and 140 ng/mg^3, the clearance criteria is not met
POD classroom 1	8.20.2024	2	30 ng/m^3 and 34 ng/mg^3, below the clearance criteria
POD classroom 17	8.20.2024	2	<27 ng/m^3 and 78 ng/mg^3, below the clearance criteria [1]
Annex E East	8.29.2024	2	98 ng/m^3 and 130 ng/mg^3, the clearance criteria is not met
Annex E West	8.29.2024	2	270 ng/m^3 and 300 ng/mg^3, the clearance criteria is not met
Annex F	8.29.2024	2	93 ng/m^3 and 100 ng/mg^3 and at the clearance criteria

[1] The laboratory qualified this result with a "J" flag, the result is an estimated value below the reporting limit.
The table does not include sample counts for field duplicates, field blanks, or laboratory blanks. See the individual memorandum for this information.

Clearance of POD classroom 1 and POD classroom 17 was confirmed on September 4, 2024.

Air samples collected during both events inside the negative pressure enclosures for the work areas of Annex E East and Annex E West were found to be above the clearance criteria of 100 ng/m^3. Air samples collected during the second event in Annex F found air sample results to be at the clearance criteria.

5.0 Signage

The District posted signs at all exterior doorway entrances with an adjacent window notify of the presence of PCBs in the SVEC buildings. A copy of the signage is included in Appendix G.

6.0 Waste Disposal

Wastes associated with the Summer 2024 work was placed into sealed plastic bags and has been placed into drums located in the District's Transportation Center (1401 West Main Street, Monroe, Washington) storage room pending offsite transport and disposal.

The NPEs constructed for Annex E East, Annex E West, and Annex F remain and will result in additional project waste generation.

The waste is pending pickup and disposal. A memorandum will be issued following disposal and will include a copy of the waste manifest.

7.0 Annual Wipe Sampling

On August 30, 2024, Fulcrum completed annual wipe sampling from cured epoxy surfaces covering PCB caulking and sealants at the SVEC. As provided in the application, 12 interior wipe samples and 15 exterior wipe samples were collected. The field sample collection methodology, analytical methods, etc. are not duplicated in this report. See Appendix H for the 2024 Annual Wipe Sampling memorandum.

The total components with epoxy encapsulation on interior building surfaces is about 75 and about 105 on exterior building surfaces. Based on the number of components in each of the buildings a proportional number of samples to be collected were assigned to each building.

Table 5: Annual Wipe Sampling Component and Sample Counts

Location	Interior		Exterior	
	Components	Wipe Samples	Components	Wipe Samples
Administration	13	2	22	3
Annex	15	3	23	3
Gymnasium	27	4	35	5
POD/Library	20	3	20	3
CTE/Technology	0	--	5	1
Total Components	**75**	**--**	**105**	**--**
Total Samples	**--**	**12**	**--**	**15**

The table does not include sample counts for field duplicates, field blanks, or laboratory blanks. See the individual memorandum for this information.

During the annual wipe sampling, the epoxy surfaces associated with Annex E East, Annex E West, and Annex F were not accessible as they were located within NPE. No other locations of epoxy coatings were present inside the Annex building and the two wipe samples that had been randomly selected to be within Annex E and Annex F were reassigned, one each to the Gymnasium and POD/Library buildings.

Random component selection and sample height on the component were used to select the specific wipe testing location. Where a duplicate sample was collected, the wipe was collected immediately adjacent to the original sample.

Two samples, 83024-GYM-INT-01 and 83024-ANX-INT-10, were identified with 0.11 µg/100 cm^2 and 0.26 µg/100 cm^2, respectively and below the interior criteria of 10 µg/100 cm^2. Both samples were collected from existing tan epoxy. The epoxy surface appeared to be intact and in good condition. The results do not require any action; however, these areas will be inspected during each quarterly event.

No PCBs were found in any of the exterior wipe samples, including samples collected from both tan and gray epoxy coatings.

8.0 Conclusion

As requested by the District, Fulcrum has completed the activities authorized under the Limited RBDA Approval and provides this report of the completed activities. Completed activities included quarterly visual inspection; repair work to areas of epoxy coatings, clearance sample collection, laboratory analysis, placement of signage; and annual wipe sampling.

All exterior work locations associated with the Summer 2024 work area are complete and all wipe samples are below the clearance criteria of 10 µg/100 cm^2 with all concrete sidewalk testing locations below 1 µg/100 cm^2 and all soil samples below 1 mg/Kg as established by the EPA.

All exterior work completed during the Summer 2024 work is considered complete.

Work in two of the five interior work areas (POD classroom 1 and POD classroom 17) is complete with all wipe samples below the clearance criteria of 10 µg/100 cm^2 and all air samples below 100 ng/m^3.

Work in POD classroom 1 and POD classroom 17 is considered complete and the areas have been returned to the District for use.

Air samples collected during both events inside the negative pressure enclosures for the work areas of Annex E East and Annex E West were found to be above the clearance criteria of 100 ng/m^3. Air samples collected during the second event in Annex F found air sample results to be at the clearance criteria.

The District requested, and on September 10, 2024 the EPA verbally approved, completing supplemental air sampling in the Annex building and collecting accessible heating and ventilation air filters from the Annex building for laboratory analysis. Supplemental air sampling and filter media sampling in the Annex has been completed, but laboratory results have not been received as of the issuance of this report. The results of the air sampling in the Annex will be used to determine if the elevated air sample concentrations are limited to the NPEs or if conditions extend into the Annex building.

The 2024 annual wipe sampling did not identify any exceedances of the action level of 10 µg/100 cm^2.

Appendix A

Limited RBDA Approval and Approved Modifications

REGION 10
SEATTLE, WA 98101

August 2, 2024

Mr. Shawn Woodward
Superintendent
Monroe School District No. 103
14692 179th Avenue SE
Monroe, Washington 98272

Re: Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and § 761.62(c).
EPA ID: WAH000051422

Dear Mr. Woodward:

The U.S Environmental Protection Agency Region 10 Polychlorinated Biphenyl (PCB) Program has reviewed the Monroe School District's (District) *Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)* (Application) submitted on May 31, 2024, pursuant to the Toxic Substances Control Act (TSCA) and its implementing regulations at 40 Code of Federal Regulations (CFR) Part 761. The submittals comprising the Application and other relevant documents are listed in Enclosure 1, References. The basis for the EPA's decision to approve the actions identified in Enclosure 2 is provided in the Enclosure 3, Background and Findings. Approved Procedures, which have been adapted from Appendix H of the Application, are provided in Enclosure 4. This letter and the enclosed conditions provide approval for epoxy encapsulant repair or replacement and sampling of PCB remediation waste and PCB Bulk product waste at the Sky Valley Education Center located at 351 Short Columbia Street in Monroe, Washington and for storage of bulk PCB remediation waste at the Monroe Public School Transportation Office located at 1410 W Main Street in Monroe, Washington.

The District's application seeks approval from the EPA to identify and reapply epoxy in areas where it is deteriorated or damaged to ensure the effective encapsulation of caulking and sealants that contain PCBs and to address ongoing unreasonable risk present at the school, as identified by the EPA's September 26 and 27, 2022, inspection. After the reapplication is complete, the District will conduct wipe sampling to verify and document the effectiveness of the epoxy coating, in accordance with 40 CFR § 761.61(a)(6)(i) and indoor air sampling in each room that contains a location where epoxy was repaired or replaced.

The EPA finds that the District's proposed method of identifying and reapplying epoxy in areas where it is damaged or deteriorated does not present an unreasonable risk of injury to health or the environment, subject to the conditions in Enclosure 2. The EPA applies this "no unreasonable risk standard" in accordance with the PCB regulations at 40 CFR § 761.61(c) and § 761.62(c) and TSCA at 15 USC § 2605(e). The EPA approves specific tasks proposed in the Application related to inspection, repair, wipe sampling of epoxy encapsulant, and indoor air sampling pursuant to 40 CFR 761.61(c) and § 761.62(c) and subject to the conditions in Enclosure 2.

This Approval is issued to Monroe School District, the operator of the Sky Valley Education Center, who has responsibility for compliance with TSCA, the regulations at 40 CFR Part 761, and the conditions of this Approval. This Approval applies solely to inspection, repair, and wipe sampling of epoxy-encapsulated PCB building materials identified in the Application, along with indoor air sampling in each room that contains a location where epoxy was repaired or replaced. This Approval does not preclude the EPA from initiating any enforcement action, including an action seeking civil penalties, for any violation of the TSCA or the PCB regulations at 40 CFR Part 761.

This Approval incorporates and is issued in accordance with applicable requirements of the PCB regulations at 40 CFR Part 761, including the requirements applicable to a "risk-based disposal approval" under 40 CFR § 761.61(c) and § 761.62(c). The authority to approve or deny applications under 40 CFR § 761.61(c) and § 761.62(c) has been delegated to the Director, Land, Chemicals and Redevelopment Division.

Any actions which deviate from the terms and conditions of this Approval may result in administrative, civil, or criminal enforcement in accordance with Sections 16 and 17 of TSCA, 15 U.S.C §§ 2615 and 2616. The District must seek advanced approval for any deviations from this written Approval. The EPA may modify, suspend, revoke, or terminate this Approval for any violation or if it determines that the District has misrepresented or omitted material facts in the application, completion report, or any other material communication. The EPA may require additional work if it is determined, based on new information, that the approved activity presents an unreasonable risk of injury to health or the environment.

Compliance with this Approval does not relieve the District of the responsibility to comply with all other applicable federal, state, and local laws and regulations and does not release the District from any liability it may have with respect to releases of hazardous substances at or from the site.

This Approval expires one (1) year from the date of issuance on August 2, 2025. The District may request an extension of this Approval by submitting a written request to the EPA.

If you have any questions or comments, please contact Brett Feldhahn, of my staff, at 206-553-2899 or feldhahn.brett@epa.gov.

Sincerely,

TIMOTHY HAMLIN Digitally signed by TIMOTHY HAMLIN
Date: 2024.08.01 15:48:29 -07'00'

Timothy B. Hamlin
Director
Land, Chemicals and Redevelopment

Enclosures:

1. References
2. Approval Conditions
3. Background and Findings
4. Approved Procedures

Enclosure 1

REFERENCES

Issued to Monroe School District on August 2, 2024

Sky Valley Education Center

Environmental Health & Engineering, Inc. (2012). *Literature review of remediation methods for PCBs in buildings* (Contract No. EP-C-10-043). National Risk Management Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency.

Fulcrum Environmental Consulting, Inc. (2024, May 31). *Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)* [Application Document]. Prepared for Monroe School District No. 108.

Hamlin, T. (2017, September 15). *Re: Sky Valley Education Center (SVEC) Approval of Risk-Based Disposal Method for PCB Bulk Product Waste and PCB Remediation Waste in accordance with 40 CFR § 761.61(c) and 761.62(c)* [Letter]. Issued to Monroe School District.

Stock, M. J. (2024, May 31). *Re: Monroe School District Sky Valley Education Center Request for Limited Approval Under 40 CFR § 761.61(c)* [Letter]. Submitted by Hillis Clark Martin & Peterson P.S. for Monroe School District

Enclosure 2

APPROVAL CONDITIONS

Issued to Monroe School District on August 2, 2024

Sky Valley Education Center

1. The terms and abbreviations used in this document have meanings as defined in 40 CFR § 761.3 unless they have been specifically redefined in this Approval.

2. This Approval exclusively authorizes the activities expressly described herein, including inspection, repair, and wipe sampling of epoxy-encapsulated PCB building materials identified in the Application, along with indoor air sampling in each room that contains a location where epoxy was repaired or replaced. This Approval does not authorize any activities that may have been included in the Application but are not expressly approved herein. If there are any discrepancies between the requirements of this Approval and the proposed tasks in the Application, the conditions of this Approval take precedence.

3. SVEC must perform all sampling and analysis in accordance with the EPA Guidance for Quality Assurance Project Plans (EPA QA/G-5, December 2002), as appropriate for the Site. The EPA reserves the right to audit laboratories selected by SVEC or to require SVEC to purchase and analyze any Performance Evaluation (PE) samples chosen by the EPA.

4. Chemical extraction for PCBs must be conducted using Method 3500B/3540C of SW-846 and chemical analysis for PCBs must be conducted using Method 8082 of SW-846 unless another extraction or analytical method is validated according to 40 CFR Part 761, Subpart Q. The minimum laboratory reporting limit must be 1 µg/100 cm^2.

5. Per 40 CFR § 761.61(a)(4), interior clearance criteria for wipe samples are less than or equal to (≤) 10 µg/100 cm^2. The clearance criteria for air samples is less than or equal to (≤) 100 ng/m^3. The District must prohibit use of any area or room where sampling indicates PCB levels exceed the clearance criteria.

6. This Approval does not authorize renovation or demolition activities that may impact any remaining PCB-containing caulk behind windows or ventilators.

7. This Approval does not waive or compromise the EPA's enforcement and regulatory authority, nor does it release SVEC from compliance with any applicable requirements of federal, state, or local laws. Furthermore, it does not release SVEC from liability for, or otherwise resolve, any violations of federal, state, or local law.

8. The District must not undertake any projects that could affect the epoxy sealant, including intentional damage, removal, or repair, using its own staff. Such projects must be executed by a

specialized contractor.

9. By August 15, 2024, the District must complete a visual inspection of all encapsulated interior and exterior surfaces at SVEC. This inspection must identify any areas where the epoxy is damaged or deteriorated. The District must collect photographic documentation of each location where it intends to repair or replace the epoxy. Upon identification, the District's specialty contractor must repair or replace all damaged or deteriorated epoxy and properly dispose of it as PCB remediation waste. The District's specialty contractor must then reapply epoxy to all the affected areas. These activities must be conducted in accordance with the Enclosure 4, incorporated here by reference.

10. By September 1, 2024, following the reapplication of epoxy, the District must conduct wipe sampling in accordance with the procedures in Enclosure 4, incorporated here by reference. The District must collect a minimum of one wipe sample from each location where epoxy was repaired or replaced. The sampling results must be provided to the EPA within 72 hours of receipt.

11. By September 1, 2024, following the reapplication of epoxy, the District must conduct indoor air sampling in accordance with the procedures in Enclosure 4, incorporated here by reference. The District must collect a minimum of one indoor air sample from each room containing a location where deteriorated epoxy was repaired or replaced. The sampling results must be provided to the EPA within 72 hours of receipt.

12. The District must document the approved activities in Conditions 9 through 11 in a report and submit this report to the EPA no later than September 15, 2024.

    The report must contain the following Statement of Certification, signed by the District Superintendent:

Statement of Certification

I certify that the enclosed reports and information are true, accurate, and complete. I certify that the portions of the report which I did not personally prepare were prepared by persons acting on behalf of the Monroe School District under my supervision and at my instruction, and that the information provided is true, accurate, and complete. I am aware that there are significant penalties for submitting false information to EPA, including the possibility of fine and imprisonment.

*Dated*_____
*Signature*_____

13. Beginning Fall 2024, the District must conduct quarterly visual inspections of all interior and exterior epoxy coatings in accordance with the procedures in Enclosure 4, incorporated here by reference. If any damage is identified, the District must complete repairs or replacements within fourteen (14) days in accordance with the procedures in Enclosure 4, incorporated here by reference.

14. Visual inspections of epoxy must include the identification of any elements that could potentially increase the risk of children damaging the epoxy or coming into contact with it. Examples of such elements include posters taped to the epoxy or the placement of children's coat hanging areas near the epoxy. If such factors are identified, the District must take immediate action, including safely removing the items that are affecting the epoxy and educating the relevant personnel about the associated risks.

15. The District must require that persons participating in epoxy repair activities governed by this Approval wear or use protective clothing or equipment to protect against dermal contact or inhalation of PCBs or materials containing PCBs.

16. The District must conduct wipe sampling of encapsulated surfaces following standard wipe test procedures in accordance with 40 CFR § 761.123.

17. The District must submit all sample results to the EPA for evaluation within 72 hours of receipt.

18. Power tools used during activities authorized by this Approval must be equipped with a shroud connected to a high-efficiency particulate air (HEPA) filter vacuum to capture chips and dust.

19. The District must implement engineering controls to prevent contaminated materials or dust from being released beyond the immediate work area and falling onto the ground surface during activities authorized by this Approval.

20. For non-powered hand tools, the District must use a HEPA vacuum to capture materials or dust that fall onto the liners or the ground surface during activities authorized by this Approval. When removed, liners must be HEPA vacuumed to remove any accumulation of materials or dust and handled in a manner that prevents the release of potentially contaminated media.

21. The District must comply with the conditions of this Approval. Noncompliance with any condition of this Approval constitutes a violation of the requirement in 40 CFR § 761.50(a) to store or dispose of PCB waste in accordance with 40 CFR Part 761, Subpart D. A violation of the PCB Regulations is a prohibited act under Section 15 of TSCA and may subject the District to civil or criminal enforcement action and associated penalties.

22. The EPA may require the District to collect and analyze any samples it determines to be necessary to verify compliance with TSCA and this Approval.

23. Bulk PCB remediation waste stored on site must be stored in accordance with 40 CFR § 761.65(c)(9) for no longer than 180 days from the date waste was first removed from service.

24. By September 15, 2024, signage must be posted and maintained at a prominent location at the Facility notifying site workers and visitors of the presence of PCBs and instructions for obtaining

more information.

25. The District must prepare and maintain all records and documents required by 40 CFR § 761.125(c)(5) and Subpart K, including, but not limited to, the notification of PCB waste activity, manifests, documentation of the work conducted under this Approval, and certificates of disposal. Records must be established and maintained by the District in one centralized location for a period of 5 years following the EPA's determination that all work subject to this Approval has been completed. All records must be made available for inspection to authorized representatives of the EPA.

26. If at any time the District possesses or is otherwise made aware of any new relevant information, including but not limited to spills or releases, or site conditions, that differs from the information presented in the application, the District must report such information to the EPA by phone or e-mail within 24 hours. The EPA may require the District to submit a written report and request modification of this Approval.

27. The District must ensure the transporters, storers or disposers of PCB waste are authorized to conduct the activities set forth in the work plans in accordance with all applicable federal, state, and local statutes and regulations.

28. The District must provide a copy of this Approval and any incorporated documents and requirements to all personnel conducting work under this Approval.

29. The District must ensure that its officers, employees, agents, contractors, and subcontractors comply with the requirements of this Approval.

30. The District must ensure that all field work conducted under this Approval is conducted in compliance with all applicable health and safety standards, as required by federal, state, and local regulations and ordinances. The District must make any plans developed to protect worker health and safety available to the EPA upon request.

31. The District must allow authorized representatives of the EPA to inspect areas of the Sky Valley Education Center at reasonable times and to take any samples that the EPA determines to be necessary to determine compliance with the federal PCB regulations and this Approval.

32. The District must request and receive approval from the EPA prior to deviating from this Approval.

Enclosure 3

BACKGROUND AND FINDINGS

Monroe School District on August 2, 2024

Sky Valley Education Center

This enclosure provides the basis for the EPA's decision to approve certain activities proposed in the *Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)* (Application), submitted by Monroe School District (the District) to the EPA on May 31, 2024.

Background

Caulking and sealants containing Polychlorinated biphenyls (PCB) are present around window units, door units, exterior penetrations, adjacent exterior columns, and in window in-fill systems at Sky Valley Education Center (SVEC). Previous laboratory analyses revealed PCB concentrations of up to 140,000 parts per million (ppm), thus exceeding applicable Toxic Substances Control Act (TSCA) cleanup levels.

Site History

In May 2016, the District submitted a Corrective Action Plan (CAP) to the U.S. Environmental Protection Agency (EPA). The CAP addressed the removal of PCB-impacted materials and waste management. The CAP underwent multiple amendments in June and July 2016, collectively referred to as the Notification.

During the summer of 2016, the District removed accessible caulking and sealants from affected surfaces at SVEC. Two layers of epoxy coating were then applied to encapsulate the remaining PCB-containing caulking and sealants, as well as any adjacent building materials potentially contaminated by PCBs. The District submitted compliance documentation in August and September, followed by a PCB Abatement Closeout Summary Report in December.

From September 2016 to August 2017, the District conducted air and wipe sampling. In April 2017, the EPA conducted a PCB inspection and collected wipe samples. The EPA reviewed all submitted documents and sampling results, which formed the basis for the September 15, 2017, Approval. The 2017 Approval remained in effect until May 25, 2022.

On October 24, 2019, the EPA conducted a compliance inspection of SVEC, during which two older light fixtures in the Admin Building's Storage/IT Closet were identified. Despite having new electronic ballasts, signs of spilled potting were evident. The fixtures—which were disposed of in November 2019—had three samples with 1.3 µg/wipe, 8.3 ppm, and 18 µg/wipe of Aroclor 1242. PCB samples from the Gym and CTE Buildings all contained less than 0.25 µg/wipe. Two unit ventilator filters from

the Pod/Library building showed total PCBs of 2.61 ppm and 4.46 ppm. The second light fixture sample from the Administration Building storage closet exceeded the decontamination standard of 10 µg/100 cm^2, and the used ventilator filter samples exceeded 1 ppm.

On September 26 and 27, 2022, the EPA conducted a compliance inspection of SVEC. During the inspection, the EPA collected wipe samples from epoxy-coated areas both inside and outside the buildings, along with bulk samples and other samples from inside the buildings. Of the six exterior samples collected, PCBs were detected in four, with two exceeding the decontamination standard of 10 µg/100 cm^2. The 2022 testing by the EPA identified PCBs in exterior caulking outside Rooms 7 and 11 above risk-based levels. Samples collected from two unit ventilator filters and one area of carpet were also found with PCBs above risk-based levels.

Request for Limited Approval

Currently, some areas of the epoxy coating have degraded, and inaccessible caulk remains on interior surfaces behind unit ventilators in some classrooms and around cement board panels in window in-fill systems. The District's *Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)* (Application) is seeking approval from the EPA to identify and reapply epoxy in areas where it has worn or deteriorated to ensure the effective encapsulation of caulking and sealants that contain PCBs and to address the ongoing unreasonable risk present at the school, as determined by EPA's September 26 and 27, 2022 inspection. After the reapplication is complete, the District will conduct wipe sampling to document the effectiveness of the new epoxy coating.

The District's application also proposes to remove building systems with inaccessible caulking and sealant containing PCBs, followed by verification sampling. However, the EPA's risk determination for this Approval is limited to the inspection, repair, and wipe sampling of epoxy-encapsulated PCB building materials, along with indoor air sampling in each room that contains a location where deteriorated epoxy was repaired or replaced.

Endangered Species Act Determination

Section 7(a)(2) of the Endangered Species Act (ESA), 16 U.S.C. § 1536(a)(2), requires all Federal agencies, in consultation with the United States Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS), to ensure that any action they carry out, fund, or authorize (such as through a permit) is not likely to jeopardize the continued existence of a listed species or result in the destruction or adverse modification of designated critical habitat. Under the ESA, management of listed species is divided between the USFWS for terrestrial and freshwater species and the NMFS for marine and anadromous species.

The EPA considers the issuance of the Sky Valley Education Center Approval as an "action" subject to the ESA. To address this requirement, EPA Region 10 staff conducted a search for threatened and endangered species for the area surrounding the Sky Valley Education Center using web-based tools provided by the USFWS and the NMFS. Based on the results of these searches, the EPA determined

that there are six threatened or proposed threatened species, but no critical habitat present for these five species at or near the Sky Valley Education Center. However, the EPA determined that issuance of the Sky Valley Education Center Approval "will not affect" any listed species or designated critical habitat. Accordingly, consultation with the USFWS and the NMFS is not required.

The EPA's ESA determination and assessment of data is derived from the USFWS web-based tool located at https://ipac.ecosphere.fws.gov/ and from the NMFS web-based tool located at https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=68d8df16b39c48fe9f60640692d0e318.

Risk Determination

When properly monitored and maintained, epoxy encapsulant can provide an effective temporary interim measure to protect receptors from PCB exposure until further activities can be taken to permanently address PCB contamination. The EPA has determined that the procedures outlined in the Application and this Approval, which include the inspection, repair, and wipe sampling of epoxy-encapsulated PCB building materials, along with indoor air sampling in each room that contains a location where epoxy was repaired or replaced, will not present an unreasonable risk to human health or the environment.

Enclosure 4

APPROVED PROCEDURES

Issued to Monroe School District on August 2, 2024

Sky Valley Education Center

The following approved procedures are adapted from Appendix H of Monroe School District's *Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR § 761.61(c)* (Application) submitted on May 31, 2024. The District must seek advanced approval for any deviations from the approved procedures.

1. Interior and Exterior Epoxy Repair or Replacement

If deterioration or damage is detected on the interior or exterior epoxy sealants, the epoxy layer must be repaired or replaced within 14 days. The epoxy sealant consists of two layers: an outer layer (tan or gray) and a base layer (red). Typically, repairs will affect only the outer tan or gray layer, while replacement will necessitate the removal of both the outer and base layers of epoxy sealant, abrasion of the underlying surfaces, and application of two new layers of epoxy sealant.

Only a specialty contractor with experience in handling PCBs and PCB wastes will carry out repairs or replacements that affect the epoxy sealants. The goal of the work is to restore the integrity and protectiveness of the covering epoxy layer. Epoxy sealant has been applied around door frames, window frames and panels, column joints, expansion joints, mechanical systems, plumbing systems, and various other penetrations and junctions.

A specialty contractor with experience in handling PCBs and PCB wastes will complete the removal, surface preparation, and reapplication of Sikagard 62 according to the manufacturer's specifications. The reapplication process requires the removal of all deteriorated or damaged existing epoxy. Where Sikagard 62 remains, the surface must be mechanically or chemically abraded so that the new Sikagard 62 epoxy can bond to the existing material. If a chemical method is chosen, all chemical residues must be removed. All dust and debris must be cleared before applying the new epoxy.

The new epoxy sealant layer will be applied in a gray color, as the previously used tan color is no longer available. The manufacturer's instructions for surface preparation, mixing, and application must be followed. The new epoxy sealant will extend an additional one (1) inch in all directions beyond the area of the underlying epoxy layers.

Photographs and a written description of the deterioration or damage at each location, including the extent (size), will be captured before surface preparation begins, after preparation is completed, and after the epoxy has cured. These will be provided to the EPA PCB Coordinator as part of the project record. A report of the completed repairs will be submitted to the District's Director of Facilities and the Superintendent. The District will compile the repair reports and provide a summary of the

completed repairs to the EPA PCB Coordinator within 14 days after the work is completed. Post-work clearance wipe and air sampling will be conducted in accordance with approved procedures.

2. <u>Interior and Exterior Area Setup, Equipment, etc.</u>

All interior and exterior epoxy sealant repair or replacement will include the following steps for setting up the work area:

For both interior and exterior areas:

- The work will be carried out by a specialty contractor with experience and training in handling PCBs and PCB waste.
- At a minimum, those entering the work area must be equipped with a full-face elastomeric respirator or a half-face elastomeric respirator with safety glasses and goggles, a disposable Tyvek-type respirator with hood and boot coverings, and appropriate work gloves. They must also have level D personal protective equipment beneath the disposable coverings.
- Washing facilities with hot water and soap/cleanser capable of removing oily compounds without harming human skin must be provided. A shower must be available when dust is generated during removal activities. All wash waters must be captured for characterization and disposal/treatment.
- The work area must be marked as a construction and remediation area, and access by others must be prohibited.
- All vacuums must be commercial and abatement grade, equipped with activated charcoal pre-filters and HEPA primary filters. All activated charcoal pre-filters and all HEPA primary filters must be disposed of as PCB Remediation Waste at the end of the project.
- Any power tools used during the work must have a dust capture shroud connected to a HEPA vacuum.
- All waste must be double bagged and labeled per 40 CFR 761.61, 40 CFR 761.62 and/or 40 CFR 761.65 before being removed from the work area and properly disposed of.
- All waste packaging and transport must comply with Department of Transportation (DOT) and interstate DOT regulations for waste transport. Temporary PCB project waste storage will be kept at the site for removal by the transporter during the project or will be temporarily stored by the District in accordance with 40 CFR 761.65.
- Tools and equipment contaminated by the work must be decontaminated with an organic solvent, such as xylene, and clean cloth rags, or disposed of as PCB Remediation Waste. Decontamination materials must be containerized for disposal.
- Small volumes of PCB project waste may be stored at the District's Transportation Center (1401 West Main Street, Monroe, Washington), in the secured and signed storage area designated for this purpose in accordance with 40 CFR 761.65.
- A waste profile will be prepared for each waste stream generated during the work and submitted to the proposed disposal facility for approval.

For interior areas:

- All HVAC units must be turned off and all air intakes and exhausts must be sealed. Unit ventilators must be protected with at least two independently sealed layers of polyethylene sheeting.
- All work will take place within a Negative Pressure Enclosure (NPE) using at least two layers of 6-mil fire retardant polyethylene sheeting on the walls, floor, ceilings, etc.
- Only air filtration devices (AFD) with HEPA primary filters and activated carbon pre-filters should be used. The airflow from all AFDs must be directed to the exterior of the building.
- The NPE must maintain a -0.02 column inches of water pressure differential, relative to outside pressure, as evidenced by a real-time paper chart or digitally recorded and downloadable data file of the manometric measurements. An OmniGuard Differential Pressure Recorder, or a similar unit, with an audible alarm, must be used.
- The NPE must be inspected for breaches and smoke-tested for leaks before the commencement of epoxy removal, and at the beginning of each shift.
- The NPE must consist of a two-stage airlock, including a decontamination chamber and clean room, and a separate waste loadout chamber/pathway.
- The decontamination chamber must consist of an additional layer(s) of PCB-resistant sheeting (drop cloth) with absorbent material and other necessary equipment.
- The entry and exit from a work area must be to the exterior of the building. If no exterior access is readily available, the floor of the pathway to the exit must be protected by at least two layers of 6-mil fire retardant polyethylene sheeting.

For exterior areas:

- All windows and doors within 20 feet of the work area must be secured and protected with at least two layers of 6-mil fire retardant polyethylene sheeting.
- Interior doors leading to classrooms or other spaces where fire egress through an exterior door would be prevented by the work, must be locked and signed for non-use during the project.
- If a window is broken during the work, the interior work area must be deemed contaminated and testing and remediation must be completed.
- The work area must consist of at least two layers of 6-mil fire retardant polyethylene sheeting on the concrete or asphalt ground surface, landscaping/vegetation, adjacent building surfaces, or other ground surface.
- The ground covering must extend to the setback barrier.
- A 10-foot work area setback barrier, consisting of rope with signs or barrier tape, must be erected around the perimeter of the work.

3. Interior and Exterior Epoxy Removal

If a project involving the removal and replacement of interior or exterior epoxy is identified, the District will compile a project summary. This summary will include the area(s) involved, the materials used, the timeframe for the work, and representative photographs. The summary will then be provided to the EPA PCB Coordinator. Formal approval of the plan is not required.

For both interior and exterior areas:

- Cured epoxy has a shiny finish that does not allow new epoxy to adhere or bond to it. Therefore, the cured surface needs to be abraded to create a new bonding surface.
- Surface abrasion will be carried out using an orbital sander or a similar system equipped with a shroud attached to a HEPA vacuum and an 80-grit sanding pad or paper. After the abrasion process, the existing epoxy will be cleaned with either acetone or xylene solvent to remove any loose abrasive media and epoxy. methyl ethyl ketone (MEK) will not be used inside the building.

For interior areas:

- All removal of interior epoxy or preparation for new epoxy coating(s) will take place in a Negative Pressure Enclosure (NPE). If the work area is small, a mini-NPE or a glove-bag NPE can be used, subject to the review of a Certified Industrial Hygienist.
- In the event of an NPE failure during the work, the entire classroom or space where the NPE was located will be treated as a contaminated area. Wipe and air samples will be collected under the supervision and direction of the project's Certified Industrial Hygienist.

4. New Interior and Exterior Epoxy Application

The new epoxy sealant layer will be applied in a gray color, replacing the tan color of the outer layer and maintaining the red color of the base epoxy layer. The new epoxy sealant will extend an additional one (1) inch in all directions beyond the area of the underlying epoxy layers.

The new epoxy coatings will be applied as specified by the manufacturer by a specialty contractor. The underlying surface must be clean and structurally sound. It can be dry or damp, but it must be free of standing water. Dust, laitance, grease, curing compounds, impregnations, waxes, and any other contaminants must be removed from the surface. Refer to the Sikagard 62 product data sheet, component "A" and "B" safety data sheets, and coating specification for more information. The Sikagard 62 product documents provide the following instructions for new epoxy application:

- The epoxy has a shelf life of 2 years when stored dry in original, unopened containers at temperatures between 40°F (4°C) and 95°F (35°C).
- Before use, condition the epoxy to a temperature between 65°F (18°C) and 75°F (24°C).
- Each component should be pre-mixed before mixing the components together.
- Equal parts by volume of Components 'A' and 'B' should be proportioned into a clean mixing container.
- Components 'A' and 'B' should be mixed at a 1 to 1 ratio by volume.
- Use a low-speed (400-600 rpm) drill with a Sika paddle to mix for 3 minutes, until the mixture is uniform in color.
- Apply the coating using a high-quality roller, brush, or spray.
- Two coats are required.
- The second coat should be applied as soon as the first coat is tack-free and the application traffic will not damage the first coat.

- The second coat must be applied within 48 hours of the first coat. A longer delay will require additional surface preparation.
- Allow the applied epoxy to cure for a minimum of 3 days.

5. Indoor Testing Following Epoxy Application

Testing will be conducted after the application and curing of the new epoxy and before the removal of the NPE. The number of wipe and air samples collected will depend on the size of the NPE and the extent of the work.

- Wipe samples will be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations. Additionally, at least two samples will be collected for every 250 square feet of interior NPE, with a minimum of one sample and a maximum of five samples in a work area.
- One wipe sample will be collected from the floor surface at the exit from the NPE to determine if there has been any track-out of PCB-contaminated dust. An additional sample will be collected from any separate exit or waste loadout from the NPE.
- A minimum of two air samples will be collected inside each NPE after completion of the work and before the removal of the NPE. If the NPE is larger than 500 square feet, an additional sample will be collected for every 500 square feet of area.
- The interior clearance criteria require that all wipes be less than 10 µg/100 cm^2 and all air samples be at or below 100 ng/m^3. All analyses will be conducted using the approved laboratory method(s).
- The work area should only be removed after all wipe samples have been received and found to be below the clearance criteria.

6. Exterior Testing Following Epoxy Application

Once the new epoxy coating has been applied and the necessary curing time has elapsed, wipe samples will be collected from the newly coated materials and from the concrete or asphalt surface beneath the poly sheeting.

- Wipe samples will be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations. At least one wipe sample must be taken in each repair or removal area.
- After the polyethylene sheeting on the ground surface has been removed, one wipe sample will be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface.

The exterior clearance criteria require that all wipes, on both the epoxy and ground surfaces, be less than 10 µg/100 cm^2. All analyses will be conducted using the approved laboratory method(s).
The work area will only be removed after all wipe samples have been received and found to be below the clearance criteria.

7. Wipe Sampling of Non-Porous Surfaces

Wipe sample collection and analysis will be carried out in accordance with the project's QAPP. All project wipe samples will be collected, prepared, and analyzed using the following methods:

- ASTM D6661-01 2010 - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling
- 40 CFR 761.123 - Standard Wipe Test
- 40 CFR 761.130 - Sampling Requirements
- EPA Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography, Revision 1, February 2007.

Wipe sampling may be necessary at times not associated with routine semi-annual wipe sampling, such as following activities that impact epoxy coating or PCB caulk.

All wipe samples will be collected as outlined in 40 CFR 761.130 – Sampling Requirements, using single-use wipes to sample a 100 cm^2 area. A non-porous surface is defined as PCB-contaminated if it has a PCB concentration greater than 10 $\mu g/100\ cm^2$.

If a wipe sample from an interior space is found to exceed the PCB contamination level, the HVAC system(s) for that room or area will be turned off. The room or area will be closed and the doorway(s) sealed in accordance with the remediation work area guidelines. The room/area will remain closed until the cleanup and remediation are completed and all clearance criteria are met.

Cleanup and remediation will entail repairing any identified damaged epoxy and cleaning the surface of the epoxy sealant in all areas of the room. After repair and cleaning, samples will be collected to confirm completion of the remediation.

If a wipe sample from an exterior area is found to exceed the PCB contamination level, the District must carry out repair or replacement within 14 days following the approved procedures.

From:	Feldhahn, Brett
To:	Ryan Mathews
Cc:	Denney, Adam; Matthew Stock; woodwards@monroe.wednet.edu; Rebersak, Shannon (she/her/hers); Ogle, Kimberly (she/her/hers); Lippert, Kris; Feldhahn, Brett
Subject:	RE: SVEC - Request for Approval of an Additional Project Laboratory
Date:	Monday, August 26, 2024 3:26:09 PM
Attachments:	image001.png

Hi Ryan,

Monroe School District's request is to use Eurofins' Seattle laboratory for analysis of wipe samples associated with the Summer 2024 work and for analysis of wipe samples associated with the annual wipe testing requirements is hereby approved.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

From: Ryan Mathews <ryan.mathews@efulcrum.net>
Sent: Monday, August 26, 2024 7:53 AM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>; woodwards@monroe.wednet.edu; Rebersak, Shannon (she/her/hers) <rebersak.shannon@epa.gov>; Ogle, Kimberly (she/her/hers) <Ogle.Kimberly@epa.gov>; Lippert, Kris <Lippert.Kristin@epa.gov>
Subject: SVEC - Request for Approval of an Additional Project Laboratory

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Brett,

Eurofins Buffalo was selected as the project laboratory for analysis of wipe samples by SW846 EPA 8082A at SVEC. Wipe sample collected prior to today have been sent to Eurofins Buffalo for analysis.

We've been advised by our Eurofins project manager that Eurofins Buffalo is unable to accept future samples on the requested turnaround time of 2 working days. Eurofins has identified their Seattle region location (5755 8th St E, Tacoma, WA) as having sufficient capacity to complete the analysis on the requested turnaround time. Fulcrum has reviewed the Eurofins Seattle SOP and the method detection limits for the SW846 EPA 8082A analysis and finds that they provide performance that meets the project requirements. A copy of the Seattle SOP and MDLs is attached. Fulcrum also confirmed that Eurofins Seattle is a Washington State Department of Ecology accredited laboratory for the performance of EPA Method 8082A (page 10 and 11 of the attached PDF for solid and chemical materials).

The Monroe School District requests EPA's approval to utilize Eurofins' Seattle laboratory for analysis of wipe samples associated with the Summer 2024 work and for analysis of wipe samples associated with the annual wipe testing requirements as provided in the EPA's August 2, 2024 *Limited Approval of Polychlorinated Biphenyl*

Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c).

Thank you,

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net



Did we hit the target ?

We'd appreciate your feedback in just 2 minutes - Fulcrum Feedback Survey

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From:	Ryan Mathews
To:	Feldhahn, Brett; Lippert, Kris
Cc:	Denney, Adam; woodwards@monroe.wednet.edu; Rebersak, Shannon (she/her/hers); Katherine.Matthews@usdoj.gov; Matthew Stock; Allyson C. Bazan
Subject:	SVEC PCB Summer 2024 Work - Interior Annex NPE Air Results
Date:	Thursday, September 5, 2024 2:14:26 PM
Attachments:	Fulcrum-SVEC Interior NPE Annex 2nd Air Sample Results.pdf

---

Brett & Kris,

Last week, the District's contractor completed re-cleaning of negative pressure enclosure (NPE) work areas in Annex E East, Annex E West, and Annex F which were previously identified with indoor air concentrations of PCBs exceeding the clearance criteria.

We've completed a second run of air sampling in these NPE. The air sample results remain above the clearance criteria in Annex E East and Annex E West. Please see the attached memorandum for the sampling results.

We have found no indication of failure of the NPEs and they remain intact and secured. Next steps (e.g. deeper cleaning and retesting) of the NPE will occur following the additional evaluation outlined below.
Out of an abundance of caution, the district is planning to not utilize the Annex building for the start of the school year.

The district is also planning to complete air sampling for PCBs in all of the primary rooms in the Annex building. We've ordered sample media such that this can be completed early next week with results, potentially in hand by end of next week. As with all project samples, these will be analyzed by Eurofins Burlington.

We expect that that the sample results from the building will help us determine whether or not the elevated PCB concentrations are limited just to the NPEs or if there is something more going on.
As this type of event is not addressed in the limited RBDA, we would appreciate the opportunity to discuss this issue with the EPA as soon as possible.

Thank you,

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From:	Feldhahn, Brett
To:	Ryan Mathews
Cc:	Denney, Adam; Matthew Stock; Rebersak, Shannon (she/her/hers); Feldhahn, Brett; Ogle, Kimberly (she/her/hers); Lippert, Kris
Subject:	RE: SVEC technical call
Date:	Tuesday, August 6, 2024 5:12:41 PM

Ryan,

If the test applications are successful, GacoFlex E5320 may be used in non-porous areas where epoxy adhesion is poor. Please document the areas where GacoFlex E5320 is used and include this information in the report required by Condition 12 of the August 2024 Approval.

This email serves as EPA approval for the proposed deviation from the August 2024 Approval in accordance with Condition 32 of that Approval.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

From: Ryan Mathews <ryan.mathews@efulcrum.net>
Sent: Tuesday, August 6, 2024 5:17 AM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: Re: SVEC technical call

> **Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Brett,

We met with Walker Specialty yesterday on a final walkthrough before starting the repair work. One of the substrates with poor adhesion of the current epoxy is the aluminum and smooth steel surfaces. Walker has recommended use of Gaco E530 (https://gaco.com/product/gacoflex-e5320/). They report that it is very effective primer, adding no thickness but creating a very strong bond. Walker also recommends this in lieu of mechanical abrasion.

If we complete some test areas, would use of Gaco E5320 be acceptable for use rather than mechanical abrasion where needed?

Thank you,

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting
c: 509.728.2424

Sent from my iPhone

On Jul 24, 2024, at 9:49 AM, Ryan Mathews <ryan.mathews@efulcrum.net> wrote:

Brett,

I'll speak with Adam and Walker Specialty and get back ASAP.

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Wednesday, July 24, 2024 9:38 AM
To: Ryan Mathews <ryan.mathews@efulcrum.net>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

Hi Ryan,

We hope to issue the approval next week. Assuming we do, please let me know how soon the District could complete the following tasks:

1. Epoxy inspection;
2. Epoxy removal/repair; and
3. Verification wipe sampling/air sampling.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator

U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

From: Ryan Mathews <ryan.mathews@efulcrum.net>
Sent: Tuesday, July 23, 2024 4:59 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

> **Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Brett,

Thank you for speaking with Adam and myself last week.

Do you have an idea of when we might expect your response on the limited RBDA request?

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Friday, July 12, 2024 8:17 AM
To: Ryan Mathews <rmathews@efulcrum.net>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

Ryan,

I'd like to stick to the Monday meeting if that works for everyone.

Have a good weekend.

Thank you,
Brett

From: Ryan Mathews <rmathews@efulcrum.net>

Sent: Thursday, July 11, 2024 5:09 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

> **Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Brett,

I received an update from Adam and he is able to meet on Friday if your schedule still allows.

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From: Ryan Mathews
Sent: Thursday, July 11, 2024 2:01 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

Thanks Brett. I was able to confirm that Monday at 1 pm will work for Adam.

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Thursday, July 11, 2024 1:24 PM
To: Ryan Mathews <rmathews@efulcrum.net>

Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

Hi Ryan,

I've rescheduled for Monday at 13:00. Feel free to propose another time if that doesn't end up working for Adam.

Thank you,
Brett

From: Ryan Mathews <rmathews@efulcrum.net>
Sent: Thursday, July 11, 2024 1:11 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Denney, Adam <denneya@monroe.wednet.edu>; Matthew Stock <matthew.stock@hcmp.com>
Subject: RE: SVEC technical call

> **Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Brett,

Thank you for the email.

Victor has retired from the District and the PCB management responsibilities are Adam Denney's responsibility. I have invited Adam to attend tomorrow, but he is out of town on vacation until next week, and he has not yet let me know if he can attend.

If your schedule permits, can we reschedule our technical call to early next week (potentially Monday)?

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Thursday, July 11, 2024 1:01 PM
To: Ryan Mathews <rmathews@efulcrum.net>
Cc: Feldhahn, Brett <Feldhahn.Brett@epa.gov>; Matthew Stock <matthew.stock@hcmp.com>; Scarpelli, Victor <scarpelliv@monroe.wednet.edu>
Subject: RE: SVEC technical call

Hi Ryan,

Considering the EPA's standard practices and the ongoing enforcement action at SVEC, we will need to include representatives from the Monroe School District in our future communications, including the meeting scheduled for tomorrow. If the current meeting time doesn't work for others, feel free to suggest another date or time. I can provide an outline of the topics I plan to discuss, which might eliminate the need for a meeting.

Briefly, I understand the time constraints for conducting this work, so I'm trying to expedite the review of the RBDA application and supporting documentation. I aim to issue an approval as soon as possible that is more limited in scope than what the application proposes. My focus is on approving tasks in Section 10 of the application that pertain to the inspection, repair, and monitoring of epoxy. Note that PCB characterization does not require EPA approval, and I do not plan to address it in the forthcoming approval. Therefore, you have the option to begin PCB characterization at your convenience, or you can wait until the EPA can offer technical assistance on your characterization plan.

Please let me know whether you'd like to proceed with the meeting tomorrow or if you prefer to reschedule or cancel it.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

-----Original Appointment-----
From: Feldhahn, Brett
Sent: Wednesday, July 10, 2024 3:13 PM
To: Feldhahn, Brett; Ryan Mathews
Subject: SVEC technical call
When: Friday, July 12, 2024 11:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Microsoft Teams Meeting

Scheduling time to discuss SVEC RBDA application.

Microsoft Teams Need help?

Join the meeting now

Meeting ID: 275 582 608 674
Passcode: Tp6n4w

Dial in by phone

+1 206-800-4483,,842682890# United States, Seattle

Find a local number

Phone conference ID: 842 682 890#

Join on a video conferencing device

Tenant key: sip:teams@video.epa.gov

Video ID: 117 855 640 1

More info

For organizers: Meeting options | Reset dial-in PIN

This meeting may be recorded. If the meeting is recorded, it will be announced via a banner showing "this meeting is being recorded." Participation in a recorded meeting will be deemed as consent to be recorded. Meeting recordings may be official agency records subject to appropriate policy, rules and regulations.

From: Ryan Mathews <rmathews@efulcrum.net>
Sent: Wednesday, July 10, 2024 3:08 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Subject: FW: SVEC technical call

> **Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Brett,

Please let me know when you are available to discuss next steps at Sky Valley. As noted in my voicemail this afternoon, we are quickly running out of summer availability in the campus and we'd like to have clarity on what we can accomplish in the next few weeks.

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

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From: Ryan Mathews
Sent: Tuesday, July 2, 2024 2:04 PM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Subject: RE: SVEC technical call

Brett,

Thank you for your email. When you have a few minutes I'd like to have short call to discuss 1) your initial thoughts on feedback to the limited RBDA (most specifically if you anticipate comments that would require the limited RBDA to be revised and resubmitted), 2) general discussion on recharcaterization strategies that we would propose, and 3) outline of the District's summer work schedule and proposed work tasks.

Thank you,

Ryan

Ryan K. Mathews, CIH, CHMM
Principal | Fulcrum Environmental Consulting, Inc.
509.574.0839 | rmathews@efulcrum.net

<image001.png> Did we hit the target ?
We'd appreciate your feedback in just 2 minutes - Fulcrum Feedback Survey

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From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Monday, July 1, 2024 10:06 AM
To: Ryan Mathews <rmathews@efulcrum.net>
Cc: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Subject: SVEC technical call

Hi Ryan,

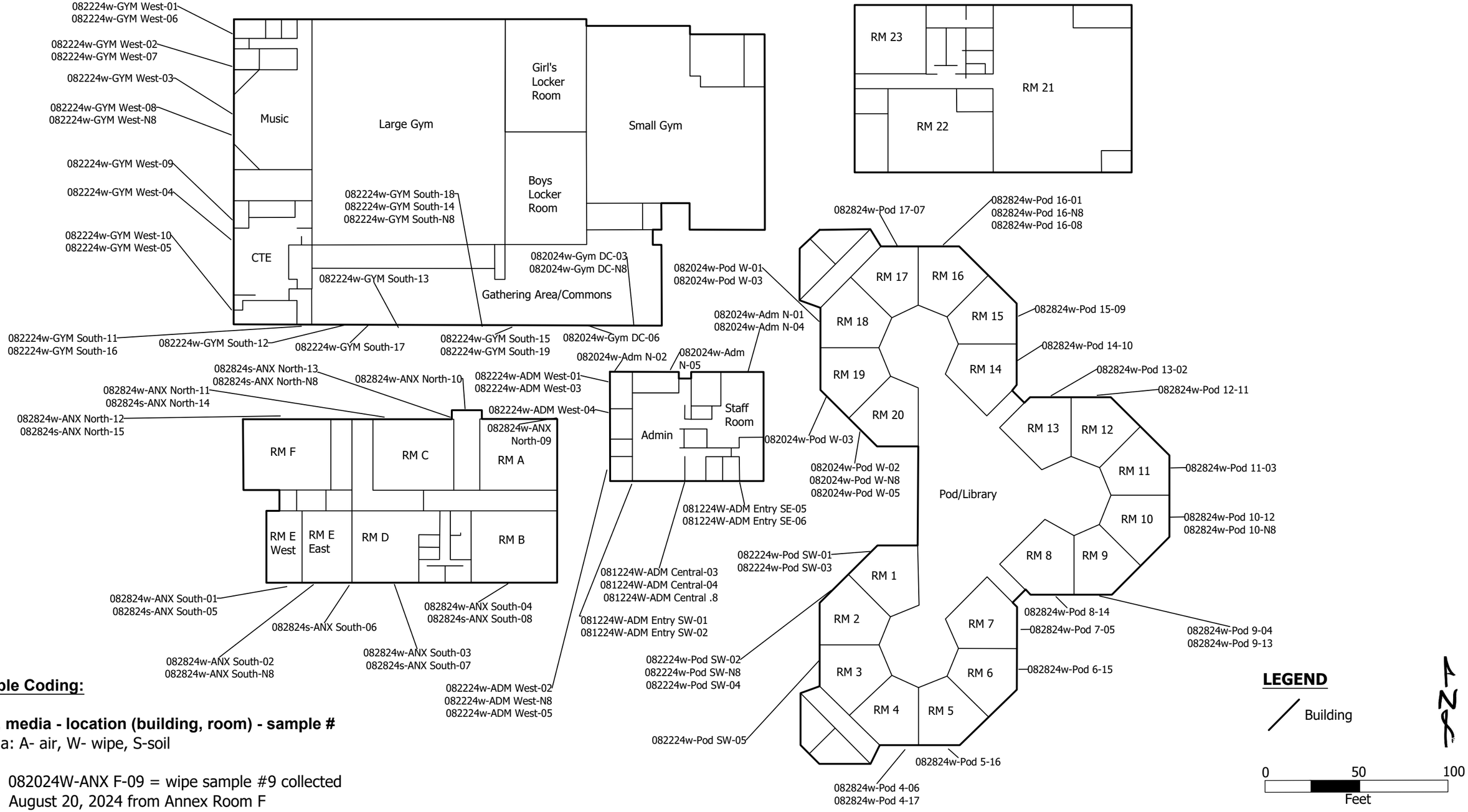
I received your voicemail and will reach out shortly to schedule an introduction/technical call. I'm taking over SVEC project management responsibilities from Michelle Mullin and am attempting to get up to speed quickly so we can expedite the RBDA.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

Appendix B

Figures



Sample Coding:

Date, media - location (building, room) - sample #
Media: A- air, W- wipe, S-soil

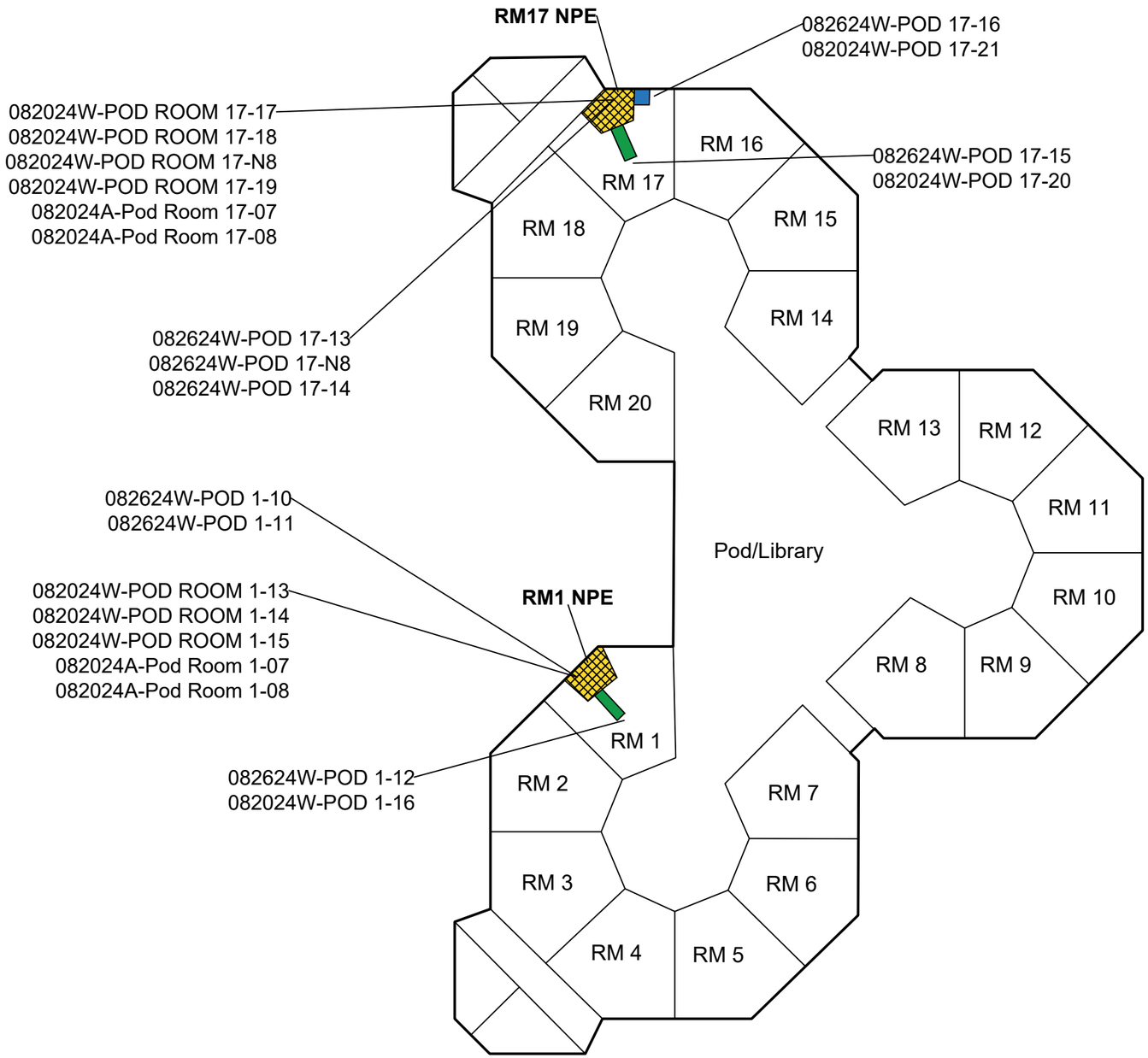
ex. 082024W-ANX F-09 = wipe sample #9 collected August 20, 2024 from Annex Room F

Fulcrum Environmental Consulting, Inc.
406 North Second Street, Yakima, Washington 98901
efulcrum.net. p: 509.574.0839 f: 509.575.8453
Summer 2024 Work Summary. 244064.01. 9.13.24 TM.

Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington

SVEC Campus
Exterior Sample Locations

FIGURE
1



Sample Coding:

Date, media - location (building, room) - sample #
Media: A- air, W- wipe, S-soil

ex. 082024W-ANX F-09 = wipe sample #9 collected August 20, 2024 from Annex Room F

LEGEND

- Building
- Waste loadout
- Negative Pressure Enclosure (NPE)
- Decontamination Corridor

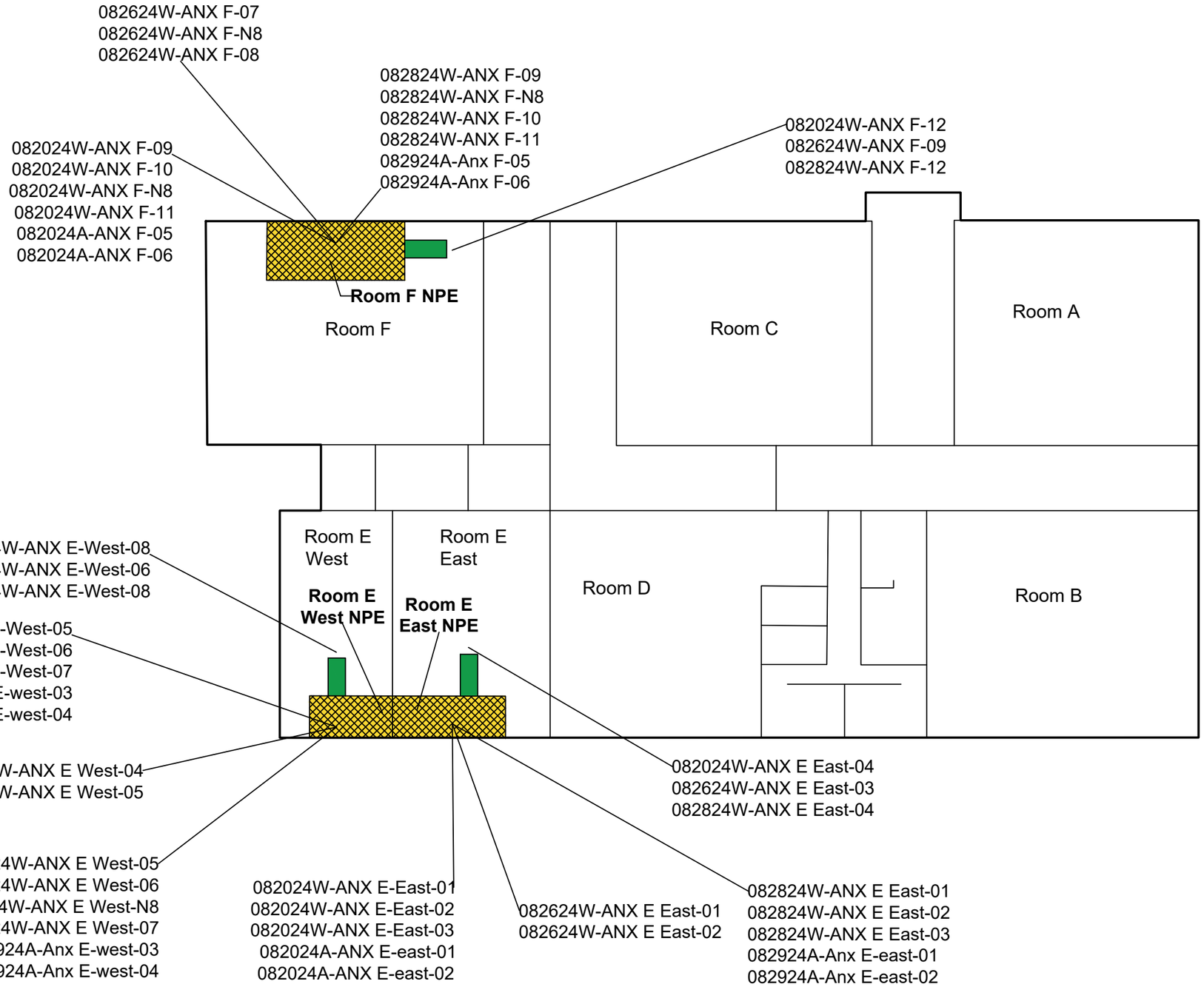
0 30 60
Feet

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Summer 2024 Work Summary. 244064.01. 9.13.24 TM.

Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington

POD/Library Building
Interior Sample Locations

FIGURE
2



Sample Coding:

Date, media - location (building, room) - sample #
Media: A- air, W- wipe, S-soil

ex. 082024W-ANX F-09 = wipe sample #9 collected August 20, 2024 from Annex Room F

LEGEND

- Building
- Negative Pressure Enclosure (NPE)
- Decontamination Corridor

N

0 20 40
Feet

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efulcrum.net. p: 509.574.0839 f: 509.575.8453
Summer 2024 Work Summary. 244064.01. 9.13.24 TM.

Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington

Annex Building
Interior Sample Locations

FIGURE
3

Appendix C

3rd Quarter 2024
Visual Inspection Memorandum

FULCRUM environmental consulting

Memorandum

Date	September 13, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**3rd Quarter 2024 Visual Inspection** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
Findings	**Exterior and Interior Areas of Existing Epoxy Identified with Wear and Proposed for Summer 2024 Recoating**

On August 5, 2024, Ryan Mathews and Tarell Manjarrez, both with Fulcrum Environmental Consulting, Inc. (Fulcrum), completed a visual inspection of the epoxy coating encapsulating polychlorinated biphenyl (PCB) caulk at the Sky Valley Education Center (SVEC) located at 351 Short Columbia Street in Monroe, Washington.

On May 31, 2024, Fulcrum issued a Request for Limited Risk-Based Cleanup and Disposal Approval Under 40 CFR 761.61(c) (Application). On August 2, 2024, the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

The Limited RBDA Approval required that a visual inspection be completed by August 15, 2024.

In 2016, accessible PCB containing caulk was removed. In all areas of removal, remaining PCB containing caulk and the adjacent building materials were encapsulated by two layers of epoxy. The base layer is red epoxy, and the covering epoxy layer is tan. The purpose of the visual inspection is to note any physical changes to the tan covering layer, exposed areas of red base epoxy, or any areas where PCB containing dust may be released.

The inspection was completed following the procedures specified for Standard Practice 4: *Semi-Annual Inspection and Monitoring Activities* in the Application. The limited RBDA Approval requires that inspection is be completed quarterly. The visual inspection work was completed prior to completion of Summer 2024 epoxy recoating authorized by the EPA in the limited RBDA approval.

Fulcrum completed a visual inspection of all epoxy coating locations to identify areas of damage to the tan covering layer greater than 20% in any one interior room or area or 20% on any one exterior building face.

Exterior Epoxy Visual Inspection

Fulcrum observed areas of damage or wear to tan epoxy coatings in the Admin, Annex, POD/Library, and Gymnasium buildings. The observed condition generally did not appear to be the result of physical damage,

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

such as landscaping sprinklers, abrasion, impact, or other source. Rather the observed condition appeared to be a result of substrate adhesion/substrate preparation, rapid curing of the epoxy, thin application of the tan covering layer, or poor adhesion between the red base layer and tan coating layer. The most common observation was cracking in the tan covering layer finish. In areas of cracking, the red base layer is visible. Few of these crack locations were located above the apparent location of the PCB caulk or sealant.

Worn epoxy coatings were observed in the following locations:

- Admin: Wear and cracking of the tan layer – Exterior windows and columns located on the north, south, and west sides of the building. Approximately 5% of epoxy area; not all windows show equal wear.
- Annex: Wear and cracking of the tan layer – Exterior windows located on the north and south sides of the building. Approximately 5% of the epoxy area.
- POD/Library: Wear and cracking of the tan layer – Exterior ventilator frames around the building. Approximately 40% of the epoxy area.
- Gymnasium: Wear and cracking of tan layer – Exterior windows and columns on the west and south sides of the building. Approximately 5% of the epoxy area.

Typical dust accumulation was observed around exterior areas of epoxy.

No damage to the red base layer was observed and all other areas of epoxy coatings were observed to be intact and in good condition at the time of the inspection. See Attachment A for representative photographs and Attachment B for field notes.

Interior Epoxy Visual Inspection

Fulcrum observed areas of damage or wear to tan epoxy coatings in the Annex, POD/Library, and Gymnasium. The observed conditions generally appeared to be the result of physical damage, such as opening windows, physical damage, or other sources. The observed condition also appeared to be a result of substrate adhesion/substrate preparation, rapid curing of the epoxy, thin application of the tan covering layer, or poor adhesion between the red base layer and tan coating layer. The most common observation was chipping of the tan covering layer finish.

Wear to epoxy coatings were observed in the following locations:

- 5% or greater: Tan layer in the Annex Room E West, Annex Room E East, Annex Room F, POD/Library classroom 1 and POD/Library classroom 17.
- Localized and < 5%: Annex Room F Prep Room; POD/Library classrooms 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 16, 18, and 19; and Gymnasium building, small gypsum and gathering place.
- No interior areas were found with wear or damage in the Admin building.
- There are no epoxy coatings in the CTE/Technology building.

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

No damage to the red base layer was observed and all other areas of epoxy coatings were observed to be intact and in good condition at the time of the inspection. See Attachment A for representative photographs and Attachment B for field notes.

Interior locations were found with limited damage with the highest damage found on Annex E East, Annex E West, Annex F, POD classroom 1, and POD classroom 17.

Conclusions

The visual inspection of the exterior epoxy coatings found that application at SVEC has resulted in a streaky and discolored finish. Interior epoxy coatings were generally found to have a glossy finish.

The visual inspection concluded that recoating the areas with steaky and discolored finish would restore the effectiveness and aesthetics of the coatings on exterior features.

Interior locations were found with limited damage with the highest damage found on Annex E East, Annex E West, Annex F, POD classroom 1, and POD classroom 17.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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



Select areas of chipping were observed on the exterior of the Admin building windows.



Wear and discoloration were observed on exterior epoxy of the Admin building.



Select areas of chipping were observed on the columns of the Admin building.



Select areas of damage were small in size on the exterior of the Admin building.



Epoxy coating on the interior of the Admin building is located at on the window sills.



The epoxy coating extends onto the aluminum window frames.



The epoxy on the interior of the Admin was found to be in good condition.



Minor cracking in the epoxy coating was located at seams in the underlying materials.



Epoxy coatings on the interior of the Annex are located around window frames on interior window sills.



Epoxy coating is located around the column connectors in the Annex building.



Epoxy coating extends overtop of wire molding and other features in the Annex building.



Peeling was observed from the underlying aluminum window frames in the Annex building.



Interior epoxy on the aluminum window in Annex Room E was chipped.



Select interior areas of Annex Room F were chipped. The chipping did not extend to the apparent location of the caulking.



Peeling was observed on the exterior north side of the Annex.



Delamination of the epoxy from the underlying wood eave was observed on the exterior of the south side of the Annex.



Epoxy on the Pod/Library building is applied along the perimeter of the lower window infill units.



Select areas of cracking were observed on the exterior of the Pod/Library.



Chipping was observed surrounding the interior ventilator units in the Pod/Library.



Cracking in the epoxy was noted at transitions in the underlying substrate.



Epoxy coatings in the POD/Library building are applied on and around window systems with unit ventilators.



Minor delamination of epoxy was observed at operable windows.



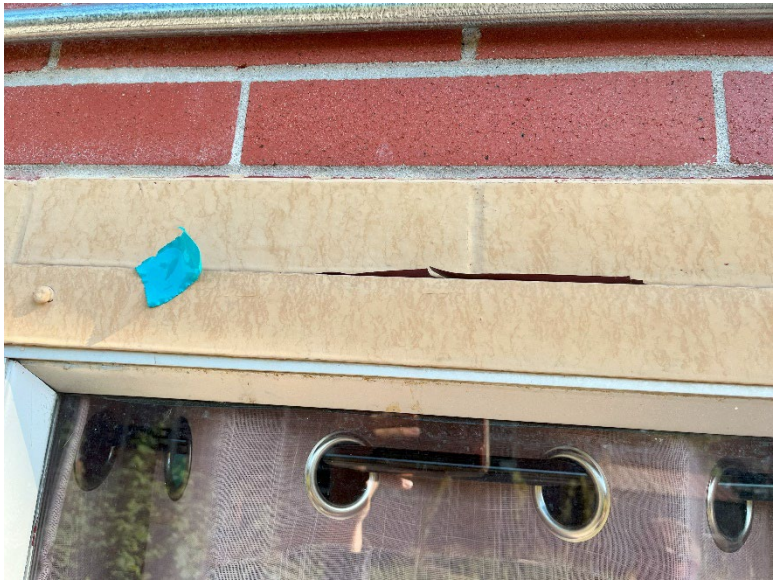
The interior epoxy coatings in the POD/Library building were generally found to be in good condition with minor damage.



An area of tape was found to have been placed in POD classroom 17 and was identified as an area for immediate repair.



Epoxy coatings were applied around windows and along columns on the Gymnasium building.



Select areas of cracking were observed on the south side of the Gymnasium.



Cracking was observed on exterior columns of the west side of the gymnasium.



Chips in the epoxy were observed on the aluminum sill of some windows on the south side of the Gymnasium.



Interior epoxy in the Gymnasium includes sections along the ends of the upper windows in the south wall of the building.



Columns in the wall between the Gathering Room and the Daycare have epoxy coatings in good condition.



Epoxy is located on exterior doorways including in the north exit from the former girls' locker room.



A localized chip on the metal surface of an interior column in the small gymnasium.



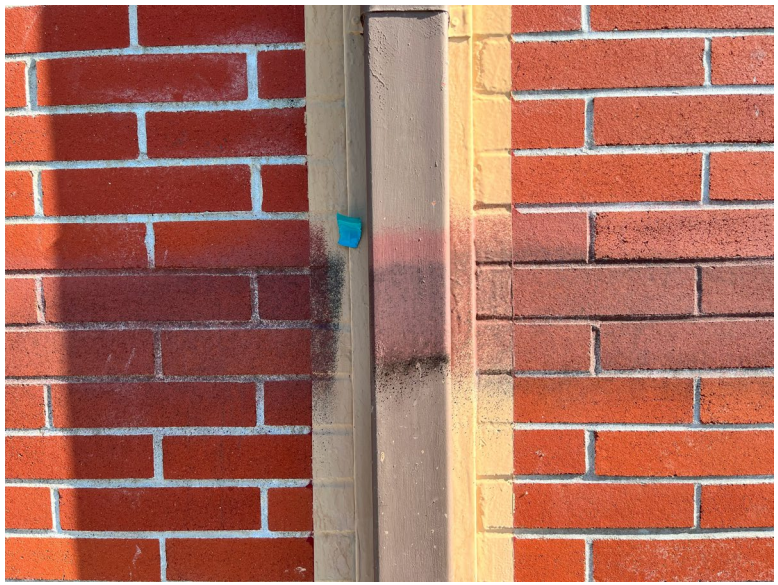
The east side of the Technology Building.



A small area of delamination was observed on the east side of the Technology building and is less than 5% damage.



The campus was vandalized with red and black spray paint.



The red spray paint is a different color than the red base epoxy coating.

Visual Inspection Summary

Inspector R. Matthews Date Completed: 8/5/2024

Administration (ADM)

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Administration	Intact	0	0	Intact	0	0	No
Office - Principal	Intact	0	0	Intact	0	0	No
Office – Conference	Intact	0	0	Intact	0	0	No
Office – Southeast	Intact	0	0	Intact	0	0	No
Office – West	Intact	0	0	Intact	0	0	No
Work Room	Intact	0	0	Intact	0	0	No
Men's Restroom	—						
Women's Restroom	—						
Staff Room	Intact	0	0	Intact	0	0	No
Counselor	Intact	0	0	Intact	0	0	No
Nurse	Intact	0	0	Intact	0	0	No
Exterior	Fair	<5%	~20sf	Intact	<5%	~5sf	No visible chips. *

Notes: * Typical exterior dust accumulation

Visual Inspection Summary

Inspector Kristen Fuller Date Completed: 8/5/2024

Annex (ANX)

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Room A	—	—	—	—	—	—	—
Room C	—	—	—	—	—	—	—
Boys Restroom	—	—	—	—	—	—	—
Girls Restroom	—	—	—	—	—	—	—
Room D	—	—	—	—	—	—	—
Room E – West	Intact	< 5%	< 1 SF	None	—	—	No
Room E – East	Intact	< 5%	< 1 SF	None	—	—	No
Room F	Intact	< 5%	< 1 SF	None	—	—	No
Prep Room (F)	Intact	< 5%	< 1 SF	None	—	—	No
Greenhouse	—	—	—	—	—	—	—
Exterior – North	Intact	< 5%	< 1 SF	None	—	—	No
Exterior – South	Intact	< 5%	< 1 SF	None	—	—	No

Notes: paint south face., touch up north fence

Visual Inspection Summary

Inspector R Martin Date Completed: 8/5/2024

Pod Classroom Building (POD)

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Room 1	Intact	<5%	<1SF	–	–	–	No
Room 2	Intact	<5%	<1SF	–	–	–	No
Room 3	Intact	<5%	<1SF	–	–	–	No
Room 4	Intact	<5%	<1SF	–	–	–	No
Room 5	Intact	<5%	<1SF	–	–	–	No
Room 6	Intact	<5%	<1SF	–	–	–	No
Room 7	Intact	–	–	–	–	–	No
Room 8	Intact	~~<5%~~ <5%		–	–	–	No
Room 9	Intact	<5%	<1SF	–	–	–	No
Room 10	Intact	<5%	<1SF	–	–	–	No
Room 11	Intact	<5%	<1SF	–	–	–	No
Room 12	Intact	<5%	<1SF	–	–	–	No
Room 13	Intact	–	–	–	–	–	No
Room 14	Intact	<5%	<1SF	–	–	–	No

Visual Inspection Summary

Inspector Ryan Mathews Date Completed: 8/5/2024

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Room 15	Intact	–	–	–	–	–	No
Room 16	Intact	<5%	<1SF	–	–	–	No
Room 17	Intact	<5%	<1SF	–	–	–	No
Room 18	Intact	<5%	<1SF	–	–	–	No
Room 19	Intact	<5%	<1SF	–	–	–	No
Room 20	Intact			–	–	–	No
Exterior South Pod (Rooms 1 to 7)	Worn	~~~45%~~ ~45%	18SF	No Columns	–	–	No *
Exterior East Pod (Rooms 8 to 13)	Worn	~40%	13 SF	No Columns	–	–	No *
Exterior North Pod (Rooms 14 to 20)	Worn	~25%	10 SF	No Columns	–	–	No *

Notes: No Colums in Pod/Library buildings

* Typical exfoliation dust visible

Some fraying exfoliations evidence more worn surfaces

Visual Inspection Summary

Inspector R-Mathews Date Completed: 8/5/2024

Gymnasium Building (GYM)

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Small Gym	~~Intact~~ No windows	~~<5%~~ 0	~~<1SF~~ 0	Intact	<5%	<1SF	
Girls Locker Room (Storage)	Door Intact	—	—	Need Add. Epoxy			No * Room in duty
Boys Locker Room (Storage)	—	—	—	Need Add Epoxy			No * Room in duty
Mezzanine							
Hallway (at Daycare)							
Daycare	—	—	—	—	—	—	No
Gathering Place	Intact	<5%	<1%				
CTE	Intact	—	—	None			
Storage	—	—	—	—	—	—	—
Music Storage	—	—	—	—	—	—	—
Music	Non-Intact	—	—	—	—	—	
Storage	—	—	—	—	—	—	—
Storage	—	—	—	—	—	—	—
Exterior – East	None			None			
Exterior – South Upper Windows	Worn	<5%	<1SF	Worn	<5%	<5SF	
Exterior – West	Worn	<5%	<5SF	Worn	<5%	<5SF	
Exterior – North	Intact	—	—	—	—	—	

Visual Inspection Summary

Inspector _____ Date Completed: _____

Notes: _____

_____

_____

Visual Inspection Summary

Inspector Ryan Matthews Date Completed: 8/5/2024

Technology Building (TECH)

Room/Area	Condition of Window Epoxy	% Damaged	SF of Damage	Condition of Structural Column Epoxy	% Damaged	SF of Damage	Is Dust or Debris Visible within 2-feet of the epoxy
Room 21 Woodshop	None	-	-	None	-	-	-
Room 22 Art Storage Rom	None	-	-	None	-	-	-
Exterior – West	Intact Epoxy	-	-	None	-	-	No*
Exterior – East	1 of 4 penetrations were Located	<5%	<1 SF	None	-	-	-

Notes: * Typical exterior dust

Appendix D

Exterior Work Area Memorandums

FULCRUM environmental consulting

Results Memorandum

Date	August 22, 2024
TO	Adam Denney, Director of Facilities, Monroe School District
FROM	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Administration Building, South Side Work Area – Exterior**
Findings	**No Detected PCBs in Wipe Samples**

On August 22, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected in the first work area associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024 *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAJH000051422* (Limited RBDA Approval).

Epoxy recoating was initiated on August 8, 2024 by Walker Specialty. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and two coats of epoxy were applied. The new epoxy layers were placed to extended beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

The completed work consisted of the south side of the Administration Building. The recoating addressed 120 linear feet of previously applied epoxy coating. The work area, consisting of 10-foot setbacks from the work, was 760 square feet in area. Based on the extent of the work, three wipe samples from the cured epoxy and three wipe samples from the concrete sidewalk in the work area were required.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 12, 2024. Samples were collected following the specified 3-day cure time of the epoxy. Six samples, including three from cured epoxy surfaces and three from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. One duplicate wipe sample was also collected. Two quality control samples, a field blank and a laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

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

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 10-centimeter by 10 centimeter paper template (100-square centimeters in interior area) was secured with adhesive tape to the substrate. The sample was collected from area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74724-1 to the project samples. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Table 1: Results Summary

Sample No.	Type	PCBs (µg/100 cm^2)
081224W-ADM ENTRY SW-01	Wipe, New Cured Epoxy	< 1.0
081224W-ADM ENTRY SW-02	Wipe, Concrete Sidewalk	< 1.0
081224W-ADM ENTRY CENTRAL-03	Wipe, Concrete Sidewalk	< 1.0
081224W-ADM CENTRAL-04	Wipe, New Cured Epoxy	< 1.0
081224W-ADM ENTRY SE-05	Wipe, Concrete Sidewalk	< 1.0
081224W-ADM ENTRY SE-06	Wipe, New Cured Epoxy	< 1.0
081224W-ADM CENTRAL .8	Duplicate of 081224W-ADM CENTRAL-04, Wipe, New Cured Epoxy	< 1.0
081224W-ADM CENTRAL .7	Field Blank	< 1.0
081224W-ADM CENTRAL .9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm^2 and no Aroclor was detected at its associated method detection limit (MDL).

All results were below the exterior clearance criteria of 10 µg/100 cm^2.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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The Administration Building, South Side work area following epoxy recoating.



The Administration Building, South Side work area following epoxy recoating and polyethylene sheeting removal.



Sample 081224W-ADM ENTRY SW-01 was collected from the cured epoxy surface.



Sample 081224W-ADM ENTRY SW-02 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 081224W-ADM ENTRY CENTRAL-03 was collected concrete sidewalk following polyethylene sheeting removal.



Sample 081224W-ADM CENTRAL-04 was collected from the cured epoxy surface.



Sample 081224W-ADM ENTRY SE-05 was collected from the concrete sidewalk following polyethylene sheeting removal.



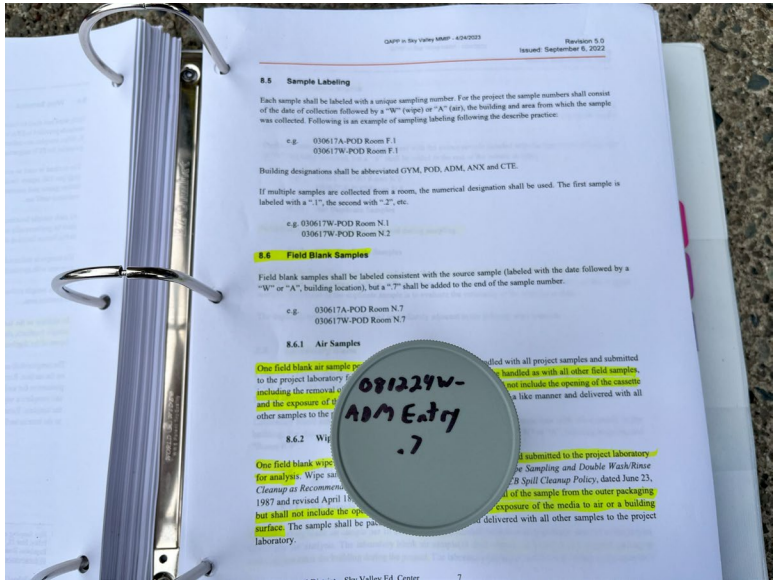
Sample 081224W-ADM ENTRY SE-06 was collected from the cured epoxy surface.



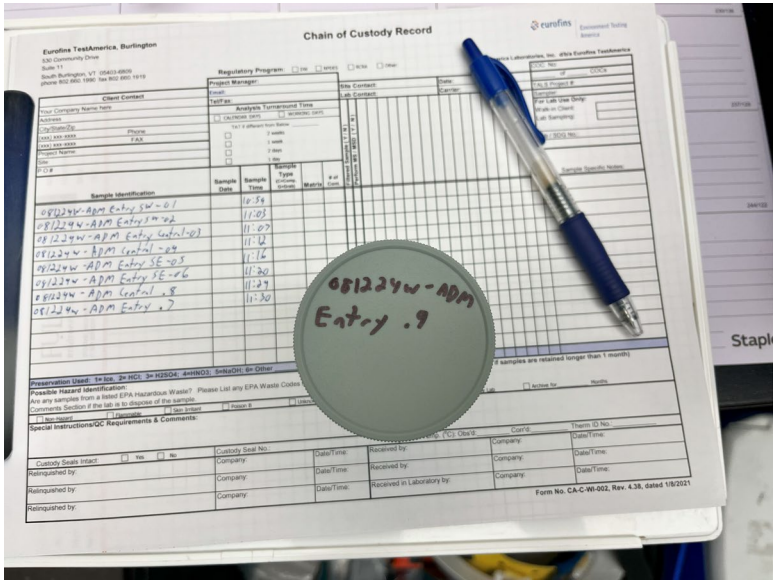
A duplicate sample 081224W-CENTRAL .8 was collected adjacent to sample 081224W-CENTRAL-04.



Sample 081224W-ADM CENTRAL .8 was a duplicate sample collected from the cured epoxy surface.



Sample 081224W-ADM ENTRY .7 was a field blank.



Sample 081224W-ADM ENTRY .9 was a laboratory blank.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Ryan Mathews
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 8/15/2024 3:13:32 PM

JOB DESCRIPTION

Monroe SD Sky Valley 2024
200-74724-1

JOB NUMBER

200-74724-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 13
Lab Chronicle 14
Certification Summary 16
Method Summary 17
Sample Summary 18
Chain of Custody 19
Receipt Checklists 20

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74724-1 — Eurofins Burlington

Job Narrative
200-74724-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/13/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and on ice. The temperature of the cooler at receipt time was 8.9°C, above the method defined limit of 6.0º C.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Client Sample ID: 081224W-ADM ENTRY SW-01 — Lab Sample ID: 200-74724-1

No Detections.

Client Sample ID: 081224W-ADM ENTRY SW-02 — Lab Sample ID: 200-74724-2

No Detections.

Client Sample ID: 081224W-ADM ENTRY CENTRAL-03 — Lab Sample ID: 200-74724-3

No Detections.

Client Sample ID: 081224W-ADM CENTRAL-04 — Lab Sample ID: 200-74724-4

No Detections.

Client Sample ID: 081224W-ADM ENTRY SE-05 — Lab Sample ID: 200-74724-5

No Detections.

Client Sample ID: 081224W-ADM ENTRY SE-06 — Lab Sample ID: 200-74724-6

No Detections.

Client Sample ID: 081224W-ADM CENTRAL .8 — Lab Sample ID: 200-74724-7

No Detections.

Client Sample ID: 081224W-ADM ENTRY .7 — Lab Sample ID: 200-74724-8

No Detections.

Client Sample ID: 081224W-ADM ENTRY .9 — Lab Sample ID: 200-74724-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 081224W-ADM ENTRY SW-01

Lab Sample ID: 200-74724-1
Date Collected: 08/12/24 10:59
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/14/24 07:33*	*08/15/24 04:33*	*1*
DCB Decachlorobiphenyl	*107*		*59 - 171*	*08/14/24 07:33*	*08/15/24 04:33*	*1*

Client Sample ID: 081224W-ADM ENTRY SW-02

Lab Sample ID: 200-74724-2
Date Collected: 08/12/24 11:03
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/14/24 07:33*	*08/15/24 04:16*	*1*
DCB Decachlorobiphenyl	*96*		*59 - 171*	*08/14/24 07:33*	*08/15/24 04:16*	*1*

Client Sample ID: 081224W-ADM ENTRY CENTRAL-03

Lab Sample ID: 200-74724-3
Date Collected: 08/12/24 11:07
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:58	1

Client Sample ID: 081224W-ADM ENTRY CENTRAL-03

Lab Sample ID: 200-74724-3

Date Collected: 08/12/24 11:07
Matrix: Wipe
Date Received: 08/13/24 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/14/24 07:33*	*08/15/24 03:58*	*1*
DCB Decachlorobiphenyl	*95*		*59 - 171*	*08/14/24 07:33*	*08/15/24 03:58*	*1*

Client Sample ID: 081224W-ADM CENTRAL-04

Lab Sample ID: 200-74724-4

Date Collected: 08/12/24 11:12
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/14/24 07:33*	*08/15/24 03:41*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/14/24 07:33*	*08/15/24 03:41*	*1*

Client Sample ID: 081224W-ADM ENTRY SE-05

Lab Sample ID: 200-74724-5

Date Collected: 08/12/24 11:16
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*57 - 173*	*08/14/24 07:33*	*08/15/24 08:57*	*1*
DCB Decachlorobiphenyl	*127*		*59 - 171*	*08/14/24 07:33*	*08/15/24 08:57*	*1*

Client Sample ID: 081224W-ADM ENTRY SE-06

Lab Sample ID: 200-74724-6

Date Collected: 08/12/24 22:03
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1

Client Sample ID: 081224W-ADM ENTRY SE-06

Lab Sample ID: 200-74724-6

Date Collected: 08/12/24 22:03
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 08:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*57 - 173*	*08/14/24 07:33*	*08/15/24 08:40*	*1*
DCB Decachlorobiphenyl	*95*		*59 - 171*	*08/14/24 07:33*	*08/15/24 08:40*	*1*

Client Sample ID: 081224W-ADM CENTRAL .8

Lab Sample ID: 200-74724-7

Date Collected: 08/12/24 11:24
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/14/24 07:33*	*08/15/24 07:47*	*1*
DCB Decachlorobiphenyl	*82*		*59 - 171*	*08/14/24 07:33*	*08/15/24 07:47*	*1*

Client Sample ID: 081224W-ADM ENTRY .7

Lab Sample ID: 200-74724-8

Date Collected: 08/12/24 11:30
Matrix: Wipe
Date Received: 08/13/24 10:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*57 - 173*	*08/14/24 07:33*	*08/15/24 07:29*	*1*
DCB Decachlorobiphenyl	*78*		*59 - 171*	*08/14/24 07:33*	*08/15/24 07:29*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Client Sample ID: 081224W-ADM ENTRY .9
Date Collected: 08/12/24 15:24
Date Received: 08/13/24 10:30

Lab Sample ID: 200-74724-9
Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*57 - 173*	*08/14/24 07:33*	*08/15/24 07:12*	*1*
DCB Decachlorobiphenyl	*115*		*59 - 171*	*08/14/24 07:33*	*08/15/24 07:12*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(57-173)	(59-171)
200-74724-1	081224W-ADM ENTRY SW-01	81	107
200-74724-2	081224W-ADM ENTRY SW-02	79	96
200-74724-3	081224W-ADM ENTRY CENTRAL-03	79	95
200-74724-4	081224W-ADM CENTRAL-04	75	91
200-74724-5	081224W-ADM ENTRY SE-05	114	127
200-74724-6	081224W-ADM ENTRY SE-06	82	95
200-74724-7	081224W-ADM CENTRAL .8	75	82
200-74724-8	081224W-ADM ENTRY .7	74	78
200-74724-9	081224W-ADM ENTRY .9	108	115
LCS 480-721689/2-A	Lab Control Sample	90	104
LCSD 480-721689/3-A	Lab Control Sample Dup	92	107
MB 480-721689/1-A	Method Blank	89	101

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-721689/1-A
Matrix: Wipe
Analysis Batch: 721792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/14/24 07:33	08/15/24 02:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*57 - 173*	*08/14/24 07:33*	*08/15/24 02:48*	*1*
DCB Decachlorobiphenyl	*101*		*59 - 171*	*08/14/24 07:33*	*08/15/24 02:48*	*1*

Lab Sample ID: LCS 480-721689/2-A
Matrix: Wipe
Analysis Batch: 721792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721689

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	18.8		ug/Wipe		94	54 - 182		
PCB-1260			20.0	18.7		ug/Wipe		93	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*57 - 173*
DCB Decachlorobiphenyl	*104*		*59 - 171*

Lab Sample ID: LCSD 480-721689/3-A
Matrix: Wipe
Analysis Batch: 721792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721689

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	19.8		ug/Wipe		99	54 - 182	5	50
PCB-1260			20.0	19.2		ug/Wipe		96	53 - 187	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*92*		*57 - 173*
DCB Decachlorobiphenyl	*107*		*59 - 171*

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

GC Semi VOA

Prep Batch: 721689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74724-1	081224W-ADM ENTRY SW-01	Total/NA	Wipe	3550C	
200-74724-2	081224W-ADM ENTRY SW-02	Total/NA	Wipe	3550C	
200-74724-3	081224W-ADM ENTRY CENTRAL-03	Total/NA	Wipe	3550C	
200-74724-4	081224W-ADM CENTRAL-04	Total/NA	Wipe	3550C	
200-74724-5	081224W-ADM ENTRY SE-05	Total/NA	Wipe	3550C	
200-74724-6	081224W-ADM ENTRY SE-06	Total/NA	Wipe	3550C	
200-74724-7	081224W-ADM CENTRAL .8	Total/NA	Wipe	3550C	
200-74724-8	081224W-ADM ENTRY .7	Total/NA	Wipe	3550C	
200-74724-9	081224W-ADM ENTRY .9	Total/NA	Wipe	3550C	
MB 480-721689/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-721689/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-721689/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 721792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74724-1	081224W-ADM ENTRY SW-01	Total/NA	Wipe	8082A	721689
200-74724-2	081224W-ADM ENTRY SW-02	Total/NA	Wipe	8082A	721689
200-74724-3	081224W-ADM ENTRY CENTRAL-03	Total/NA	Wipe	8082A	721689
200-74724-4	081224W-ADM CENTRAL-04	Total/NA	Wipe	8082A	721689
200-74724-5	081224W-ADM ENTRY SE-05	Total/NA	Wipe	8082A	721689
200-74724-6	081224W-ADM ENTRY SE-06	Total/NA	Wipe	8082A	721689
200-74724-7	081224W-ADM CENTRAL .8	Total/NA	Wipe	8082A	721689
200-74724-8	081224W-ADM ENTRY .7	Total/NA	Wipe	8082A	721689
200-74724-9	081224W-ADM ENTRY .9	Total/NA	Wipe	8082A	721689
MB 480-721689/1-A	Method Blank	Total/NA	Wipe	8082A	721689
LCS 480-721689/2-A	Lab Control Sample	Total/NA	Wipe	8082A	721689
LCSD 480-721689/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	721689

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Client Sample ID: 081224W-ADM ENTRY SW-01
Lab Sample ID: 200-74724-1
Date Collected: 08/12/24 10:59
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 04:33

Client Sample ID: 081224W-ADM ENTRY SW-02
Lab Sample ID: 200-74724-2
Date Collected: 08/12/24 11:03
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 04:16

Client Sample ID: 081224W-ADM ENTRY CENTRAL-03
Lab Sample ID: 200-74724-3
Date Collected: 08/12/24 11:07
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 03:58

Client Sample ID: 081224W-ADM CENTRAL-04
Lab Sample ID: 200-74724-4
Date Collected: 08/12/24 11:12
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 03:41

Client Sample ID: 081224W-ADM ENTRY SE-05
Lab Sample ID: 200-74724-5
Date Collected: 08/12/24 11:16
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 08:57

Client Sample ID: 081224W-ADM ENTRY SE-06
Lab Sample ID: 200-74724-6
Date Collected: 08/12/24 22:03
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 08:40

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Client Sample ID: 081224W-ADM CENTRAL .8

Lab Sample ID: 200-74724-7

Date Collected: 08/12/24 11:24
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 07:47

Client Sample ID: 081224W-ADM ENTRY .7

Lab Sample ID: 200-74724-8

Date Collected: 08/12/24 11:30
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 07:29

Client Sample ID: 081224W-ADM ENTRY .9

Lab Sample ID: 200-74724-9

Date Collected: 08/12/24 15:24
Matrix: Wipe
Date Received: 08/13/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			721689	DP	EET BUF	08/14/24 07:33
Total/NA	Analysis	8082A		1	721792	W1T	EET BUF	08/15/24 07:12

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley 2024

Job ID: 200-74724-1
SDG: 200-74724-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74724-1	081224W-ADM ENTRY SW-01	Wipe	08/12/24 10:59	08/13/24 10:30
200-74724-2	081224W-ADM ENTRY SW-02	Wipe	08/12/24 11:03	08/13/24 10:30
200-74724-3	081224W-ADM ENTRY CENTRAL-03	Wipe	08/12/24 11:07	08/13/24 10:30
200-74724-4	081224W-ADM CENTRAL-04	Wipe	08/12/24 11:12	08/13/24 10:30
200-74724-5	081224W-ADM ENTRY SE-05	Wipe	08/12/24 11:16	08/13/24 10:30
200-74724-6	081224W-ADM ENTRY SE-06	Wipe	08/12/24 22:03	08/13/24 10:30
200-74724-7	081224W-ADM CENTRAL .8	Wipe	08/12/24 11:24	08/13/24 10:30
200-74724-8	081224W-ADM ENTRY .7	Wipe	08/12/24 11:30	08/13/24 10:30
200-74724-9	081224W-ADM ENTRY .9	Wipe	08/12/24 15:24	08/13/24 10:30

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Ryan K. Mathews	Site Contact:	Date:	COC No:
Your Company Name here: Fulcrum Environmental	Email: ryan.mathews@efulcrum.net	Lab Contact: Elizabeth Nye	Carrier:	____ of ____ COCs
Address: 406 North 2nd Street	Tel/Fax: 509-574-0839			TALS Project #:
City/State/Zip: Yakima / WA / 98901	**Analysis Turnaround Time**			Sampler:
(xxx) xxx-xxxx: 509-574-0839 Phone	☐ CALENDAR DAYS ☒ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx FAX	TAT if different from Below ____			n Client:
Project Name: Monroe SP Sky Valley 2024	☐ 2 weeks			mpling:
Site: Sky Valley Education Center	☐ 1 week			
P O #	☐ 2 days			DG No.:
	☒ 1 day			

200-74724 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	EPA Method 90824	Sample Specific Notes:
081224W-ADM Entry SW-01	8-12-24	10:59	wipe					/	100 square centimeters
081224W-ADM Entry SW-02	8-12-24	11:03	wipe					/	100^2 cm
081224W-ADM Entry Central-03	8-12-24	11:07	wipe					/	100^2 cm
081224W-ADM Central-04	8-12-24	11:12	wipe					/	100^2 cm
081224W-ADM Entry SE-05	8-12-24	11:16	wipe					/	100^2 cm
081224W-ADM Entry SE-06	8-12-24	11:20	wipe					/	100^2 cm
081224W-ADM Central .8	8-12-24	11:24	wipe					/	100^2 cm
081224W-ADM Entry .7	8-12-24	11:30	wipe					/	100^2 cm
081224W-ADM Entry .9	8-12-24	3:24	wipe					/	100^2 cm

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: cc: Tarell.Manjarrez@efulcrum.net in results email

8.9 #1 Blue ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____		
Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-12-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 8/13/24 1630

Form No. CA-C-WI-002, Rev. 4.38, dated 1/8/2021

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74724-1
SDG Number: 200-74724-1

Login Number: 74724
List Number: 1
Creator: Nye, Elizabeth A

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Results Memorandum

Date	August 28, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Exterior Work Area: Administration Building, West Side**
Findings	**No Detected PCBs in Wipe Samples**

On August 28, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, Re: *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

The exterior west Administration Building work area preparation began on August 19, 2024, by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extend beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

Exterior work included in this clearance inspection included:

- Administration Building – The west side work area included three window units. Each window is about 18 linear feet (about 54 linear feet total), and the work area totaled about 650 square feet. Two wipe samples were collected from new cured epoxy surfaces and three samples were collected from the concrete sidewalk in the work area.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 22, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and concrete sidewalk.

P. 509.574.0839 F. 509.575.8453
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Yakima, Washington 98901
efulcrum.net

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. Five exterior work area samples, including two from cured epoxy surfaces and three from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. One duplicate wipe sample was also collected. Two quality control samples, one field blank and one laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 10-centimeter by 10-centimeter paper template (100-square centimeters in interior area) was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74852-1 to the project samples. Samples were received at 5 degrees Celsius, below the above the method defined limit of 6 degrees Celsius. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Table 1: Results Summary – Exterior Locations

Sample No.	Type	PCBs (µg/100 cm^2)
082224W-ADM West-01	Wipe, New Cured Epoxy	< 1.0
082224W-ADM West-02	Wipe, New Cured Epoxy	< 1.0
082224W-ADM West-N8	Duplicate of 082224W-ADM West-02	< 1.0
082224W-ADM West-03	Wipe, Concrete Sidewalk	< 1.0
082224W-ADM West-04	Wipe, Concrete Sidewalk	< 1.0
082224W-ADM West-05	Wipe, Concrete Sidewalk	< 1.0
082224W-ADM West-N7	Field Blank	< 1.0
082224W-ADM West-N9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

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Yakima, Washington 98901
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No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm^2 and no Aroclor was detected at its associated method detection limit (MDL).

All results were below the exterior clearance criteria of 10 µg/100 cm^2.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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Yakima, Washington 98901
efulcrum.net



The Administration Building, West Side work area following epoxy recoating.



The Administration Building, West Side window following epoxy recoating.



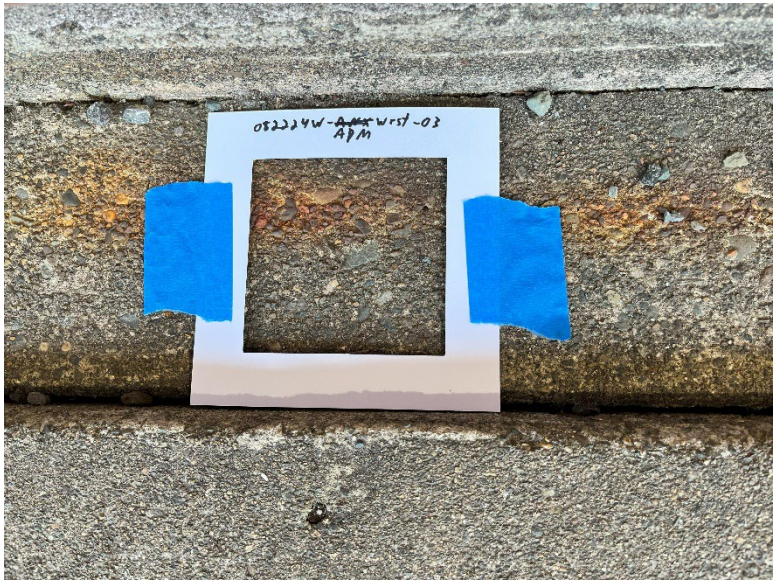
Sample 082224W- ADM West-01 was collected from the cured epoxy surface.



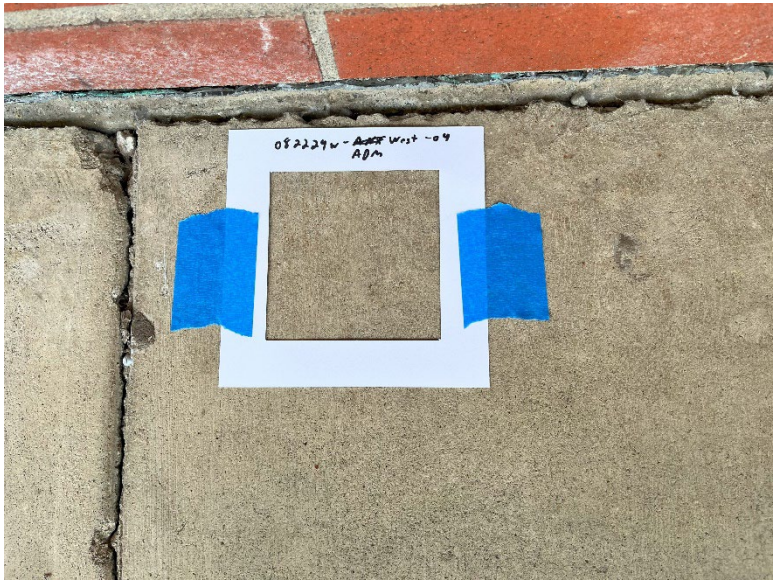
Fulcrum collected a duplicate sample of the cured epoxy.



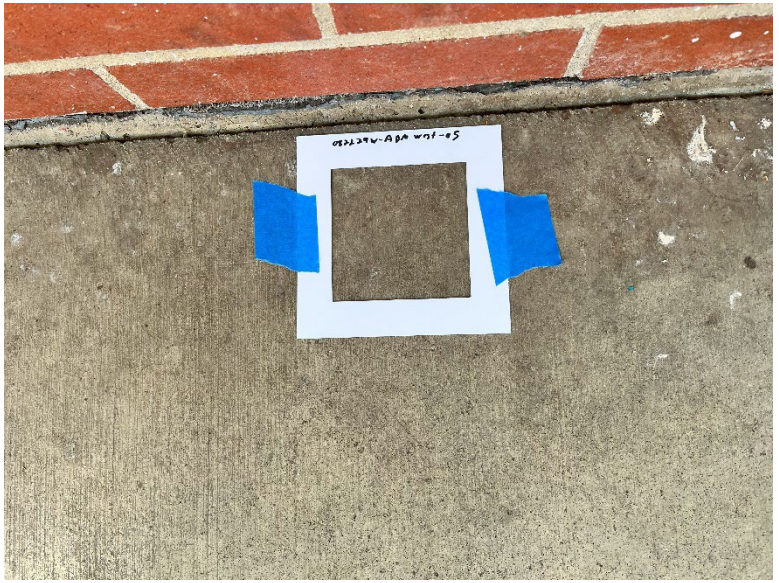
The duplicate sample 082224W-ADM West-N8 was collected adjacent to sample 082224-ADM West-02.



Sample 082224W-ADM West-03 was collected from concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-ADM West-04 was collected from concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-ADM West-05 was collected from concrete sidewalk following polyethylene sheeting removal.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

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JOB DESCRIPTION

Monroe SD Sky Valley
200-74852-1

JOB NUMBER

200-74852-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 10
QC Sample Results 11
QC Association Summary 12
Lab Chronicle 13
Certification Summary 15
Method Summary 16
Sample Summary 17
Chain of Custody 18
Receipt Checklists 19

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74852-1 — Eurofins Burlington

Job Narrative
200-74852-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/23/2024 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Client Sample ID: 082224W-ADM WEST-01 — Lab Sample ID: 200-74852-1

No Detections.

Client Sample ID: 082224W-ADM WEST-02 — Lab Sample ID: 200-74852-2

No Detections.

Client Sample ID: 082224W-ADM WEST-N8 — Lab Sample ID: 200-74852-3

No Detections.

Client Sample ID: 082224W-ADM WEST-03 — Lab Sample ID: 200-74852-4

No Detections.

Client Sample ID: 082224W-ADM WEST-04 — Lab Sample ID: 200-74852-5

No Detections.

Client Sample ID: 082224W-ADM WEST-05 — Lab Sample ID: 200-74852-6

No Detections.

Client Sample ID: 082224W-ADM WEST-N7 — Lab Sample ID: 200-74852-7

No Detections.

Client Sample ID: 082224W-ADM WEST-N9 — Lab Sample ID: 200-74852-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Client Sample ID: 082224W-ADM WEST-01

Lab Sample ID: 200-74852-1
Matrix: Wipe
Date Collected: 08/22/24 07:40
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*57 - 173*	*08/26/24 12:29*	*08/26/24 20:59*	*1*
DCB Decachlorobiphenyl	*77*		*59 - 171*	*08/26/24 12:29*	*08/26/24 20:59*	*1*

Client Sample ID: 082224W-ADM WEST-02

Lab Sample ID: 200-74852-2
Matrix: Wipe
Date Collected: 08/22/24 07:42
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*57 - 173*	*08/26/24 12:29*	*08/26/24 21:49*	*1*
DCB Decachlorobiphenyl	*81*		*59 - 171*	*08/26/24 12:29*	*08/26/24 21:49*	*1*

Client Sample ID: 082224W-ADM WEST-N8

Lab Sample ID: 200-74852-3
Matrix: Wipe
Date Collected: 08/22/24 07:45
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:06	1

Client Sample ID: 082224W-ADM WEST-N8

Lab Sample ID: 200-74852-3

Date Collected: 08/22/24 07:45
Matrix: Wipe
Date Received: 08/23/24 09:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/26/24 12:29*	*08/26/24 22:06*	*1*
DCB Decachlorobiphenyl	*76*		*59 - 171*	*08/26/24 12:29*	*08/26/24 22:06*	*1*

Client Sample ID: 082224W-ADM WEST-03

Lab Sample ID: 200-74852-4

Date Collected: 08/22/24 07:58
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*57 - 173*	*08/26/24 12:29*	*08/26/24 22:23*	*1*
DCB Decachlorobiphenyl	*83*		*59 - 171*	*08/26/24 12:29*	*08/26/24 22:23*	*1*

Client Sample ID: 082224W-ADM WEST-04

Lab Sample ID: 200-74852-5

Date Collected: 08/22/24 08:02
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*57 - 173*	*08/26/24 12:29*	*08/26/24 22:39*	*1*
DCB Decachlorobiphenyl	*82*		*59 - 171*	*08/26/24 12:29*	*08/26/24 22:39*	*1*

Client Sample ID: 082224W-ADM WEST-05

Lab Sample ID: 200-74852-6

Date Collected: 08/22/24 08:05
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1

Client Sample ID: 082224W-ADM WEST-05

Lab Sample ID: 200-74852-6

Date Collected: 08/22/24 08:05
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/26/24 12:29*	*08/26/24 22:56*	*1*
DCB Decachlorobiphenyl	*69*		*59 - 171*	*08/26/24 12:29*	*08/26/24 22:56*	*1*

Client Sample ID: 082224W-ADM WEST-N7

Lab Sample ID: 200-74852-7

Date Collected: 08/22/24 08:08
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*57 - 173*	*08/26/24 12:29*	*08/26/24 23:13*	*1*
DCB Decachlorobiphenyl	*82*		*59 - 171*	*08/26/24 12:29*	*08/26/24 23:13*	*1*

Client Sample ID: 082224W-ADM WEST-N9

Lab Sample ID: 200-74852-8

Date Collected: 08/22/24 11:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*57 - 173*	*08/26/24 12:29*	*08/26/24 23:30*	*1*
DCB Decachlorobiphenyl	*77*		*59 - 171*	*08/26/24 12:29*	*08/26/24 23:30*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(57-173)	(59-171)										
200-74852-1	082224W-ADM WEST-01	87	77										
200-74852-2	082224W-ADM WEST-02	88	81										
200-74852-3	082224W-ADM WEST-N8	86	76										
200-74852-4	082224W-ADM WEST-03	93	83										
200-74852-5	082224W-ADM WEST-04	91	82										
200-74852-6	082224W-ADM WEST-05	75	69										
200-74852-7	082224W-ADM WEST-N7	93	82										
200-74852-8	082224W-ADM WEST-N9	85	77										
LCS 480-723087/2-A	Lab Control Sample	93	84										
LCSD 480-723087/3-A	Lab Control Sample Dup	95	85										
MB 480-723087/1-A	Method Blank	95	84										

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-723087/1-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*57 - 173*	*08/26/24 12:29*	*08/26/24 17:21*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 171*	*08/26/24 12:29*	*08/26/24 17:21*	*1*

Lab Sample ID: LCS 480-723087/2-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	16.0		ug/Wipe		80	54 - 182		
PCB-1260			20.0	17.0		ug/Wipe		85	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*57 - 173*
DCB Decachlorobiphenyl	*84*		*59 - 171*

Lab Sample ID: LCSD 480-723087/3-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	16.3		ug/Wipe		82	54 - 182	2	50
PCB-1260			20.0	17.3		ug/Wipe		86	53 - 187	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*57 - 173*
DCB Decachlorobiphenyl	*85*		*59 - 171*

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

GC Semi VOA

Prep Batch: 723087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74852-1	082224W-ADM WEST-01	Total/NA	Wipe	3550C	
200-74852-2	082224W-ADM WEST-02	Total/NA	Wipe	3550C	
200-74852-3	082224W-ADM WEST-N8	Total/NA	Wipe	3550C	
200-74852-4	082224W-ADM WEST-03	Total/NA	Wipe	3550C	
200-74852-5	082224W-ADM WEST-04	Total/NA	Wipe	3550C	
200-74852-6	082224W-ADM WEST-05	Total/NA	Wipe	3550C	
200-74852-7	082224W-ADM WEST-N7	Total/NA	Wipe	3550C	
200-74852-8	082224W-ADM WEST-N9	Total/NA	Wipe	3550C	
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 723096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74852-1	082224W-ADM WEST-01	Total/NA	Wipe	8082A	723087
200-74852-2	082224W-ADM WEST-02	Total/NA	Wipe	8082A	723087
200-74852-3	082224W-ADM WEST-N8	Total/NA	Wipe	8082A	723087
200-74852-4	082224W-ADM WEST-03	Total/NA	Wipe	8082A	723087
200-74852-5	082224W-ADM WEST-04	Total/NA	Wipe	8082A	723087
200-74852-6	082224W-ADM WEST-05	Total/NA	Wipe	8082A	723087
200-74852-7	082224W-ADM WEST-N7	Total/NA	Wipe	8082A	723087
200-74852-8	082224W-ADM WEST-N9	Total/NA	Wipe	8082A	723087
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	8082A	723087
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	8082A	723087
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	723087

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Client Sample ID: 082224W-ADM WEST-01
Date Collected: 08/22/24 07:40
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-1
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 20:59

Client Sample ID: 082224W-ADM WEST-02
Date Collected: 08/22/24 07:42
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-2
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 21:49

Client Sample ID: 082224W-ADM WEST-N8
Date Collected: 08/22/24 07:45
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-3
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 22:06

Client Sample ID: 082224W-ADM WEST-03
Date Collected: 08/22/24 07:58
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-4
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 22:23

Client Sample ID: 082224W-ADM WEST-04
Date Collected: 08/22/24 08:02
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-5
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 22:39

Client Sample ID: 082224W-ADM WEST-05
Date Collected: 08/22/24 08:05
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74852-6
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 22:56

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Client Sample ID: 082224W-ADM WEST-N7

Lab Sample ID: 200-74852-7

Date Collected: 08/22/24 08:08
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 23:13

Client Sample ID: 082224W-ADM WEST-N9

Lab Sample ID: 200-74852-8

Date Collected: 08/22/24 11:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 23:30

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74852-1
SDG: 200-74852-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74852-1	082224W-ADM WEST-01	Wipe	08/22/24 07:40	08/23/24 09:00
200-74852-2	082224W-ADM WEST-02	Wipe	08/22/24 07:42	08/23/24 09:00
200-74852-3	082224W-ADM WEST-N8	Wipe	08/22/24 07:45	08/23/24 09:00
200-74852-4	082224W-ADM WEST-03	Wipe	08/22/24 07:58	08/23/24 09:00
200-74852-5	082224W-ADM WEST-04	Wipe	08/22/24 08:02	08/23/24 09:00
200-74852-6	082224W-ADM WEST-05	Wipe	08/22/24 08:05	08/23/24 09:00
200-74852-7	082224W-ADM WEST-N7	Wipe	08/22/24 08:08	08/23/24 09:00
200-74852-8	082224W-ADM WEST-N9	Wipe	08/22/24 11:30	08/23/24 09:00

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.2
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 4~~ 1 of 1
Company: Fulcrum Environmental Consulting Inc	PWSID:	Analysis Requested		Job #:
Address: 406 North 2nd Street	Due Date Requested:			Preservation Codes: N - None
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Admin West Exterior	SSOW#:			

200-74852 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of	Special Instructions/Note:
			Preservation Code:				N		
082224w-ADM West-01	8-22-24	7:40		Wipe			/		On Epoxy
082224w-ADM West-02		7:42		Wipe			/		Epoxy
082224w-ADM West-N8		7:45		Wipe			/		Epoxy
082224w-ADM West-03		7:58		Wipe			/		On Concrete
082224w-ADM West-04		8:02		Wipe			/		Concrete
082224w-ADM West-05		8:05		Wipe			/		Concrete
082224w-ADM West-N7		8:08		Wipe			/		
082224w-ADM West-N9		11:30		Wipe			/		
				Wipe					
				Wipe					
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Tarell Manjarrez	Date/Time: 8-22-24 12:00	Company: Fulcrum	Received by: [signature]
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Date/Time	Company
8/23/24 9cc	TVT
Date/Time:	Company:
Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: S.O # 1716

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74852-1
SDG Number: 200-74852-1

Login Number: 74852
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Results Memorandum

Date	August 28, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Exterior Work Area: Gymnasium**
Findings	**No Detected PCBs in Wipe Samples**

On August 28, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAJH000051422* (Limited RBDA Approval).

The Gymnasium work area preparation began on August 19, 2024, by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extend beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

Exterior work included in this clearance inspection included:

- Gymnasium – There are 28 columns in the work area, each column is either about 6 linear feet or 11 linear feet (approximately 340 linear feet total), window units of various sizes (about 120 linear feet total), and the work area totaled about 2,450 square feet. Ten wipe samples were collected from new cured epoxy surfaces and nine samples were collected from the concrete sidewalk in the work area.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 22, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and concrete sidewalk.

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

FULCRUM environmental consulting

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. 19 exterior work area samples, including 10 from cured epoxy surfaces and nine from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. Two duplicate wipe samples were also collected. Two quality control samples, one field blank and one laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 10-centimeter by 10-centimeter paper template (100-square centimeters in interior area) was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74850-1 to the project samples. Samples were received at 5 degrees Celsius, below the above the method defined limit of 6 degrees Celsius. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Sample 082224-GYM-N9, a laboratory blank, is indicated on the chain of custody but was not received by Eurofins. The laboratory blank is held separate from project samples and added into the cooler immediately prior to shipment. The purpose of a laboratory blank is to determine if contamination was introduced during wipe kit preparation. Separate laboratory quality control samples are introduced at the laboratory to evaluate potential for the introduction of contamination during laboratory processes. Fulcrum reviewed the project samples and confirmed that no detectable concentrations of PCBs were present in any of the project samples. As a result, no evidence of contamination of the wipe samples during preparation is indicated. Fulcrum has determined that while an intended part of the project quality control record, the absence of Sample 082224-GYM-N9 does not affect the reliability of the sample collection or laboratory analysis. Additionally, two other laboratory blank samples, prepared as part of the wipe kit delivery, but associated with Job Number 200-74851-1 and Job Number 200-74852-1; but reported in separate results memorandum, also do not have detectable concentrations of PCBs.

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Table 1: Results Summary – Exterior Locations

Sample No.	Type	PCBs (µg/100 cm²)
082224W-GYM West-01	Wipe, New Cured Epoxy	< 1.0
082224W-GYM West-02	Wipe, New Cured Epoxy	< 1.0
082224W-GYM West-03	Wipe, New Cured Epoxy	< 1.0
082224W-GYM West-04	Wipe, New Cured Epoxy	< 1.0
082224W-GYM West-05	Wipe, New Cured Epoxy	< 1.0
082224W-GYM West-06	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM West-07	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM West-08	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM West-N8	Duplicate of 082224W-GYM West-08	< 1.0
082224W-GYM West-09	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM West-10	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM South-11	Wipe, New Cured Epoxy	< 1.0
082224W-GYM South-12	Wipe, New Cured Epoxy	< 1.0
082224W-GYM South-13	Wipe, New Cured Epoxy	< 1.0
082224W-GYM South-14	Wipe, New Cured Epoxy	< 1.0
082224W-GYM South-N8	Duplicate of 082224W-GYM South-14	< 1.0
082224W-GYM South-15	Wipe, New Cured Epoxy	< 1.0
082224W-GYM South-16	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM South-17	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM South-18	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM South-19	Wipe, Concrete Sidewalk	< 1.0
082224W-GYM -N7	Field Blank	< 1.0
Exterior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm² and no Aroclor was detected at its associated method detection limit (MDL).

All results were below the exterior clearance criteria of 10 µg/100 cm².

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

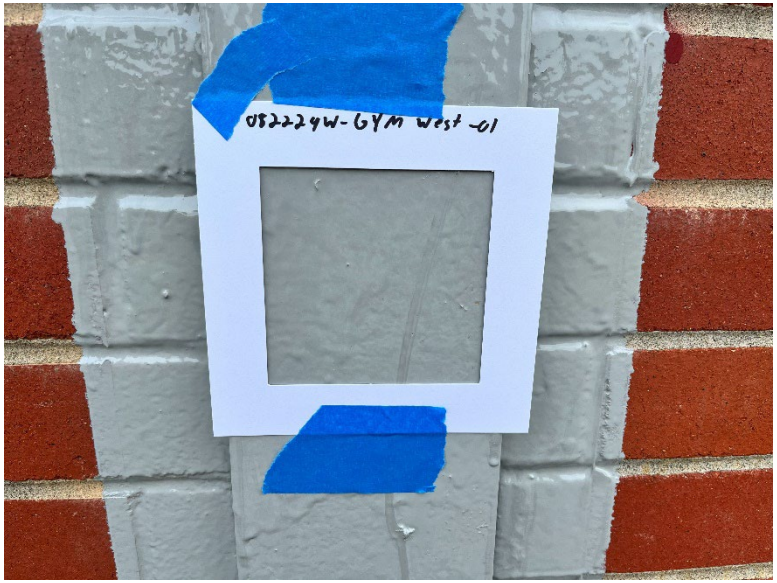
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Yakima, Washington 98901
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The Gymnasium, West Side work area following epoxy recoating.



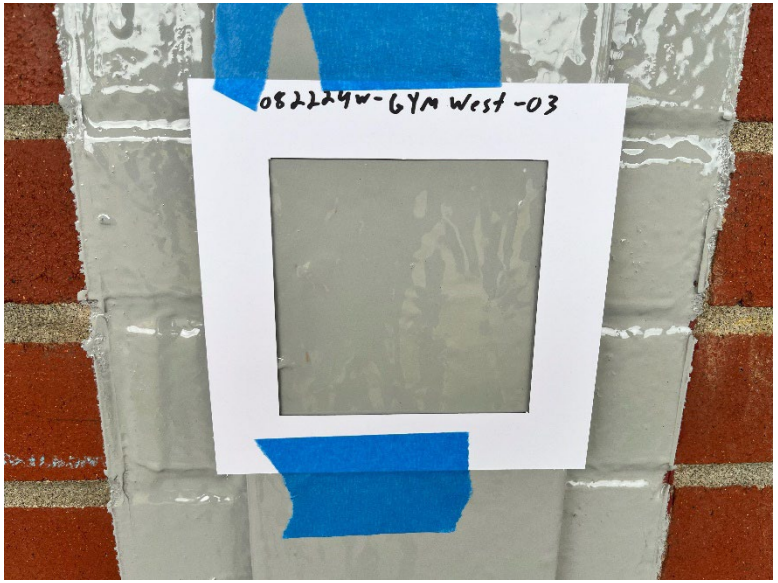
The Gymnasium, South Side work area following epoxy recoating.



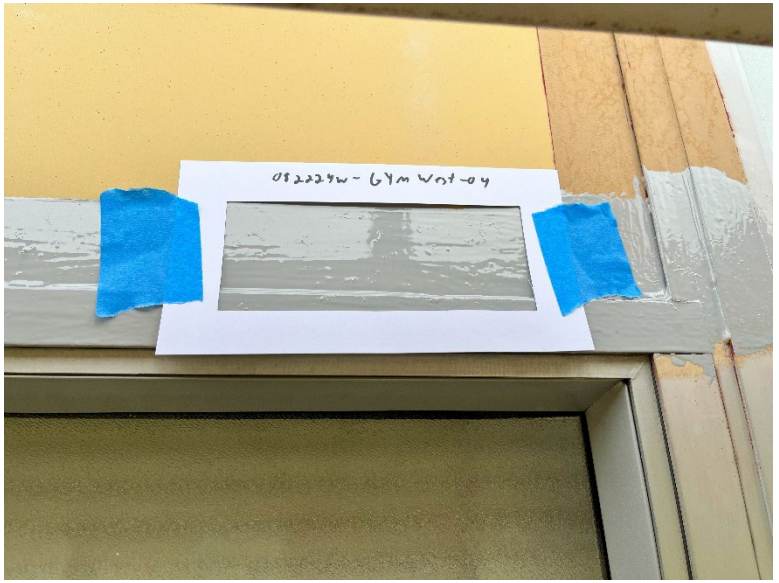
Sample 082224W-GYM West-01 was collected from the cured epoxy surface.



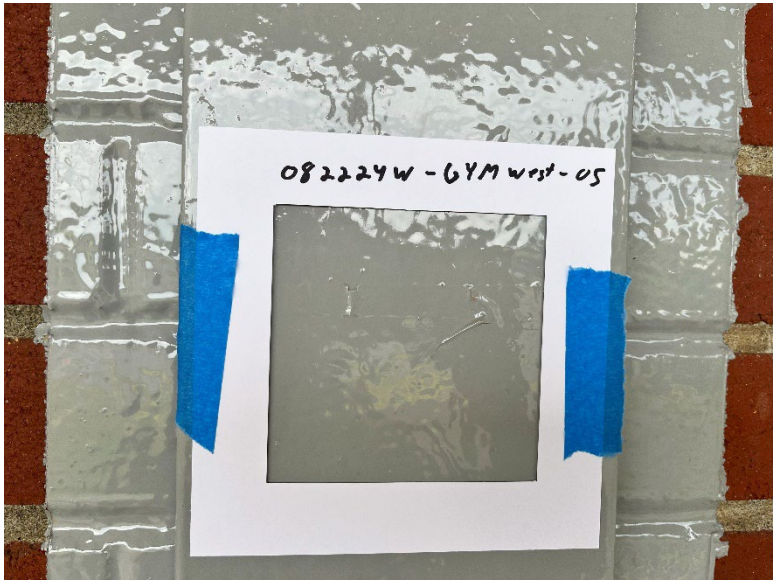
Sample 082224W-GYM West-02 was collected from the cured epoxy surface.



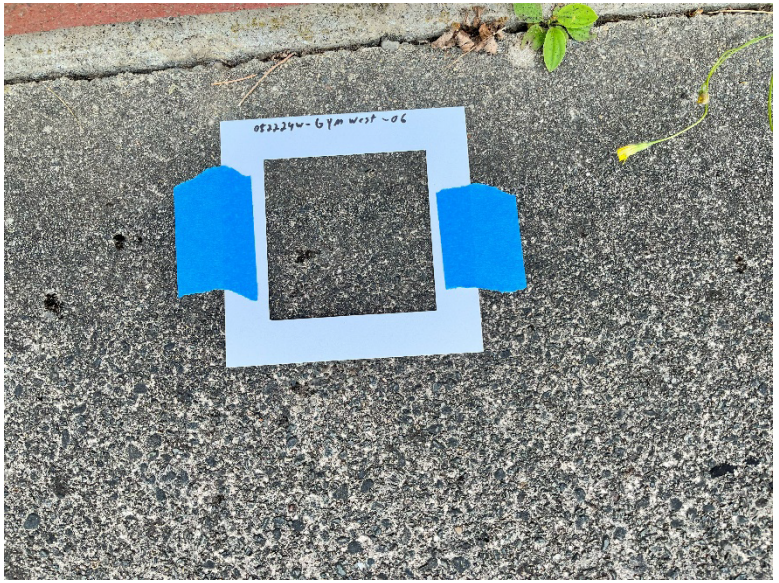
Sample 082224W-GYM West-03 was collected from the cured epoxy surface.



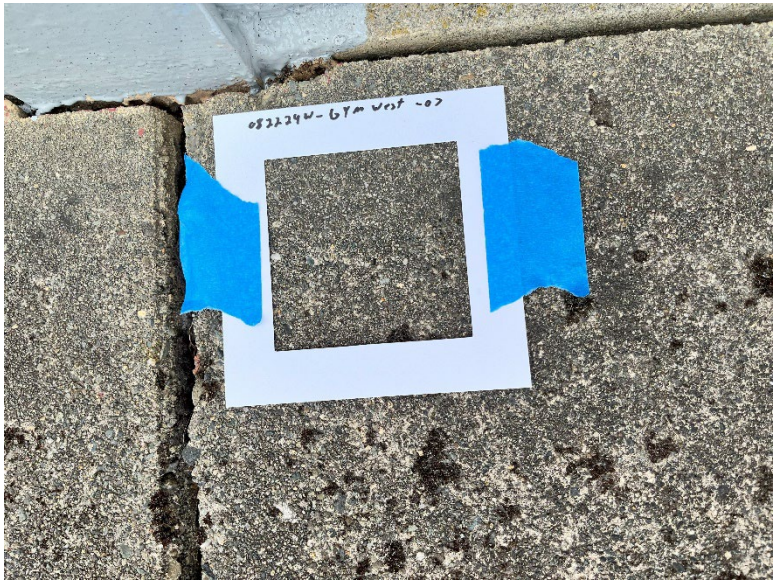
Sample 082224W-GYM West-04 was collected from the cured epoxy surface.



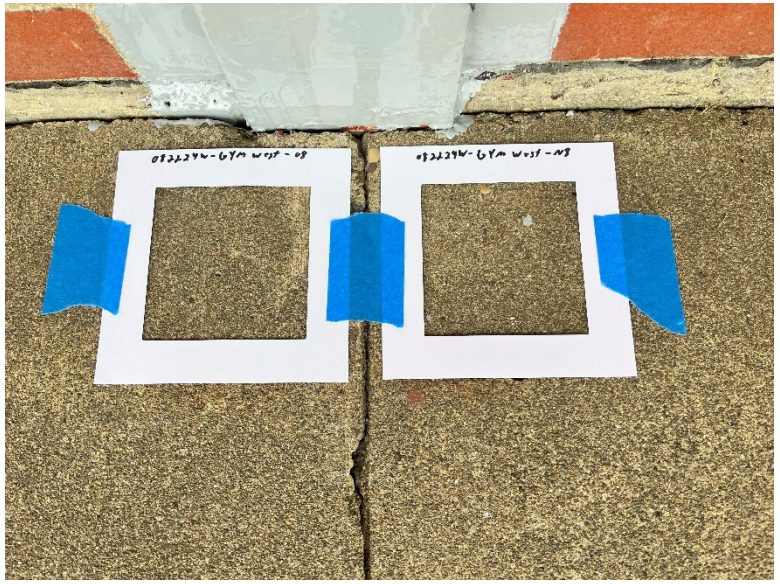
Sample 082224W-GYM West-05 was collected from the cured epoxy surface.



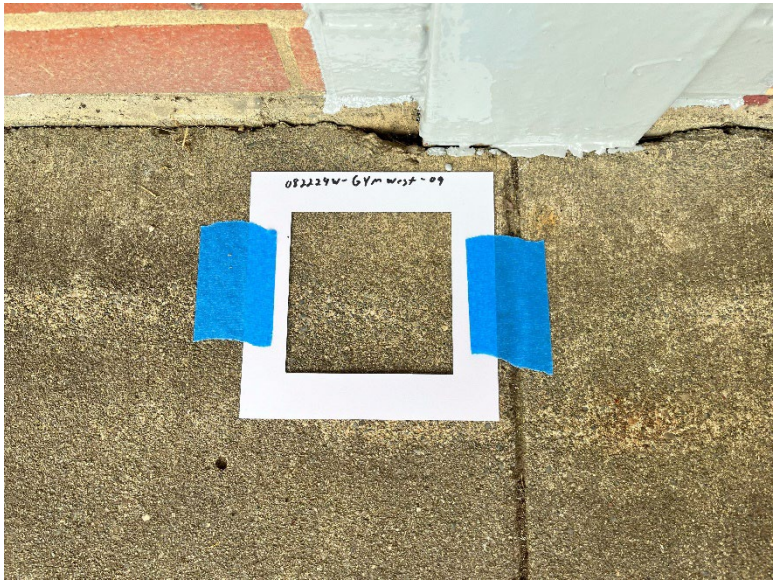
Sample 082224W-GYM West-06 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-GYM West-07 was collected from the concrete sidewalk following polyethylene sheeting removal.



The duplicate sample 082224W-GYM West-N8 was collected adjacent to sample 082224W-GYM West-08.



Sample 082224W-GYM West-09 was collected from the concrete sidewalk following polyethylene sheeting removal.



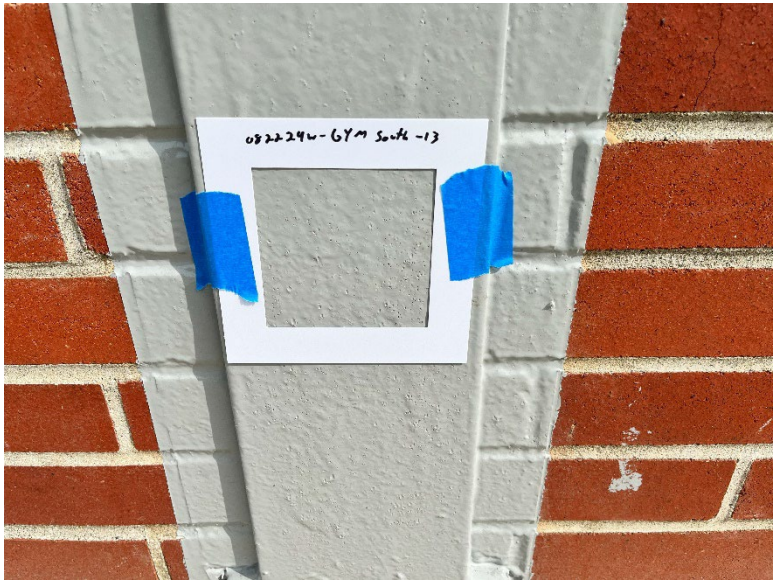
Sample 082224W-GYM West-10 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-GYM South-11 was collected from the cured epoxy surface.



Sample 082224W-GYM South-12 was collected from the cured epoxy surface.



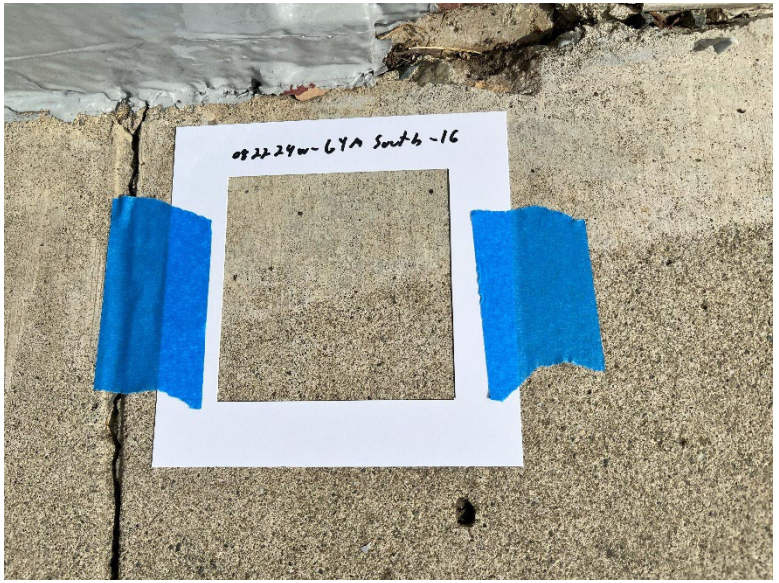
Sample 082224W-GYM South-13 was collected from the cured epoxy surface.



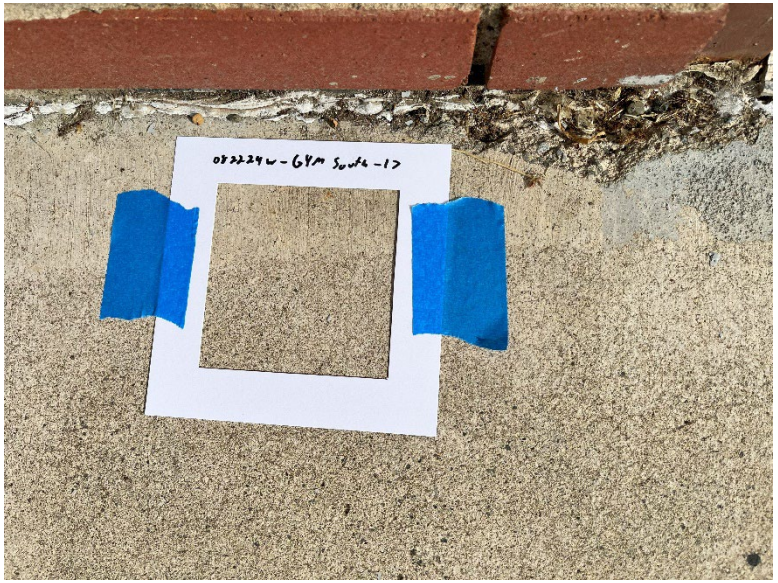
The duplicate sample 082224W-GYM South-N8 was collected adjacent to sample 082224W-GYM South-14.



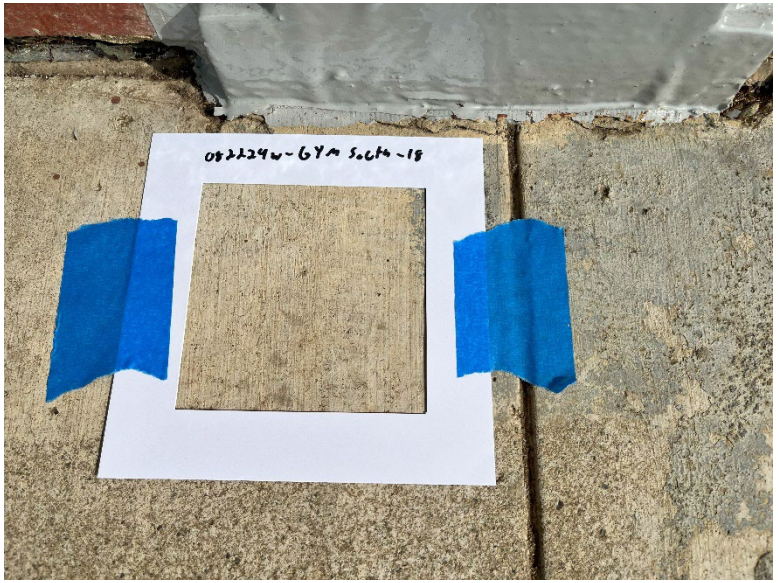
Sample 082224W-GYM South-15 was collected from the cured epoxy surface.



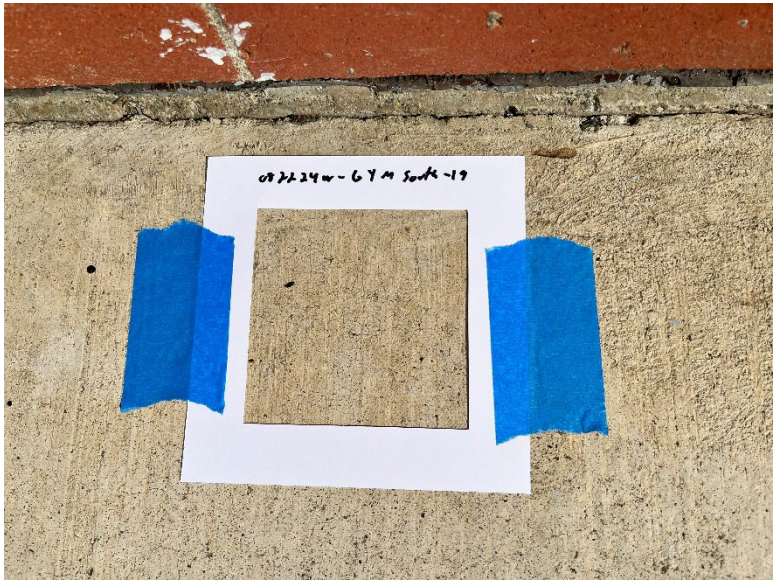
Sample 082224W-GYM South-16 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W- GYM South-17 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-GYM South-18 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W- GYM South-19 was collected from the concrete sidewalk following polyethylene sheeting removal.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

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JOB DESCRIPTION

Monroe SD Sky Valley
200-74850-1

JOB NUMBER

200-74850-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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8/27/2024 2:33:04 PM

Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 17
QC Sample Results 18
QC Association Summary 20
Lab Chronicle 22
Certification Summary 26
Method Summary 27
Sample Summary 28
Chain of Custody 29
Receipt Checklists 32

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74850-1 — Eurofins Burlington

Job Narrative
200-74850-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/23/2024 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions
The chain-of-custody includes sample 082224W-GYM-N9; this sample was not received by the lab.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM WEST-01 — Lab Sample ID: 200-74850-1

No Detections.

Client Sample ID: 082224W-GYM WEST-02 — Lab Sample ID: 200-74850-2

No Detections.

Client Sample ID: 082224W-GYM WEST-03 — Lab Sample ID: 200-74850-3

No Detections.

Client Sample ID: 082224W-GYM WEST-04 — Lab Sample ID: 200-74850-4

No Detections.

Client Sample ID: 082224W-GYM WEST-05 — Lab Sample ID: 200-74850-5

No Detections.

Client Sample ID: 082224W-GYM WEST-06 — Lab Sample ID: 200-74850-6

No Detections.

Client Sample ID: 082224W-GYM WEST-07 — Lab Sample ID: 200-74850-7

No Detections.

Client Sample ID: 082224W-GYM WEST-08 — Lab Sample ID: 200-74850-8

No Detections.

Client Sample ID: 082224W-GYM WEST-N8 — Lab Sample ID: 200-74850-9

No Detections.

Client Sample ID: 082224W-GYM WEST-09 — Lab Sample ID: 200-74850-10

No Detections.

Client Sample ID: 082224W-GYM WEST-10 — Lab Sample ID: 200-74850-11

No Detections.

Client Sample ID: 082224W-GYM SOUTH-11 — Lab Sample ID: 200-74850-12

No Detections.

Client Sample ID: 082224W-GYM SOUTH-12 — Lab Sample ID: 200-74850-13

No Detections.

Client Sample ID: 082224W-GYM SOUTH-13 — Lab Sample ID: 200-74850-14

No Detections.

Client Sample ID: 082224W-GYM SOUTH-14 — Lab Sample ID: 200-74850-15

No Detections.

Client Sample ID: 082224W-GYM SOUTH-N8 — Lab Sample ID: 200-74850-16

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM SOUTH-15 — Lab Sample ID: 200-74850-17

No Detections.

Client Sample ID: 082224W-GYM SOUTH-16 — Lab Sample ID: 200-74850-18

No Detections.

Client Sample ID: 082224W-GYM SOUTH-17 — Lab Sample ID: 200-74850-19

No Detections.

Client Sample ID: 082224W-GYM SOUTH-18 — Lab Sample ID: 200-74850-20

No Detections.

Client Sample ID: 082224W-GYM-SOUTH-19 — Lab Sample ID: 200-74850-21

No Detections.

Client Sample ID: 082224W-GYM-N7 — Lab Sample ID: 200-74850-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM WEST-01

Lab Sample ID: 200-74850-1
Matrix: Wipe
Date Collected: 08/22/24 08:30
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*57 - 173*	*08/26/24 12:22*	*08/26/24 17:47*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 171*	*08/26/24 12:22*	*08/26/24 17:47*	*1*

Client Sample ID: 082224W-GYM WEST-02

Lab Sample ID: 200-74850-2
Matrix: Wipe
Date Collected: 08/22/24 08:35
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*57 - 173*	*08/26/24 12:22*	*08/26/24 18:04*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/26/24 12:22*	*08/26/24 18:04*	*1*

Client Sample ID: 082224W-GYM WEST-03

Lab Sample ID: 200-74850-3
Matrix: Wipe
Date Collected: 08/22/24 08:49
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:22	1

Client Sample ID: 082224W-GYM WEST-03

Lab Sample ID: 200-74850-3

Date Collected: 08/22/24 08:49
Matrix: Wipe
Date Received: 08/23/24 09:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*57 - 173*	*08/26/24 12:22*	*08/26/24 18:22*	*1*
DCB Decachlorobiphenyl	*86*		*59 - 171*	*08/26/24 12:22*	*08/26/24 18:22*	*1*

Client Sample ID: 082224W-GYM WEST-04

Lab Sample ID: 200-74850-4

Date Collected: 08/22/24 08:52
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*57 - 173*	*08/26/24 12:22*	*08/26/24 18:39*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 171*	*08/26/24 12:22*	*08/26/24 18:39*	*1*

Client Sample ID: 082224W-GYM WEST-05

Lab Sample ID: 200-74850-5

Date Collected: 08/22/24 08:54
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*57 - 173*	*08/26/24 12:22*	*08/26/24 18:57*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 171*	*08/26/24 12:22*	*08/26/24 18:57*	*1*

Client Sample ID: 082224W-GYM WEST-06

Lab Sample ID: 200-74850-6

Date Collected: 08/22/24 09:10
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1

Client Sample ID: 082224W-GYM WEST-06

Lab Sample ID: 200-74850-6

Date Collected: 08/22/24 09:10
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/26/24 12:22*	*08/26/24 19:14*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/26/24 12:22*	*08/26/24 19:14*	*1*

Client Sample ID: 082224W-GYM WEST-07

Lab Sample ID: 200-74850-7

Date Collected: 08/22/24 09:12
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/26/24 12:22*	*08/26/24 19:32*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/26/24 12:22*	*08/26/24 19:32*	*1*

Client Sample ID: 082224W-GYM WEST-08

Lab Sample ID: 200-74850-8

Date Collected: 08/22/24 09:14
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*57 - 173*	*08/26/24 12:22*	*08/26/24 19:50*	*1*
DCB Decachlorobiphenyl	*92*		*59 - 171*	*08/26/24 12:22*	*08/26/24 19:50*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM WEST-N8

Lab Sample ID: 200-74850-9

Date Collected: 08/22/24 09:16
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/26/24 12:22*	*08/26/24 20:07*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/26/24 12:22*	*08/26/24 20:07*	*1*

Client Sample ID: 082224W-GYM WEST-09

Lab Sample ID: 200-74850-10

Date Collected: 08/22/24 09:18
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*57 - 173*	*08/26/24 12:22*	*08/26/24 20:25*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/26/24 12:22*	*08/26/24 20:25*	*1*

Client Sample ID: 082224W-GYM WEST-10

Lab Sample ID: 200-74850-11

Date Collected: 08/22/24 09:20
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 20:42	1

Client Sample ID: 082224W-GYM WEST-10

Lab Sample ID: 200-74850-11

Date Collected: 08/22/24 09:20
Matrix: Wipe
Date Received: 08/23/24 09:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*57 - 173*	*08/26/24 12:22*	*08/26/24 20:42*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 171*	*08/26/24 12:22*	*08/26/24 20:42*	*1*

Client Sample ID: 082224W-GYM SOUTH-11

Lab Sample ID: 200-74850-12

Date Collected: 08/22/24 09:52
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/26/24 12:22*	*08/26/24 21:00*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/26/24 12:22*	*08/26/24 21:00*	*1*

Client Sample ID: 082224W-GYM SOUTH-12

Lab Sample ID: 200-74850-13

Date Collected: 08/22/24 09:54
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*57 - 173*	*08/26/24 12:22*	*08/26/24 21:18*	*1*
DCB Decachlorobiphenyl	*88*		*59 - 171*	*08/26/24 12:22*	*08/26/24 21:18*	*1*

Client Sample ID: 082224W-GYM SOUTH-13

Lab Sample ID: 200-74850-14

Date Collected: 08/22/24 09:56
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1

Client Sample ID: 082224W-GYM SOUTH-13

Lab Sample ID: 200-74850-14
Date Collected: 08/22/24 09:56
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/26/24 12:22*	*08/26/24 22:45*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 171*	*08/26/24 12:22*	*08/26/24 22:45*	*1*

Client Sample ID: 082224W-GYM SOUTH-14

Lab Sample ID: 200-74850-15
Date Collected: 08/22/24 10:02
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*57 - 173*	*08/26/24 12:22*	*08/26/24 23:03*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 171*	*08/26/24 12:22*	*08/26/24 23:03*	*1*

Client Sample ID: 082224W-GYM SOUTH-N8

Lab Sample ID: 200-74850-16
Date Collected: 08/22/24 10:04
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*57 - 173*	*08/26/24 12:22*	*08/26/24 23:21*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/26/24 12:22*	*08/26/24 23:21*	*1*

Client Sample ID: 082224W-GYM SOUTH-15

Lab Sample ID: 200-74850-17

Date Collected: 08/22/24 10:06
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/26/24 12:22*	*08/26/24 23:38*	*1*
DCB Decachlorobiphenyl	*95*		*59 - 171*	*08/26/24 12:22*	*08/26/24 23:38*	*1*

Client Sample ID: 082224W-GYM SOUTH-16

Lab Sample ID: 200-74850-18

Date Collected: 08/22/24 10:19
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*57 - 173*	*08/26/24 12:22*	*08/26/24 23:56*	*1*
DCB Decachlorobiphenyl	*92*		*59 - 171*	*08/26/24 12:22*	*08/26/24 23:56*	*1*

Client Sample ID: 082224W-GYM SOUTH-17

Lab Sample ID: 200-74850-19

Date Collected: 08/22/24 10:21
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:13	1

Client Sample ID: 082224W-GYM SOUTH-17

Lab Sample ID: 200-74850-19

Date Collected: 08/22/24 10:21
Matrix: Wipe
Date Received: 08/23/24 09:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*57 - 173*	*08/26/24 12:22*	*08/27/24 00:13*	*1*
DCB Decachlorobiphenyl	*92*		*59 - 171*	*08/26/24 12:22*	*08/27/24 00:13*	*1*

Client Sample ID: 082224W-GYM SOUTH-18

Lab Sample ID: 200-74850-20

Date Collected: 08/22/24 10:23
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/27/24 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*57 - 173*	*08/26/24 12:22*	*08/27/24 00:31*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 171*	*08/26/24 12:22*	*08/27/24 00:31*	*1*

Client Sample ID: 082224W-GYM-SOUTH-19

Lab Sample ID: 200-74850-21

Date Collected: 08/22/24 10:25
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*57 - 173*	*08/26/24 12:29*	*08/26/24 18:11*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 171*	*08/26/24 12:29*	*08/26/24 18:11*	*1*

Client Sample ID: 082224W-GYM-N7

Lab Sample ID: 200-74850-22

Date Collected: 08/22/24 10:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM-N7
Date Collected: 08/22/24 10:30
Date Received: 08/23/24 09:00

Lab Sample ID: 200-74850-22
Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*57 - 173*	*08/26/24 12:29*	*08/26/24 18:28*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 171*	*08/26/24 12:29*	*08/26/24 18:28*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(57-173)	(59-171)										
200-74850-1	082224W-GYM WEST-01	71	88										
200-74850-2	082224W-GYM WEST-02	73	90										
200-74850-3	082224W-GYM WEST-03	70	86										
200-74850-4	082224W-GYM WEST-04	69	84										
200-74850-5	082224W-GYM WEST-05	68	87										
200-74850-6	082224W-GYM WEST-06	75	90										
200-74850-7	082224W-GYM WEST-07	75	90										
200-74850-8	082224W-GYM WEST-08	78	92										
200-74850-9	082224W-GYM WEST-N8	76	91										
200-74850-10	082224W-GYM WEST-09	77	91										
200-74850-11	082224W-GYM WEST-10	72	88										
200-74850-12	082224W-GYM SOUTH-11	75	90										
200-74850-13	082224W-GYM SOUTH-12	71	88										
200-74850-14	082224W-GYM SOUTH-13	76	93										
200-74850-15	082224W-GYM SOUTH-14	77	93										
200-74850-16	082224W-GYM SOUTH-N8	80	94										
200-74850-17	082224W-GYM SOUTH-15	79	95										
200-74850-18	082224W-GYM SOUTH-16	73	92										
200-74850-19	082224W-GYM SOUTH-17	78	92										
200-74850-20	082224W-GYM SOUTH-18	78	93										
200-74850-21	082224W-GYM-SOUTH-19	80	74										
200-74850-22	082224W-GYM-N7	80	74										
LCS 480-723086/2-A	Lab Control Sample	89	109										
LCS 480-723087/2-A	Lab Control Sample	93	84										
LCSD 480-723086/3-A	Lab Control Sample Dup	88	108										
LCSD 480-723087/3-A	Lab Control Sample Dup	95	85										
MB 480-723086/1-A	Method Blank	88	103										
MB 480-723087/1-A	Method Blank	95	84										

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-723086/1-A
Matrix: Wipe
Analysis Batch: 723098

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:22	08/26/24 16:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*57 - 173*	*08/26/24 12:22*	*08/26/24 16:54*	*1*
DCB Decachlorobiphenyl	*103*		*59 - 171*	*08/26/24 12:22*	*08/26/24 16:54*	*1*

Lab Sample ID: LCS 480-723086/2-A
Matrix: Wipe
Analysis Batch: 723098

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723086

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	19.6		ug/Wipe		98	54 - 182		
PCB-1260			20.0	19.0		ug/Wipe		95	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*57 - 173*
DCB Decachlorobiphenyl	*109*		*59 - 171*

Lab Sample ID: LCSD 480-723086/3-A
Matrix: Wipe
Analysis Batch: 723098

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 723086

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	19.3		ug/Wipe		97	54 - 182	1	50
PCB-1260			20.0	18.9		ug/Wipe		94	53 - 187	0	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*57 - 173*
DCB Decachlorobiphenyl	*108*		*59 - 171*

Lab Sample ID: MB 480-723087/1-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-723087/1-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*57 - 173*	*08/26/24 12:29*	*08/26/24 17:21*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 171*	*08/26/24 12:29*	*08/26/24 17:21*	*1*

Lab Sample ID: LCS 480-723087/2-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	16.0		ug/Wipe		80	54 - 182		
PCB-1260			20.0	17.0		ug/Wipe		85	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*57 - 173*
DCB Decachlorobiphenyl	*84*		*59 - 171*

Lab Sample ID: LCSD 480-723087/3-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	16.3		ug/Wipe		82	54 - 182	2	50
PCB-1260			20.0	17.3		ug/Wipe		86	53 - 187	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*57 - 173*
DCB Decachlorobiphenyl	*85*		*59 - 171*

GC Semi VOA

Prep Batch: 723086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74850-1	082224W-GYM WEST-01	Total/NA	Wipe	3550C	
200-74850-2	082224W-GYM WEST-02	Total/NA	Wipe	3550C	
200-74850-3	082224W-GYM WEST-03	Total/NA	Wipe	3550C	
200-74850-4	082224W-GYM WEST-04	Total/NA	Wipe	3550C	
200-74850-5	082224W-GYM WEST-05	Total/NA	Wipe	3550C	
200-74850-6	082224W-GYM WEST-06	Total/NA	Wipe	3550C	
200-74850-7	082224W-GYM WEST-07	Total/NA	Wipe	3550C	
200-74850-8	082224W-GYM WEST-08	Total/NA	Wipe	3550C	
200-74850-9	082224W-GYM WEST-N8	Total/NA	Wipe	3550C	
200-74850-10	082224W-GYM WEST-09	Total/NA	Wipe	3550C	
200-74850-11	082224W-GYM WEST-10	Total/NA	Wipe	3550C	
200-74850-12	082224W-GYM SOUTH-11	Total/NA	Wipe	3550C	
200-74850-13	082224W-GYM SOUTH-12	Total/NA	Wipe	3550C	
200-74850-14	082224W-GYM SOUTH-13	Total/NA	Wipe	3550C	
200-74850-15	082224W-GYM SOUTH-14	Total/NA	Wipe	3550C	
200-74850-16	082224W-GYM SOUTH-N8	Total/NA	Wipe	3550C	
200-74850-17	082224W-GYM SOUTH-15	Total/NA	Wipe	3550C	
200-74850-18	082224W-GYM SOUTH-16	Total/NA	Wipe	3550C	
200-74850-19	082224W-GYM SOUTH-17	Total/NA	Wipe	3550C	
200-74850-20	082224W-GYM SOUTH-18	Total/NA	Wipe	3550C	
MB 480-723086/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-723086/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-723086/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Prep Batch: 723087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74850-21	082224W-GYM-SOUTH-19	Total/NA	Wipe	3550C	
200-74850-22	082224W-GYM-N7	Total/NA	Wipe	3550C	
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 723096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74850-21	082224W-GYM-SOUTH-19	Total/NA	Wipe	8082A	723087
200-74850-22	082224W-GYM-N7	Total/NA	Wipe	8082A	723087
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	8082A	723087
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	8082A	723087
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	723087

Analysis Batch: 723098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74850-1	082224W-GYM WEST-01	Total/NA	Wipe	8082A	723086
200-74850-2	082224W-GYM WEST-02	Total/NA	Wipe	8082A	723086
200-74850-3	082224W-GYM WEST-03	Total/NA	Wipe	8082A	723086
200-74850-4	082224W-GYM WEST-04	Total/NA	Wipe	8082A	723086
200-74850-5	082224W-GYM WEST-05	Total/NA	Wipe	8082A	723086
200-74850-6	082224W-GYM WEST-06	Total/NA	Wipe	8082A	723086
200-74850-7	082224W-GYM WEST-07	Total/NA	Wipe	8082A	723086
200-74850-8	082224W-GYM WEST-08	Total/NA	Wipe	8082A	723086
200-74850-9	082224W-GYM WEST-N8	Total/NA	Wipe	8082A	723086

GC Semi VOA (Continued)

Analysis Batch: 723098 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74850-10	082224W-GYM WEST-09	Total/NA	Wipe	8082A	723086
200-74850-11	082224W-GYM WEST-10	Total/NA	Wipe	8082A	723086
200-74850-12	082224W-GYM SOUTH-11	Total/NA	Wipe	8082A	723086
200-74850-13	082224W-GYM SOUTH-12	Total/NA	Wipe	8082A	723086
200-74850-14	082224W-GYM SOUTH-13	Total/NA	Wipe	8082A	723086
200-74850-15	082224W-GYM SOUTH-14	Total/NA	Wipe	8082A	723086
200-74850-16	082224W-GYM SOUTH-N8	Total/NA	Wipe	8082A	723086
200-74850-17	082224W-GYM SOUTH-15	Total/NA	Wipe	8082A	723086
200-74850-18	082224W-GYM SOUTH-16	Total/NA	Wipe	8082A	723086
200-74850-19	082224W-GYM SOUTH-17	Total/NA	Wipe	8082A	723086
200-74850-20	082224W-GYM SOUTH-18	Total/NA	Wipe	8082A	723086
MB 480-723086/1-A	Method Blank	Total/NA	Wipe	8082A	723086
LCS 480-723086/2-A	Lab Control Sample	Total/NA	Wipe	8082A	723086
LCSD 480-723086/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	723086

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM WEST-01
Lab Sample ID: 200-74850-1
Date Collected: 08/22/24 08:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 17:47

Client Sample ID: 082224W-GYM WEST-02
Lab Sample ID: 200-74850-2
Date Collected: 08/22/24 08:35
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 18:04

Client Sample ID: 082224W-GYM WEST-03
Lab Sample ID: 200-74850-3
Date Collected: 08/22/24 08:49
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 18:22

Client Sample ID: 082224W-GYM WEST-04
Lab Sample ID: 200-74850-4
Date Collected: 08/22/24 08:52
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 18:39

Client Sample ID: 082224W-GYM WEST-05
Lab Sample ID: 200-74850-5
Date Collected: 08/22/24 08:54
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 18:57

Client Sample ID: 082224W-GYM WEST-06
Lab Sample ID: 200-74850-6
Date Collected: 08/22/24 09:10
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 19:14

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM WEST-07
Lab Sample ID: 200-74850-7
Date Collected: 08/22/24 09:12
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 19:32

Client Sample ID: 082224W-GYM WEST-08
Lab Sample ID: 200-74850-8
Date Collected: 08/22/24 09:14
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 19:50

Client Sample ID: 082224W-GYM WEST-N8
Lab Sample ID: 200-74850-9
Date Collected: 08/22/24 09:16
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 20:07

Client Sample ID: 082224W-GYM WEST-09
Lab Sample ID: 200-74850-10
Date Collected: 08/22/24 09:18
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 20:25

Client Sample ID: 082224W-GYM WEST-10
Lab Sample ID: 200-74850-11
Date Collected: 08/22/24 09:20
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 20:42

Client Sample ID: 082224W-GYM SOUTH-11
Lab Sample ID: 200-74850-12
Date Collected: 08/22/24 09:52
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 21:00

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM SOUTH-12
Lab Sample ID: 200-74850-13
Date Collected: 08/22/24 09:54
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 21:18

Client Sample ID: 082224W-GYM SOUTH-13
Lab Sample ID: 200-74850-14
Date Collected: 08/22/24 09:56
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 22:45

Client Sample ID: 082224W-GYM SOUTH-14
Lab Sample ID: 200-74850-15
Date Collected: 08/22/24 10:02
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 23:03

Client Sample ID: 082224W-GYM SOUTH-N8
Lab Sample ID: 200-74850-16
Date Collected: 08/22/24 10:04
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 23:21

Client Sample ID: 082224W-GYM SOUTH-15
Lab Sample ID: 200-74850-17
Date Collected: 08/22/24 10:06
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 23:38

Client Sample ID: 082224W-GYM SOUTH-16
Lab Sample ID: 200-74850-18
Date Collected: 08/22/24 10:19
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/26/24 23:56

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Client Sample ID: 082224W-GYM SOUTH-17
Lab Sample ID: 200-74850-19

Date Collected: 08/22/24 10:21
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/27/24 00:13

Client Sample ID: 082224W-GYM SOUTH-18
Lab Sample ID: 200-74850-20

Date Collected: 08/22/24 10:23
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723086	DP	EET BUF	08/26/24 12:22
Total/NA	Analysis	8082A		1	723098	W1T	EET BUF	08/27/24 00:31

Client Sample ID: 082224W-GYM-SOUTH-19
Lab Sample ID: 200-74850-21

Date Collected: 08/22/24 10:25
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 18:11

Client Sample ID: 082224W-GYM-N7
Lab Sample ID: 200-74850-22

Date Collected: 08/22/24 10:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 18:28

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74850-1
SDG: 200-74850-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74850-1	082224W-GYM WEST-01	Wipe	08/22/24 08:30	08/23/24 09:00
200-74850-2	082224W-GYM WEST-02	Wipe	08/22/24 08:35	08/23/24 09:00
200-74850-3	082224W-GYM WEST-03	Wipe	08/22/24 08:49	08/23/24 09:00
200-74850-4	082224W-GYM WEST-04	Wipe	08/22/24 08:52	08/23/24 09:00
200-74850-5	082224W-GYM WEST-05	Wipe	08/22/24 08:54	08/23/24 09:00
200-74850-6	082224W-GYM WEST-06	Wipe	08/22/24 09:10	08/23/24 09:00
200-74850-7	082224W-GYM WEST-07	Wipe	08/22/24 09:12	08/23/24 09:00
200-74850-8	082224W-GYM WEST-08	Wipe	08/22/24 09:14	08/23/24 09:00
200-74850-9	082224W-GYM WEST-N8	Wipe	08/22/24 09:16	08/23/24 09:00
200-74850-10	082224W-GYM WEST-09	Wipe	08/22/24 09:18	08/23/24 09:00
200-74850-11	082224W-GYM WEST-10	Wipe	08/22/24 09:20	08/23/24 09:00
200-74850-12	082224W-GYM SOUTH-11	Wipe	08/22/24 09:52	08/23/24 09:00
200-74850-13	082224W-GYM SOUTH-12	Wipe	08/22/24 09:54	08/23/24 09:00
200-74850-14	082224W-GYM SOUTH-13	Wipe	08/22/24 09:56	08/23/24 09:00
200-74850-15	082224W-GYM SOUTH-14	Wipe	08/22/24 10:02	08/23/24 09:00
200-74850-16	082224W-GYM SOUTH-N8	Wipe	08/22/24 10:04	08/23/24 09:00
200-74850-17	082224W-GYM SOUTH-15	Wipe	08/22/24 10:06	08/23/24 09:00
200-74850-18	082224W-GYM SOUTH-16	Wipe	08/22/24 10:19	08/23/24 09:00
200-74850-19	082224W-GYM SOUTH-17	Wipe	08/22/24 10:21	08/23/24 09:00
200-74850-20	082224W-GYM SOUTH-18	Wipe	08/22/24 10:23	08/23/24 09:00
200-74850-21	082224W-GYM-SOUTH-19	Wipe	08/22/24 10:25	08/23/24 09:00
200-74850-22	082224W-GYM-N7	Wipe	08/22/24 10:30	08/23/24 09:00

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.1
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: Page 1 of 4 1 of 3
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Gym Exterior	SSOW#:			

Analysis Requested

Preservation Codes: N - None

200-74850 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of conta	Special Instructions/Note:
			Preservation Code:				N		Other:
082224w-GYM west-01	8-22-24	8:30		Wipe			1		On epoxy
082224w-GYM west-02		8:35		Wipe			1		epoxy
082224w-GYM West-03		8:49		Wipe			1		epoxy
082224w-GYM west-04		8:52		Wipe			1		epoxy
082224w-GYM West-05		8:54		Wipe			1		epoxy
082224w-GYM west-06		9:10		Wipe			1		On concrete
082224w-GYM west-07		9:12		Wipe			1		concrete
082224w-GYM west-08		9:14		Wipe			1		concrete
082224w-GYM west-NS		9:16		Wipe			1		concrete
082224w-GYM west-09		9:18		Wipe			1		concrete
082224w-GYM west-10		9:20		Wipe			1		concrete

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All samples 100 cm²

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-22-24 12:00	fulcrum		8/23/24 900	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: S.O # 1116

Ver: 04/02/2024

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.2
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Gym Exterior	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082224W-GYM South-11	8-22-24	9:52		Wipe			/		On epoxy
082224W-GYM South-12		9:54		Wipe			/		epoxy
082224W-GYM South-13		9:56		Wipe			/		epoxy
082224W-GYM South-14		10:02		Wipe			/		epoxy
082224W-GYM South-N8		10:04		Wipe			/		epoxy
082224W-GYM South-15		10:06		Wipe			/		epoxy
082224W-GYM South-16		10:19		Wipe			/		On Concrete
082224W-GYM South-17		10:21		Wipe			/		Concrete
082224W-GYM South-18		10:23		Wipe			/		Concrete
082224W-GYM South-19		10:25		Wipe			/		Concrete
082224W-GYM ~~South~~ -N7		10:30		Wipe			/		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements: All samples 1000 cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Tarell Manjarrez	Date/Time: 8-22-24 12:00	Company: Fulcrum	Received by: See pg 1
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

8/27/2024

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: Page 3 ~~of~~ 3 of 3
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC GYM Exterior	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N		
082224w-GYM-N9	8-22-24	11:30		Wipe			1		
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					

Preservation Codes: N - None

Other:

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Tarell Manjarrez	8-22-24	Fulcrum	See pg 1		
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

8/27/2024

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74850-1
SDG Number: 200-74850-1

Login Number: 74850
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Results Memorandum

Date	August 28, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc.
	Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating**
	Sky Valley Education Center
	351 Short Columbia Street in Monroe, Washington
RE	**Exterior Work Area: POD/Library Building, West Side**
Findings	**No Detected PCBs in Wipe Samples**

On August 28, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, Re: *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

The exterior west POD/Library Building work area preparation began on August 19, 2024, by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extend beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

Exterior work included in this clearance inspection included:

- POD/Library Building – The west side work area included three window units associated with POD/Library classrooms 1, 2, and 3. Each window is about 18 linear feet (about 54 linear feet total), and the work area totaled about 650 square feet. Two wipe samples were collected from new cured epoxy surfaces and three samples were collected from the concrete sidewalk in the work area.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 22, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and concrete sidewalk.

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. Five exterior work area samples, including two from cured epoxy surfaces and three from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. One duplicate wipe sample was also collected. Two quality control samples, one field blank and one laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 10-centimeter by 10-centimeter paper template (100-square centimeters in interior area) was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74851-1 to the project samples. Samples were received at 5 degrees Celsius, below the above the method defined limit of 6 degrees Celsius. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Table 1: Results Summary – Exterior Locations

Sample No.	Type	PCBs (µg/100 cm^2)
082224W-POD SW-01	Wipe, New Cured Epoxy (Classroom 1)	< 1.0
082224W-POD SW-02	Wipe, New Cured Epoxy (Classroom 3)	< 1.0
082224W-POD SW-N8	Duplicate of 082224W-ADM West-02	< 1.0
082224W-POD SW-03	Wipe, Concrete Sidewalk	< 1.0
082224W-POD SW-04	Wipe, Concrete Sidewalk	< 1.0
082224W-POD SW-05	Wipe, Concrete Sidewalk	< 1.0
082224W-POD SW-N7	Field Blank	< 1.0
082224W-POD SW-N9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

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Yakima, Washington 98901
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No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm^2 and no Aroclor was detected at its associated method detection limit (MDL).

All results were below the exterior clearance criteria of 10 µg/100 cm^2.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



The POD/Library work area was marked with caution tape. Polyethylene sheeting had been moved prior to sample collection.



Typical recoating on exterior POD/Library classrooms applied epoxy to the entire surface to provide color matching.



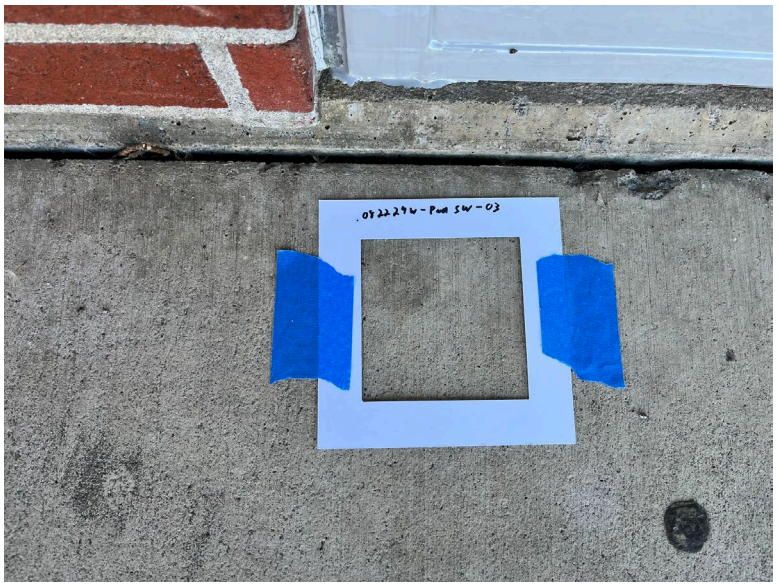
Sample 082224W-POD SW-01 was collected from the new cured epoxy on POD/Library classroom 1.



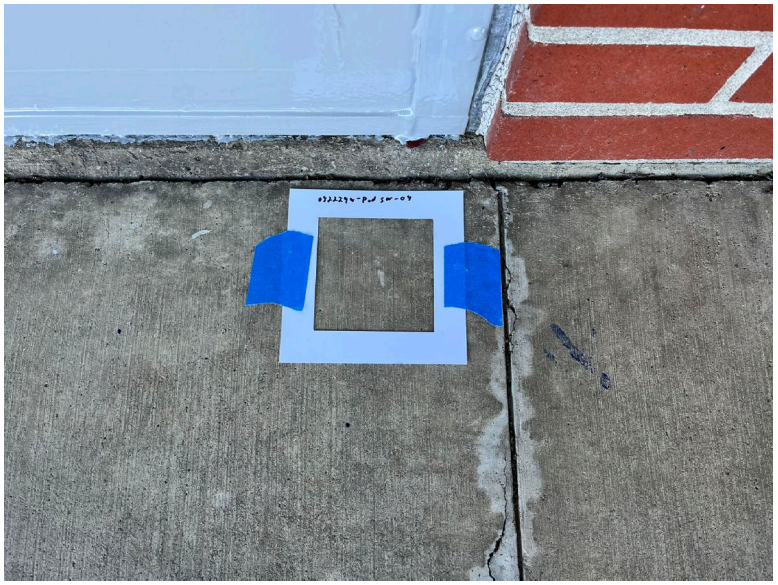
Samples were collected on the new cured epoxy on POD/Library classroom 3.



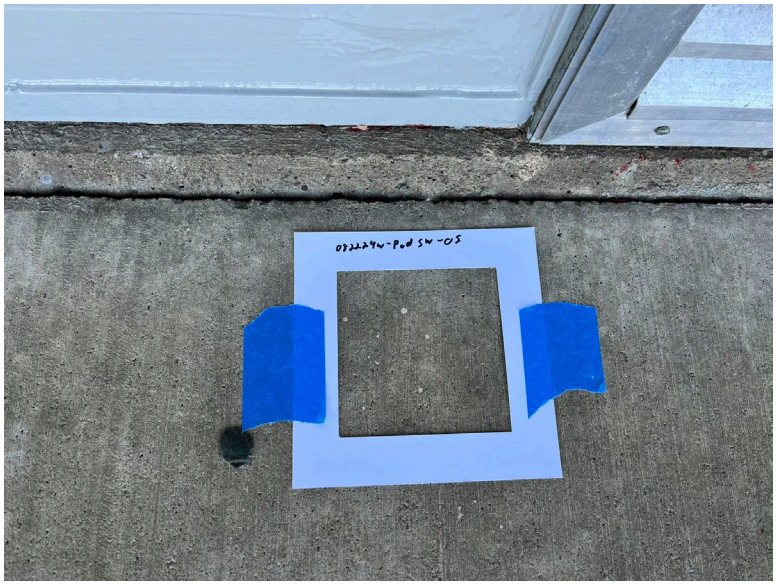
Sample 082224W-POD SW-02 and 082224W-POD SW-N8 (a duplicate) were collected from new cured epoxy on classroom 3.



Sample 082224W-POD SW-03 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-POD SW-04 was collected from the concrete sidewalk following polyethylene sheeting removal.



Sample 082224W-POD SW-05 was collected from the concrete sidewalk following polyethylene sheeting removal.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 8/27/2024 2:42:29 PM

JOB DESCRIPTION

Monroe SD Sky Valley
200-74851-1

JOB NUMBER

200-74851-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 10
QC Sample Results 11
QC Association Summary 12
Lab Chronicle 13
Certification Summary 15
Method Summary 16
Sample Summary 17
Chain of Custody 18
Receipt Checklists 19

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74851-1 — Eurofins Burlington

Job Narrative
200-74851-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/23/2024 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Client Sample ID: 082224W-POD SW-01 — Lab Sample ID: 200-74851-1

No Detections.

Client Sample ID: 082224W-POD SW-02 — Lab Sample ID: 200-74851-2

No Detections.

Client Sample ID: 082224W-POD SW-N8 — Lab Sample ID: 200-74851-3

No Detections.

Client Sample ID: 082224W-POD SW-03 — Lab Sample ID: 200-74851-4

No Detections.

Client Sample ID: 082224W-POD SW-04 — Lab Sample ID: 200-74851-5

No Detections.

Client Sample ID: 082224W-POD SW-05 — Lab Sample ID: 200-74851-6

No Detections.

Client Sample ID: 082224W-POD SW-N7 — Lab Sample ID: 200-74851-7

No Detections.

Client Sample ID: 082224W-POD SW-N9 — Lab Sample ID: 200-74851-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 082224W-POD SW-01

Lab Sample ID: 200-74851-1
Matrix: Wipe
Date Collected: 08/22/24 10:51
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/26/24 12:29*	*08/26/24 18:45*	*1*
DCB Decachlorobiphenyl	*73*		*59 - 171*	*08/26/24 12:29*	*08/26/24 18:45*	*1*

Client Sample ID: 082224W-POD SW-02

Lab Sample ID: 200-74851-2
Matrix: Wipe
Date Collected: 08/22/24 10:53
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/26/24 12:29*	*08/26/24 19:01*	*1*
DCB Decachlorobiphenyl	*77*		*59 - 171*	*08/26/24 12:29*	*08/26/24 19:01*	*1*

Client Sample ID: 082224W-POD SW-N8

Lab Sample ID: 200-74851-3
Matrix: Wipe
Date Collected: 08/22/24 10:55
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:18	1

Client Sample ID: 082224W-POD SW-N8

Lab Sample ID: 200-74851-3

Date Collected: 08/22/24 10:55
Matrix: Wipe
Date Received: 08/23/24 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*85*		*57 - 173*	*08/26/24 12:29*	*08/26/24 19:18*	*1*
DCB Decachlorobiphenyl	*76*		*59 - 171*	*08/26/24 12:29*	*08/26/24 19:18*	*1*

Client Sample ID: 082224W-POD SW-03

Lab Sample ID: 200-74851-4

Date Collected: 08/22/24 11:02
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*82*		*57 - 173*	*08/26/24 12:29*	*08/26/24 19:35*	*1*
DCB Decachlorobiphenyl	*74*		*59 - 171*	*08/26/24 12:29*	*08/26/24 19:35*	*1*

Client Sample ID: 082224W-POD SW-04

Lab Sample ID: 200-74851-5

Date Collected: 08/22/24 11:04
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/26/24 12:29*	*08/26/24 19:52*	*1*
DCB Decachlorobiphenyl	*78*		*59 - 171*	*08/26/24 12:29*	*08/26/24 19:52*	*1*

Client Sample ID: 082224W-POD SW-05

Lab Sample ID: 200-74851-6

Date Collected: 08/22/24 11:06
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1

Client Sample ID: 082224W-POD SW-05

Lab Sample ID: 200-74851-6
Date Collected: 08/22/24 11:06
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/26/24 12:29*	*08/26/24 20:08*	*1*
DCB Decachlorobiphenyl	*72*		*59 - 171*	*08/26/24 12:29*	*08/26/24 20:08*	*1*

Client Sample ID: 082224W-POD SW-N7

Lab Sample ID: 200-74851-7
Date Collected: 08/22/24 11:10
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*57 - 173*	*08/26/24 12:29*	*08/26/24 20:25*	*1*
DCB Decachlorobiphenyl	*75*		*59 - 171*	*08/26/24 12:29*	*08/26/24 20:25*	*1*

Client Sample ID: 082224W-POD SW-N9

Lab Sample ID: 200-74851-8
Date Collected: 08/22/24 11:30
Matrix: Wipe
Date Received: 08/23/24 09:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*57 - 173*	*08/26/24 12:29*	*08/26/24 20:42*	*1*
DCB Decachlorobiphenyl	*72*		*59 - 171*	*08/26/24 12:29*	*08/26/24 20:42*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(57-173)	(59-171)										
200-74851-1	082224W-POD SW-01	81	73										
200-74851-2	082224W-POD SW-02	81	77										
200-74851-3	082224W-POD SW-N8	85	76										
200-74851-4	082224W-POD SW-03	82	74										
200-74851-5	082224W-POD SW-04	86	78										
200-74851-6	082224W-POD SW-05	81	72										
200-74851-7	082224W-POD SW-N7	84	75										
200-74851-8	082224W-POD SW-N9	80	72										
LCS 480-723087/2-A	Lab Control Sample	93	84										
LCSD 480-723087/3-A	Lab Control Sample Dup	95	85										
MB 480-723087/1-A	Method Blank	95	84										

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-723087/1-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/26/24 12:29	08/26/24 17:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*57 - 173*	*08/26/24 12:29*	*08/26/24 17:21*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 171*	*08/26/24 12:29*	*08/26/24 17:21*	*1*

Lab Sample ID: LCS 480-723087/2-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	16.0		ug/Wipe		80	54 - 182		
PCB-1260			20.0	17.0		ug/Wipe		85	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*57 - 173*
DCB Decachlorobiphenyl	*84*		*59 - 171*

Lab Sample ID: LCSD 480-723087/3-A
Matrix: Wipe
Analysis Batch: 723096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 723087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	16.3		ug/Wipe		82	54 - 182	2	50
PCB-1260			20.0	17.3		ug/Wipe		86	53 - 187	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*57 - 173*
DCB Decachlorobiphenyl	*85*		*59 - 171*

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

GC Semi VOA

Prep Batch: 723087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74851-1	082224W-POD SW-01	Total/NA	Wipe	3550C	
200-74851-2	082224W-POD SW-02	Total/NA	Wipe	3550C	
200-74851-3	082224W-POD SW-N8	Total/NA	Wipe	3550C	
200-74851-4	082224W-POD SW-03	Total/NA	Wipe	3550C	
200-74851-5	082224W-POD SW-04	Total/NA	Wipe	3550C	
200-74851-6	082224W-POD SW-05	Total/NA	Wipe	3550C	
200-74851-7	082224W-POD SW-N7	Total/NA	Wipe	3550C	
200-74851-8	082224W-POD SW-N9	Total/NA	Wipe	3550C	
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 723096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74851-1	082224W-POD SW-01	Total/NA	Wipe	8082A	723087
200-74851-2	082224W-POD SW-02	Total/NA	Wipe	8082A	723087
200-74851-3	082224W-POD SW-N8	Total/NA	Wipe	8082A	723087
200-74851-4	082224W-POD SW-03	Total/NA	Wipe	8082A	723087
200-74851-5	082224W-POD SW-04	Total/NA	Wipe	8082A	723087
200-74851-6	082224W-POD SW-05	Total/NA	Wipe	8082A	723087
200-74851-7	082224W-POD SW-N7	Total/NA	Wipe	8082A	723087
200-74851-8	082224W-POD SW-N9	Total/NA	Wipe	8082A	723087
MB 480-723087/1-A	Method Blank	Total/NA	Wipe	8082A	723087
LCS 480-723087/2-A	Lab Control Sample	Total/NA	Wipe	8082A	723087
LCSD 480-723087/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	723087

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Client Sample ID: 082224W-POD SW-01
Lab Sample ID: 200-74851-1
Date Collected: 08/22/24 10:51
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 18:45

Client Sample ID: 082224W-POD SW-02
Lab Sample ID: 200-74851-2
Date Collected: 08/22/24 10:53
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 19:01

Client Sample ID: 082224W-POD SW-N8
Lab Sample ID: 200-74851-3
Date Collected: 08/22/24 10:55
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 19:18

Client Sample ID: 082224W-POD SW-03
Lab Sample ID: 200-74851-4
Date Collected: 08/22/24 11:02
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 19:35

Client Sample ID: 082224W-POD SW-04
Lab Sample ID: 200-74851-5
Date Collected: 08/22/24 11:04
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 19:52

Client Sample ID: 082224W-POD SW-05
Lab Sample ID: 200-74851-6
Date Collected: 08/22/24 11:06
Matrix: Wipe
Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 20:08

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Client Sample ID: 082224W-POD SW-N7

Lab Sample ID: 200-74851-7

Date Collected: 08/22/24 11:10

Matrix: Wipe

Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 20:25

Client Sample ID: 082224W-POD SW-N9

Lab Sample ID: 200-74851-8

Date Collected: 08/22/24 11:30

Matrix: Wipe

Date Received: 08/23/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723087	DP	EET BUF	08/26/24 12:29
Total/NA	Analysis	8082A		1	723096	H9RU	EET BUF	08/26/24 20:42

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74851-1
SDG: 200-74851-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74851-1	082224W-POD SW-01	Wipe	08/22/24 10:51	08/23/24 09:00
200-74851-2	082224W-POD SW-02	Wipe	08/22/24 10:53	08/23/24 09:00
200-74851-3	082224W-POD SW-N8	Wipe	08/22/24 10:55	08/23/24 09:00
200-74851-4	082224W-POD SW-03	Wipe	08/22/24 11:02	08/23/24 09:00
200-74851-5	082224W-POD SW-04	Wipe	08/22/24 11:04	08/23/24 09:00
200-74851-6	082224W-POD SW-05	Wipe	08/22/24 11:06	08/23/24 09:00
200-74851-7	082224W-POD SW-N7	Wipe	08/22/24 11:10	08/23/24 09:00
200-74851-8	082224W-POD SW-N9	Wipe	08/22/24 11:30	08/23/24 09:00

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.4
Client Contact: Tarell Manjarrez	Phone: 509-554-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 1 of 1~~ 1 of 1
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Pad Southwest Exterior	SSOW#:			

Analysis Requested

Preservation Codes: N - None

200-74851 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of co	Special Instructions/Note:
		Preservation Code:					N		
082224W-Pad SW-01		10:51		Wipe			1		On epoxy
082224W-Pad SW-02		10:53		Wipe			1		epoxy
082224W-Pad SW-N8		10:55		Wipe			1		epoxy
082224W-Pad SW-03		11:02		Wipe			1		On concrete
082224W-Pad SW-04		11:04		Wipe			1		concrete
082224W-Pad SW-05		11:06		Wipe			1		concrete
082224W-Pad SW-N7		11:10		Wipe			1		
082224W-Pad SW-N9		11:30		wipe			1		

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements: All samples 100 cm²

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Tarell Manjarrez	Date/Time: 8-22-24 12:00	Company: Fulcrum	Received by: [signature] Date/Time: 8/23/24 900 Company: TVA
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: S.O # 1JCE

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74851-1
SDG Number: 200-74851-1

Login Number: 74851
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Results Memorandum

Date	September 13, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Exterior Work Area: South and East POD/Library**
Findings	**No Detected PCBs in Wipe Samples**

On September 13, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, Re: *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

The exterior east POD/Library work area preparation began on August 12, 2024, by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas the following day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extend beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

Exterior work included in this clearance inspection included:

- POD/Library Building – The south and east sides of the building (exterior work of classrooms 4 through 16) work area included 14 window units. Each window is about 18 square feet (about 252 square feet total), and the work area totaled about 3,070 square feet. Six wipe samples were collected from new cured epoxy surfaces and 11 samples were collected from the concrete sidewalk in the work area.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 28, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and concrete sidewalk.

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. 17 exterior work area samples, including six from cured epoxy surfaces and 11 from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. Two duplicate wipe samples were also collected. Two quality control samples, one field blank and one laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 100-centimeter paper template (was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were hand delivered on ice to Eurofins TestAmerica, Inc. (Eurofins) in Tacoma, Washington for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74930-1 to the project samples. Samples were received at 8.1 degrees Celsius, and above the method defined limit of 6 degrees Celsius; given the temperature stability of PCBs, the elevated cooler temperature is not expected to impact sample results. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

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Table 1: Results Summary – Exterior Sample Locations

Sample No.	Type	PCBs (µg/100 cm²)
082824W-POD 16-01	Wipe, New Cured Epoxy	< 0.1
082824W-POD 16-N8	Duplicate of 082824W-POD 16-01	< 0.1
082824W-POD 13-02	Wipe, New Cured Epoxy	< 0.1
082824W-POD 11-03	Wipe, New Cured Epoxy	< 0.1
082824W-POD 9-04	Wipe, New Cured Epoxy	< 0.1
082824W-POD 7-05	Wipe, New Cured Epoxy	< 0.1
082824W-POD 4-06	Wipe, New Cured Epoxy	< 0.1
082824W-POD 17-07	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 16-08	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 15-09	Wipe, Concrete Sidewalk	0.13
082824W-POD 14-10	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 12-11	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 10-12	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 10-N8	Duplicate of 082824W-POD 10-12	< 0.1
082824W-POD 9-13	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 8-14	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 6-15	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 5-16	Wipe, Concrete Sidewalk	< 0.1
082824W-POD 4-17	Wipe, Concrete Sidewalk	< 0.1
082824W-POD-N7	Field Blank	< 0.1
082824W-POD-N9	Laboratory Blank	< 0.1
Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

Laboratory analysis identified sample 082824W-POD 15-09 to contain Aroclor 1254 at a concentration of 0.13 µg/100 cm² and below the exterior clearance criteria.

All results were below the exterior clearance criteria of 10 µg/100 cm².

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

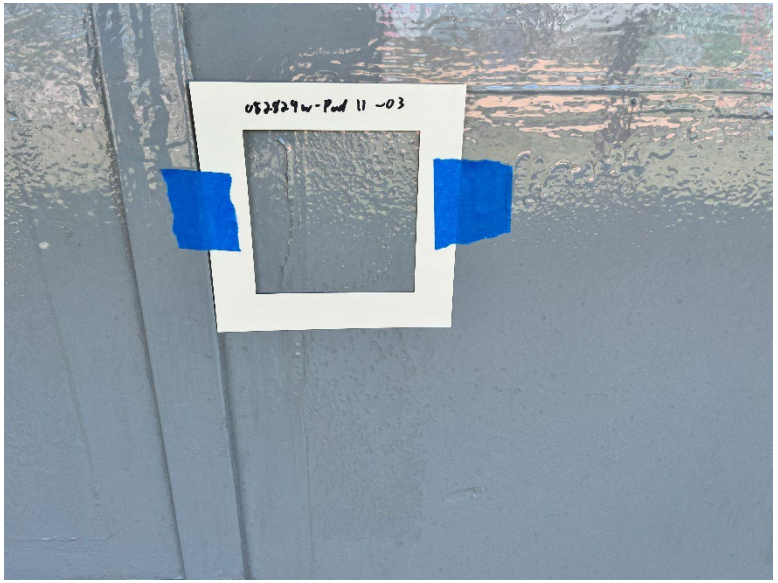
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Sample 082824W-Pod 16-01 and duplicate 082824W-Pod 16-N8 were collected from the new gray epoxy surface at room 16.



Sample 082824W-Pod 13-02 was collected from the new gray epoxy surface at classroom 13.



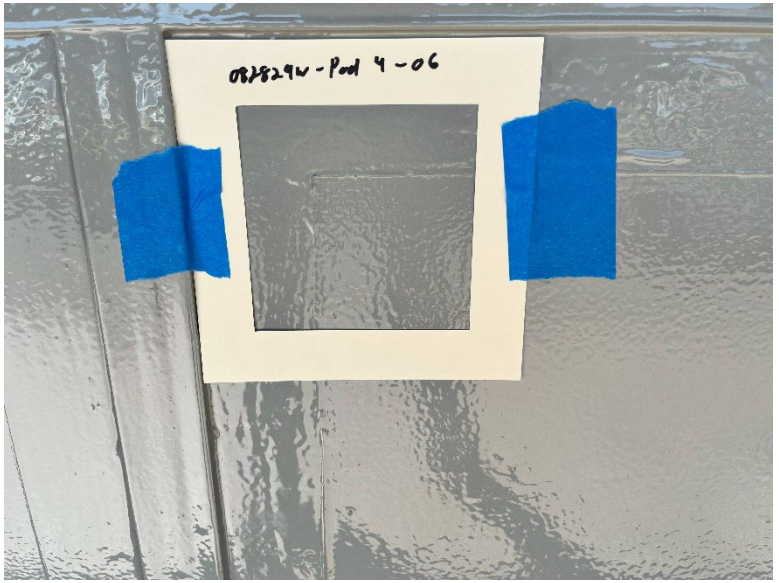
Sample 082824W-Pod 11-03 was collected from the new gray epoxy surface at classroom 11.



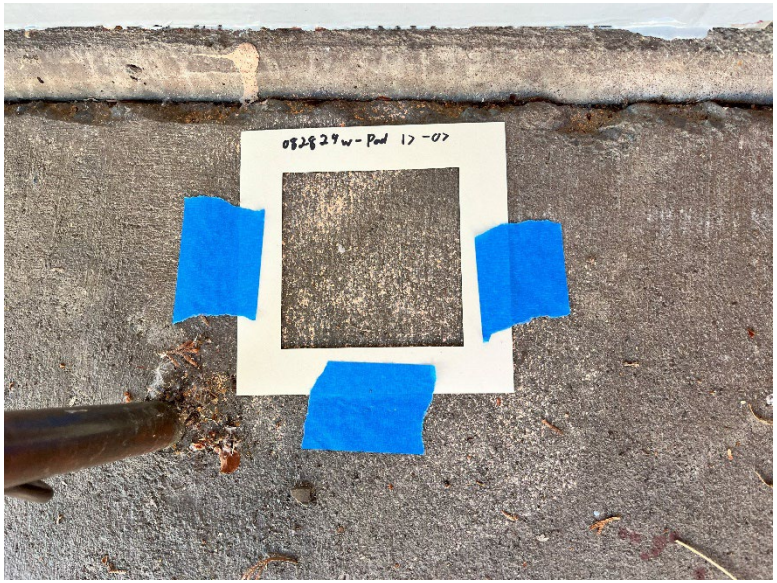
Sample 082824W-Pod 9-04 was collected from the new gray epoxy surface at classroom 9.



Sample 082824W-Pod 7-05 was collected from the new gray epoxy surface at classroom 7.



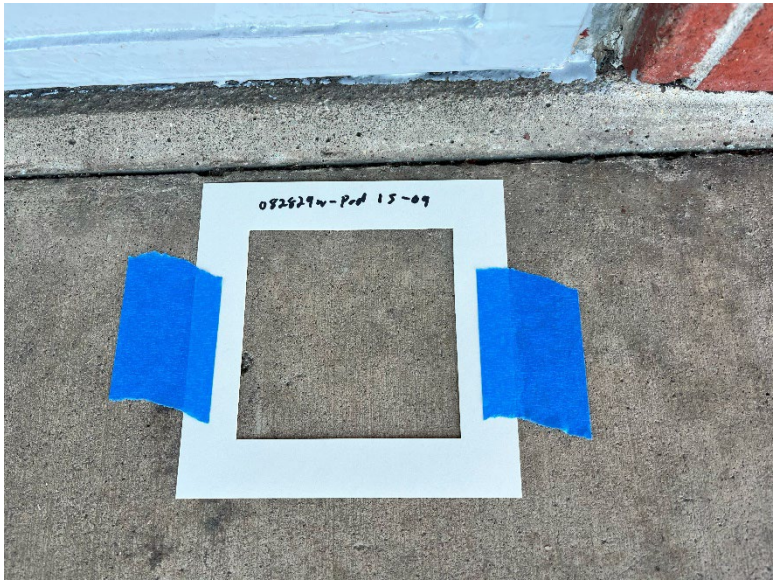
Sample 082824W-Pod 4-06 was collected from the new gray epoxy surface at classroom 4.



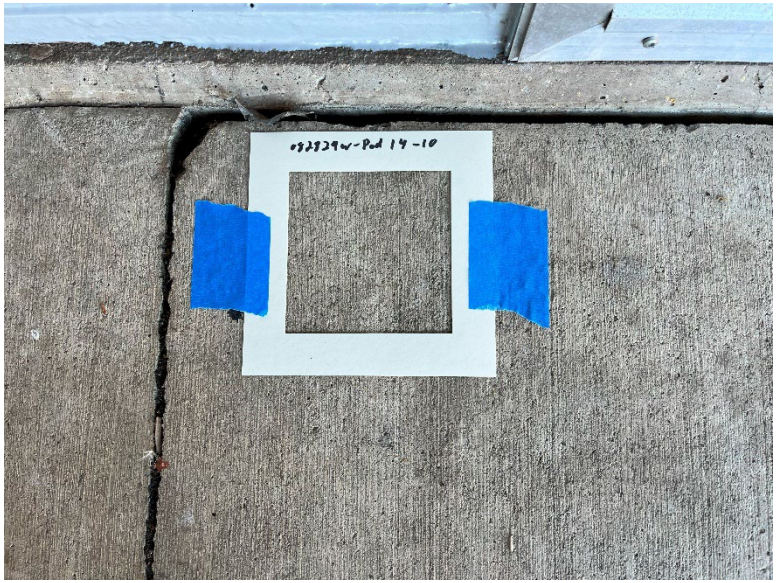
Sample 082824W-Pod 17-07 was collected from the concrete surface directly below the work area at classroom 17.



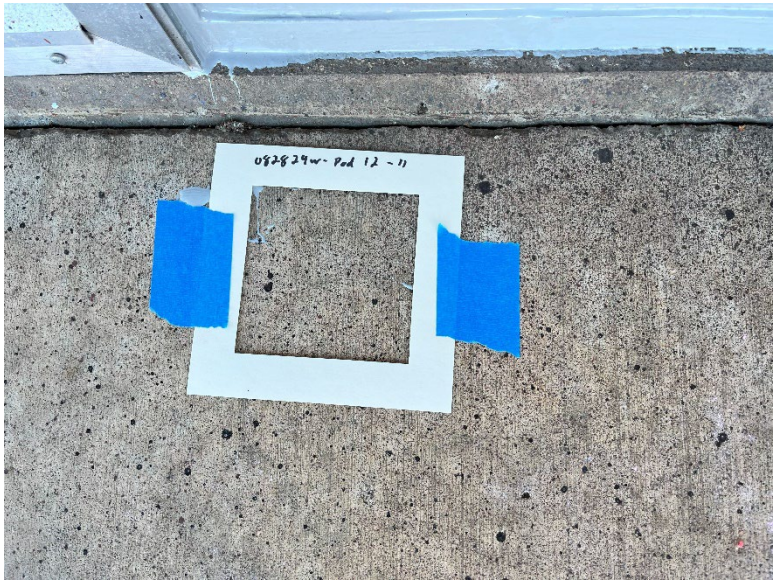
Sample 082824W-Pod 16-08 was collected from the concrete surface directly below the work area at classroom 16.



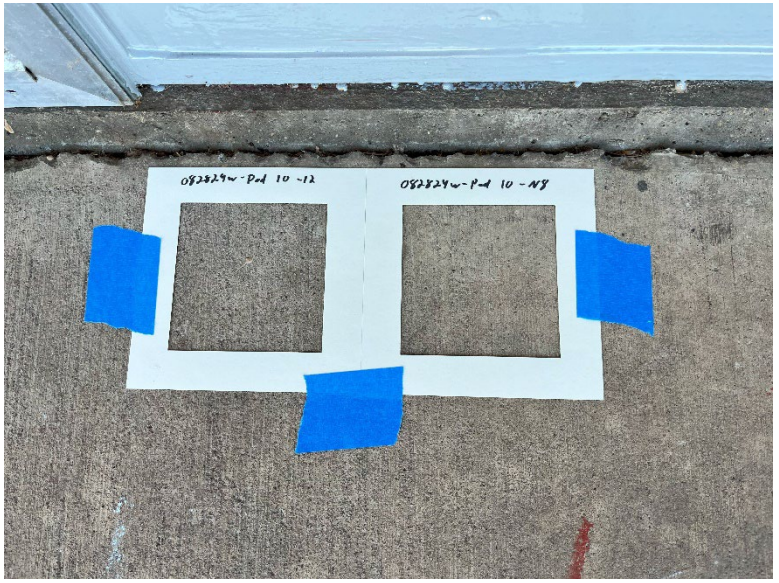
Sample 082824W-Pod 15-09 was collected from the concrete surface directly below the work area at classroom 15.



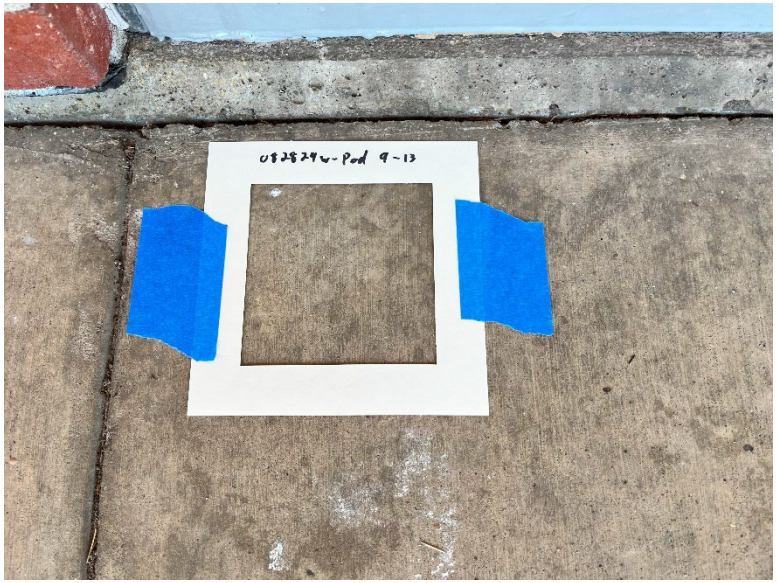
Sample 082824W-Pod 14-10 was collected from the concrete surface directly below the work area at classroom 14.



Sample 082824W-Pod 12-11 was collected from the concrete surface directly below the work area at classroom 12.



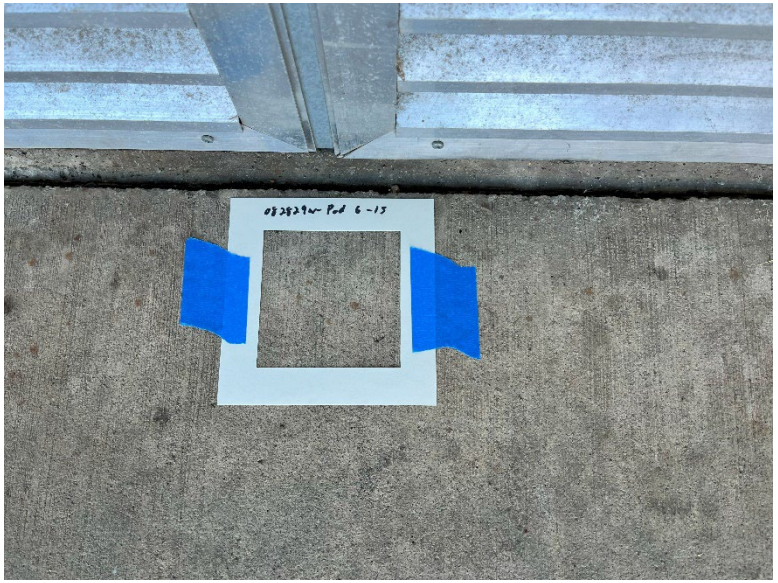
Sample 082824W-Pod 10-12 and duplicate 082824W-Pod 10-N8 were collected from the concrete surface at classroom 10.



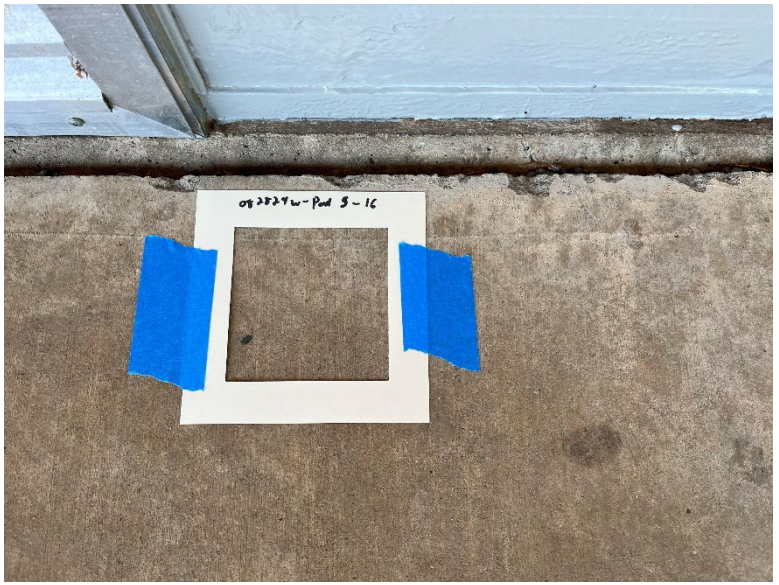
Sample 082824W-Pod 9-13 was collected from the concrete surface directly below the work area at classroom 9.



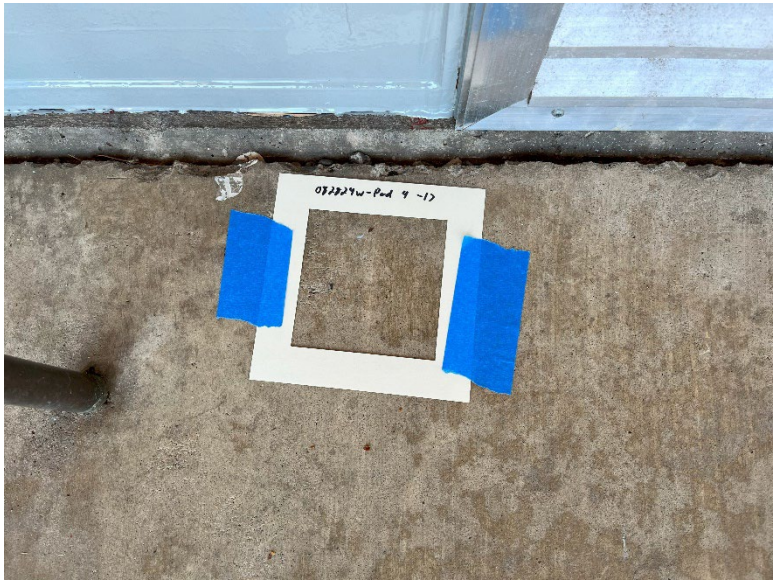
Sample 082824W-Pod 8-14 was collected from the concrete surface directly below the work area at classroom 8.



Sample 082824W-Pod 6-15 was collected from the concrete surface directly below the work area at classroom 6.



Sample 082824W-Pod 5-16 was collected from the concrete surface directly below the work area at classroom 5.



Sample 082824W-Pod 4-17 was collected from the concrete surface directly below the work area at classroom 4.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

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JOB DESCRIPTION

SVEC Project
200-74930-1

JOB NUMBER

200-74930-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 15
QC Sample Results 17
QC Association Summary 19
Lab Chronicle 21
Certification Summary 25
Method Summary 26
Sample Summary 27
Chain of Custody 28
Receipt Checklists 30

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74930-1 — Eurofins Burlington

Job Narrative
200-74930-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/29/2024 11:45 AM. Unless otherwise noted below, the samples arrived in good condition and on ice. The temperature of the cooler at receipt time was 7.8°C, above the method defined limit of 6.0º C.

PCBs
Method 8082A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Client samples contained gauze pads preserved in hexane. SOP was followed and the preservative hexane was treated as sample, not providing towards the final volume.

Method 8082A: Surrogate recovery for the following sample was outside of acceptance limits: 082824W-POD-N7 (200-74930-20). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00050: 082824W-POD 16-01 (200-74930-1), 082824W-POD 16-N8 (200-74930-2), 082824W-POD 13-02 (200-74930-3), 082824W-POD 11-02 (200-74930-4), 082824W-POD 9-04 (200-74930-5), 082824W-POD 7-05 (200-74930-6), 082824W-POD 4-06 (200-74930-7), 082824W-POD 17-07 (200-74930-8), 082824W-POD 16-08 (200-74930-9), 082824W-POD 15-09 (200-74930-10), 082824W-POD 14-10 (200-74930-11), 082824W-POD 12-11 (200-74930-12), 082824W-POD 10-12 (200-74930-13), (LCS 580-470292/2-A), (LCSD 580-470292/3-A) and (MB 580-470292/1-A).

Method 8082A: The continuing calibration verification (CCV) associated with 580-470548 recovered high and outside the control limits for PCB-1232 on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 580-470548/2).

Method 8082A: Surrogate recovery for the following samples were outside of acceptance limits: 082824W-POD 16-01 (200-74930-1), 082824W-POD 16-N8 (200-74930-2), 082824W-POD 13-02 (200-74930-3), 082824W-POD 11-02 (200-74930-4), 082824W-POD 9-04 (200-74930-5), 082824W-POD 7-05 (200-74930-6), 082824W-POD 4-06 (200-74930-7), 082824W-POD 17-07 (200-74930-8), 082824W-POD 16-08 (200-74930-9), 082824W-POD 15-09 (200-74930-10), 082824W-POD 14-10 (200-74930-11), 082824W-POD 12-11 (200-74930-12) and 082824W-POD 10-12 (200-74930-13). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8082A: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: 082824W-POD 15-09 (200-74930-10) and 082824W-POD 10-12 (200-74930-13). Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 16-01 — Lab Sample ID: 200-74930-1

No Detections.

Client Sample ID: 082824W-POD 16-N8 — Lab Sample ID: 200-74930-2

No Detections.

Client Sample ID: 082824W-POD 13-02 — Lab Sample ID: 200-74930-3

No Detections.

Client Sample ID: 082824W-POD 11-02 — Lab Sample ID: 200-74930-4

No Detections.

Client Sample ID: 082824W-POD 9-04 — Lab Sample ID: 200-74930-5

No Detections.

Client Sample ID: 082824W-POD 7-05 — Lab Sample ID: 200-74930-6

No Detections.

Client Sample ID: 082824W-POD 4-06 — Lab Sample ID: 200-74930-7

No Detections.

Client Sample ID: 082824W-POD 17-07 — Lab Sample ID: 200-74930-8

No Detections.

Client Sample ID: 082824W-POD 16-08 — Lab Sample ID: 200-74930-9

No Detections.

Client Sample ID: 082824W-POD 15-09 — Lab Sample ID: 200-74930-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.13		0.10	0.10	ug/Wipe	1		8082A	Total/NA

Client Sample ID: 082824W-POD 14-10 — Lab Sample ID: 200-74930-11

No Detections.

Client Sample ID: 082824W-POD 12-11 — Lab Sample ID: 200-74930-12

No Detections.

Client Sample ID: 082824W-POD 10-12 — Lab Sample ID: 200-74930-13

No Detections.

Client Sample ID: 082824W-POD 10-N8 — Lab Sample ID: 200-74930-14

No Detections.

Client Sample ID: 082824W-POD 9-13 — Lab Sample ID: 200-74930-15

No Detections.

Client Sample ID: 082824W-POD 8-14 — Lab Sample ID: 200-74930-16

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 6-15 — Lab Sample ID: 200-74930-17

No Detections.

Client Sample ID: 082824W-POD 5-16 — Lab Sample ID: 200-74930-18

No Detections.

Client Sample ID: 082824W-POD 4-17 — Lab Sample ID: 200-74930-19

No Detections.

Client Sample ID: 082824W-POD-N7 — Lab Sample ID: 200-74930-20

No Detections.

Client Sample ID: 082824W-POD-N9 — Lab Sample ID: 200-74930-21

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 16-01

Lab Sample ID: 200-74930-1
Date Collected: 08/29/24 14:57
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 03:45*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 03:45*	*1*

Client Sample ID: 082824W-POD 16-N8

Lab Sample ID: 200-74930-2
Date Collected: 08/29/24 14:59
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*26*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:03*	*1*
Tetrachloro-m-xylene	*26*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:03*	*1*

Client Sample ID: 082824W-POD 13-02

Lab Sample ID: 200-74930-3
Date Collected: 08/29/24 15:02
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*60 - 120*	*09/04/24 16:03*	*09/07/24 04:20*	*1*
Tetrachloro-m-xylene	*55*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:20*	*1*

Client Sample ID: 082824W-POD 11-02

Lab Sample ID: 200-74930-4
Date Collected: 08/29/24 15:04
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:52*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:52*	*1*

Client Sample ID: 082824W-POD 9-04

Lab Sample ID: 200-74930-5
Date Collected: 08/29/24 15:06
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 03:10*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 03:10*	*1*

Client Sample ID: 082824W-POD 7-05

Lab Sample ID: 200-74930-6
Date Collected: 08/29/24 15:08
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*60 - 120*	*09/04/24 16:03*	*09/07/24 03:28*	*1*
Tetrachloro-m-xylene	*56*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 03:28*	*1*

Client Sample ID: 082824W-POD 4-06

Lab Sample ID: 200-74930-7
Date Collected: 08/29/24 15:11
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:38*	*1*
Tetrachloro-m-xylene	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:38*	*1*

Client Sample ID: 082824W-POD 17-07

Lab Sample ID: 200-74930-8
Date Collected: 08/29/24 15:56
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:56*	*1*
Tetrachloro-m-xylene	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 04:56*	*1*

Client Sample ID: 082824W-POD 16-08

Lab Sample ID: 200-74930-9
Date Collected: 08/29/24 15:58
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 05:13*	*1*
Tetrachloro-m-xylene	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 05:13*	*1*

Client Sample ID: 082824W-POD 15-09

Lab Sample ID: 200-74930-10

Date Collected: 08/29/24 16:00
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1254	**0.13**		0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*60 - 120*	*09/04/24 16:03*	*09/07/24 05:31*	*1*
Tetrachloro-m-xylene	*54*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 05:31*	*1*

Client Sample ID: 082824W-POD 14-10

Lab Sample ID: 200-74930-11

Date Collected: 08/29/24 16:01
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 05:49*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 05:49*	*1*

Client Sample ID: 082824W-POD 12-11

Lab Sample ID: 200-74930-12

Date Collected: 08/29/24 16:03
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 06:41*	*1*
Tetrachloro-m-xylene	*51*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 06:41*	*1*

Client Sample ID: 082824W-POD 10-12

Lab Sample ID: 200-74930-13

Date Collected: 08/29/24 16:05
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 06:59*	*1*
Tetrachloro-m-xylene	*51*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 06:59*	*1*

Client Sample ID: 082824W-POD 10-N8

Lab Sample ID: 200-74930-14

Date Collected: 08/29/24 16:07
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*60 - 120*	*09/04/24 16:23*	*09/07/24 19:36*	*1*
Tetrachloro-m-xylene	*63*		*60 - 120*	*09/04/24 16:23*	*09/07/24 19:36*	*1*

Client Sample ID: 082824W-POD 9-13

Lab Sample ID: 200-74930-15

Date Collected: 08/29/24 16:09
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*60 - 120*	*09/04/24 16:23*	*09/07/24 19:54*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:23*	*09/07/24 19:54*	*1*

Client Sample ID: 082824W-POD 8-14

Lab Sample ID: 200-74930-16

Date Collected: 08/29/24 16:11

Matrix: Wipe

Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:11*	*1*
Tetrachloro-m-xylene	*66*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:11*	*1*

Client Sample ID: 082824W-POD 6-15

Lab Sample ID: 200-74930-17

Date Collected: 08/29/24 16:12

Matrix: Wipe

Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:29*	*1*
Tetrachloro-m-xylene	*63*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:29*	*1*

Client Sample ID: 082824W-POD 5-16

Lab Sample ID: 200-74930-18

Date Collected: 08/29/24 16:13

Matrix: Wipe

Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:47*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:23*	*09/07/24 20:47*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 4-17

Lab Sample ID: 200-74930-19

Date Collected: 08/29/24 16:15
Date Received: 08/29/24 11:45

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:04*	*1*
Tetrachloro-m-xylene	*63*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:04*	*1*

Client Sample ID: 082824W-POD-N7

Lab Sample ID: 200-74930-20

Date Collected: 08/29/24 16:18
Date Received: 08/29/24 11:45

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*	*S1-*	*60 - 120*	*09/04/24 16:23*	*09/07/24 21:22*	*1*
Tetrachloro-m-xylene	*59*	*S1-*	*60 - 120*	*09/04/24 16:23*	*09/07/24 21:22*	*1*

Client Sample ID: 082824W-POD-N9

Lab Sample ID: 200-74930-21

Date Collected: 08/29/24 16:30
Date Received: 08/29/24 11:45

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:40*	*1*
Tetrachloro-m-xylene	*63*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:40*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74930-1	082824W-POD 16-01	53 S1-	52 S1-
200-74930-2	082824W-POD 16-N8	26 S1-	26 S1-
200-74930-4	082824W-POD 11-02	52 S1-	52 S1-
200-74930-5	082824W-POD 9-04	53 S1-	52 S1-
200-74930-7	082824W-POD 4-06	54 S1-	53 S1-
200-74930-8	082824W-POD 17-07	54 S1-	53 S1-
200-74930-9	082824W-POD 16-08	55 S1-	53 S1-
200-74930-11	082824W-POD 14-10	53 S1-	52 S1-
200-74930-12	082824W-POD 12-11	52 S1-	51 S1-

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74930-3	082824W-POD 13-02	61	55 S1-
200-74930-6	082824W-POD 7-05	63	56 S1-
200-74930-10	082824W-POD 15-09	61	54 S1-
200-74930-13	082824W-POD 10-12	53 S1-	51 S1-

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74930-14	082824W-POD 10-N8	65	63
200-74930-15	082824W-POD 9-13	63	65
200-74930-16	082824W-POD 8-14	66	66
200-74930-17	082824W-POD 6-15	64	63
200-74930-18	082824W-POD 5-16	67	64
200-74930-19	082824W-POD 4-17	62	63
200-74930-20	082824W-POD-N7	58 S1-	59 S1-
200-74930-21	082824W-POD-N9	64	63
LCS 580-470305/2-A	Lab Control Sample	93	87
LCSD 580-470292/3-A	Lab Control Sample Dup	70	67
LCSD 580-470305/3-A	Lab Control Sample Dup	100	92
MB 580-470292/1-A	Method Blank	66	67
MB 580-470305/1-A	Method Blank	94	87

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCBP2	TCX1								
Lab Sample ID	Client Sample ID	(60-120)	(60-120)								
LCS 580-470292/2-A	Lab Control Sample	70	69								

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 580-470292/1-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:03*	*09/06/24 23:56*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:03*	*09/06/24 23:56*	*1*

Lab Sample ID: LCS 580-470292/2-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470292

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.720		ug/Wipe		72	60 - 120		
PCB-1260			1.00	0.706		ug/Wipe		71	60 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*60 - 120*
Tetrachloro-m-xylene	*69*		*60 - 120*

Lab Sample ID: LCSD 580-470292/3-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470292

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.703		ug/Wipe		70	60 - 120	2	10
PCB-1260			1.00	0.706		ug/Wipe		71	60 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*60 - 120*
Tetrachloro-m-xylene	*67*		*60 - 120*

Lab Sample ID: MB 580-470305/1-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		60 - 120	09/04/24 16:23	09/07/24 18:43	1
Tetrachloro-m-xylene	87		60 - 120	09/04/24 16:23	09/07/24 18:43	1

Lab Sample ID: LCS 580-470305/2-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470305

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.905		ug/Wipe		91	60 - 120		
PCB-1260			1.00	0.875		ug/Wipe		87	60 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	93		60 - 120
Tetrachloro-m-xylene	87		60 - 120

Lab Sample ID: LCSD 580-470305/3-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470305

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.943		ug/Wipe		94	60 - 120	4	10
PCB-1260			1.00	0.912		ug/Wipe		91	60 - 120	4	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	100		60 - 120
Tetrachloro-m-xylene	92		60 - 120

GC Semi VOA

Prep Batch: 470292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74930-1	082824W-POD 16-01	Total/NA	Wipe	3580A	
200-74930-2	082824W-POD 16-N8	Total/NA	Wipe	3580A	
200-74930-3	082824W-POD 13-02	Total/NA	Wipe	3580A	
200-74930-4	082824W-POD 11-02	Total/NA	Wipe	3580A	
200-74930-5	082824W-POD 9-04	Total/NA	Wipe	3580A	
200-74930-6	082824W-POD 7-05	Total/NA	Wipe	3580A	
200-74930-7	082824W-POD 4-06	Total/NA	Wipe	3580A	
200-74930-8	082824W-POD 17-07	Total/NA	Wipe	3580A	
200-74930-9	082824W-POD 16-08	Total/NA	Wipe	3580A	
200-74930-10	082824W-POD 15-09	Total/NA	Wipe	3580A	
200-74930-11	082824W-POD 14-10	Total/NA	Wipe	3580A	
200-74930-12	082824W-POD 12-11	Total/NA	Wipe	3580A	
200-74930-13	082824W-POD 10-12	Total/NA	Wipe	3580A	
MB 580-470292/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470292/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470292/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Prep Batch: 470305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74930-14	082824W-POD 10-N8	Total/NA	Wipe	3580A	
200-74930-15	082824W-POD 9-13	Total/NA	Wipe	3580A	
200-74930-16	082824W-POD 8-14	Total/NA	Wipe	3580A	
200-74930-17	082824W-POD 6-15	Total/NA	Wipe	3580A	
200-74930-18	082824W-POD 5-16	Total/NA	Wipe	3580A	
200-74930-19	082824W-POD 4-17	Total/NA	Wipe	3580A	
200-74930-20	082824W-POD-N7	Total/NA	Wipe	3580A	
200-74930-21	082824W-POD-N9	Total/NA	Wipe	3580A	
MB 580-470305/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470305/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470305/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Analysis Batch: 470548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74930-1	082824W-POD 16-01	Total/NA	Wipe	8082A	470292
200-74930-2	082824W-POD 16-N8	Total/NA	Wipe	8082A	470292
200-74930-3	082824W-POD 13-02	Total/NA	Wipe	8082A	470292
200-74930-4	082824W-POD 11-02	Total/NA	Wipe	8082A	470292
200-74930-5	082824W-POD 9-04	Total/NA	Wipe	8082A	470292
200-74930-6	082824W-POD 7-05	Total/NA	Wipe	8082A	470292
200-74930-7	082824W-POD 4-06	Total/NA	Wipe	8082A	470292
200-74930-8	082824W-POD 17-07	Total/NA	Wipe	8082A	470292
200-74930-9	082824W-POD 16-08	Total/NA	Wipe	8082A	470292
200-74930-10	082824W-POD 15-09	Total/NA	Wipe	8082A	470292
200-74930-11	082824W-POD 14-10	Total/NA	Wipe	8082A	470292
200-74930-12	082824W-POD 12-11	Total/NA	Wipe	8082A	470292
200-74930-13	082824W-POD 10-12	Total/NA	Wipe	8082A	470292
MB 580-470292/1-A	Method Blank	Total/NA	Wipe	8082A	470292
LCS 580-470292/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470292
LCSD 580-470292/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470292

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

GC Semi VOA

Analysis Batch: 470669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74930-14	082824W-POD 10-N8	Total/NA	Wipe	8082A	470305
200-74930-15	082824W-POD 9-13	Total/NA	Wipe	8082A	470305
200-74930-16	082824W-POD 8-14	Total/NA	Wipe	8082A	470305
200-74930-17	082824W-POD 6-15	Total/NA	Wipe	8082A	470305
200-74930-18	082824W-POD 5-16	Total/NA	Wipe	8082A	470305
200-74930-19	082824W-POD 4-17	Total/NA	Wipe	8082A	470305
200-74930-20	082824W-POD-N7	Total/NA	Wipe	8082A	470305
200-74930-21	082824W-POD-N9	Total/NA	Wipe	8082A	470305
MB 580-470305/1-A	Method Blank	Total/NA	Wipe	8082A	470305
LCS 580-470305/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470305
LCSD 580-470305/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470305

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 16-01
Date Collected: 08/29/24 14:57
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-1
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 03:45

Client Sample ID: 082824W-POD 16-N8
Date Collected: 08/29/24 14:59
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-2
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 04:03

Client Sample ID: 082824W-POD 13-02
Date Collected: 08/29/24 15:02
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-3
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 04:20

Client Sample ID: 082824W-POD 11-02
Date Collected: 08/29/24 15:04
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-4
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 02:52

Client Sample ID: 082824W-POD 9-04
Date Collected: 08/29/24 15:06
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-5
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 03:10

Client Sample ID: 082824W-POD 7-05
Date Collected: 08/29/24 15:08
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-6
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 03:28

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 4-06
Date Collected: 08/29/24 15:11
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-7
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 04:38

Client Sample ID: 082824W-POD 17-07
Date Collected: 08/29/24 15:56
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-8
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 04:56

Client Sample ID: 082824W-POD 16-08
Date Collected: 08/29/24 15:58
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-9
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 05:13

Client Sample ID: 082824W-POD 15-09
Date Collected: 08/29/24 16:00
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-10
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 05:31

Client Sample ID: 082824W-POD 14-10
Date Collected: 08/29/24 16:01
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-11
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 05:49

Client Sample ID: 082824W-POD 12-11
Date Collected: 08/29/24 16:03
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-12
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 06:41

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 10-12
Date Collected: 08/29/24 16:05
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-13
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 06:59

Client Sample ID: 082824W-POD 10-N8
Date Collected: 08/29/24 16:07
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-14
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 19:36

Client Sample ID: 082824W-POD 9-13
Date Collected: 08/29/24 16:09
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-15
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 19:54

Client Sample ID: 082824W-POD 8-14
Date Collected: 08/29/24 16:11
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-16
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 20:11

Client Sample ID: 082824W-POD 6-15
Date Collected: 08/29/24 16:12
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-17
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 20:29

Client Sample ID: 082824W-POD 5-16
Date Collected: 08/29/24 16:13
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74930-18
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 20:47

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Client Sample ID: 082824W-POD 4-17

Lab Sample ID: 200-74930-19

Date Collected: 08/29/24 16:15
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 21:04

Client Sample ID: 082824W-POD-N7

Lab Sample ID: 200-74930-20

Date Collected: 08/29/24 16:18
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 21:22

Client Sample ID: 082824W-POD-N9

Lab Sample ID: 200-74930-21

Date Collected: 08/29/24 16:30
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 21:40

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Laboratory: Eurofins Seattle

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-24 *
Florida	NELAP	E87575	06-30-25
Louisiana	NELAP	03073	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
Montana (UST)	State	NA	04-14-27
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-24	07-13-25
Wisconsin	State	399133460	08-31-24 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET SEA
3580A	Extraction of PCBs (Wipe Samples)	SW846	EET SEA

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74930-1
SDG: 200-74930-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74930-1	082824W-POD 16-01	Wipe	08/29/24 14:57	08/29/24 11:45
200-74930-2	082824W-POD 16-N8	Wipe	08/29/24 14:59	08/29/24 11:45
200-74930-3	082824W-POD 13-02	Wipe	08/29/24 15:02	08/29/24 11:45
200-74930-4	082824W-POD 11-02	Wipe	08/29/24 15:04	08/29/24 11:45
200-74930-5	082824W-POD 9-04	Wipe	08/29/24 15:06	08/29/24 11:45
200-74930-6	082824W-POD 7-05	Wipe	08/29/24 15:08	08/29/24 11:45
200-74930-7	082824W-POD 4-06	Wipe	08/29/24 15:11	08/29/24 11:45
200-74930-8	082824W-POD 17-07	Wipe	08/29/24 15:56	08/29/24 11:45
200-74930-9	082824W-POD 16-08	Wipe	08/29/24 15:58	08/29/24 11:45
200-74930-10	082824W-POD 15-09	Wipe	08/29/24 16:00	08/29/24 11:45
200-74930-11	082824W-POD 14-10	Wipe	08/29/24 16:01	08/29/24 11:45
200-74930-12	082824W-POD 12-11	Wipe	08/29/24 16:03	08/29/24 11:45
200-74930-13	082824W-POD 10-12	Wipe	08/29/24 16:05	08/29/24 11:45
200-74930-14	082824W-POD 10-N8	Wipe	08/29/24 16:07	08/29/24 11:45
200-74930-15	082824W-POD 9-13	Wipe	08/29/24 16:09	08/29/24 11:45
200-74930-16	082824W-POD 8-14	Wipe	08/29/24 16:11	08/29/24 11:45
200-74930-17	082824W-POD 6-15	Wipe	08/29/24 16:12	08/29/24 11:45
200-74930-18	082824W-POD 5-16	Wipe	08/29/24 16:13	08/29/24 11:45
200-74930-19	082824W-POD 4-17	Wipe	08/29/24 16:15	08/29/24 11:45
200-74930-20	082824W-POD-N7	Wipe	08/29/24 16:18	08/29/24 11:45
200-74930-21	082824W-POD-N9	Wipe	08/29/24 16:30	08/29/24 11:45

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0859	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of P4~~ 1 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush 1-2 day			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Pad Exterior	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082824w-Pad 16-01	8-28-24	2:57		Wipe			1		On epoxy
082824w-Pad 16-N8		2:59		Wipe			1		On epoxy
082824w-Pad 13-02		3:02		Wipe			1		On epoxy
082824w-Pad 11-03		3:04		Wipe			1		On epoxy
082824w-Pad 9-04		3:06		Wipe			1		On epoxy
082824w-Pad 7-05		3:08		Wipe			1		On epoxy
082824w-Pad 4-06		3:11		Wipe			1		On epoxy
082824w-Pad 17-07		3:56		Wipe			1		On concrete
082824w-Pad 16-08		3:58		Wipe			1		
082824w-Pad 15-09		4:00		Wipe			1		
082824w-Pad 14-10		4:01		Wipe			1		

200-74930 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: samples 100² cm

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR14 8.1/7.8 LBI Ice/Other/CD

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 8 of 4~~ 2 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Pad Exterior	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N		
082824w-Pad 12-11		4:03		Wipe			/		On Concrete
082824w-Pad 10-12		4:05		Wipe			/		
082824w-Pad 10-N8		4:07		Wipe			/		
082824w-Pad 9-13		4:09		Wipe			/		
082824w-Pad 8-14		4:11		Wipe			/		
082824w-Pad 6-15		4:12		Wipe			/		
082824w-Pad 5-16		4:13		Wipe			/		
082824w-Pad 4-17		4:15		Wipe			/		
082824w-Pad-N7		4:18		Wipe			/		
082824w-Pad-N9		4:30		Wipe			/		
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1B14 8.1 7.8 LBIce/Other/CD

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74930-1
SDG Number: 200-74930-1

Login Number: 74930
List Number: 1
Creator: Nye, Elizabeth A

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74930-1
SDG Number: 200-74930-1

Login Number: 74930
List Number: 2
Creator: Harp, Cordelia

List Source: Eurofins Seattle
List Creation: 09/03/24 12:25 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	IR 14 8.1/7.8 c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

FULCRUM environmental consulting

Results Memorandum

Date	September 14, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Exterior Work Area: North and South Annex**
Findings	**No Detected PCBs in Wipe Samples from Concrete Sidewalks** **PCBs present in all Soil Samples Below Clearance Criteria**

On September 14, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe and soil samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, Re: *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

The exterior north and south work areas preparation began on August 16, 2024, by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas the following day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extend beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2) for solid surfaces (e.g. epoxy coatings and concrete sidewalks) and 1 milligram per kilogram (mg/Kg) for soil.

Exterior work included in this clearance inspection included:

- Annex – The north and south sides of the building work area included window units of various sizes. Not all window units have epoxy coatings. The new gray epoxy totaled about 357 linear feet surrounding select windows, and the work area totaled about 2,080 square feet. Eight wipe samples were collected from new cured epoxy surfaces and seven soil samples were collected from the soil directly below the work area.

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Yakima, Washington 98901
efulcrum.net

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 28, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and soil directly adjacent to the work area.

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. 15 exterior work area samples, including eight from cured epoxy surfaces and seven from the soil adjacent to the epoxy surfaces, were collected for analysis. Two duplicate wipe samples were also collected. Two quality control samples, one field blank and one laboratory blank, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each wipe sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 100-centimeter paper template (was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

Each soil sample was collected in a 4-ounce blank borosilicate glass jar with a Teflon lined lid. Soil was placed in the 4-ounce jar until full. Following sample collection, the borosilicate jar was sealed and assigned a unique sample number. The corresponding number was recorded on the chain-of-custody.

The samples were hand delivered on ice to Eurofins TestAmerica, Inc. (Eurofins) in Tacoma, Washington for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74960-1 to the project samples. Samples were received at 8.1 degrees Celsius, and above the method defined limit of 6 degrees Celsius; given the temperature stability of PCBs and the same day collection of the samples, the elevated cooler temperature is not expected to impact sample results. See Attachment B for the laboratory report. Table 1 provides a summary of the wipe laboratory results and Table 2 provides a summary of the soil laboratory results.

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Yakima, Washington 98901
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Table 1: Results Summary – Exterior Wipe Sample Locations

Sample No.	Type	PCBs (µg/100 cm²)
082824W-ANX South-01	Wipe, New Cured Epoxy	< 0.1
082824W-ANX South-02	Wipe, New Cured Epoxy	< 0.1
082824W-ANX South-N8	Duplicate of 082824W-ANX South-02	< 0.1
082824W-ANX South-03	Wipe, New Cured Epoxy	< 0.1
082824W-ANX South-04	Wipe, New Cured Epoxy	< 0.1
082824W-ANX North-09	Wipe, New Cured Epoxy	< 0.1
082824W-ANX North-10	Wipe, New Cured Epoxy	< 0.1
082824W-ANX North-11	Wipe, Concrete Sidewalk	< 0.1
082824W-ANX North-12	Wipe, Concrete Sidewalk	< 0.1
082824W-ANX-N7	Field Blank	< 0.1
082824W-ANX-N9	Lab Blank	< 0.1
Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

All wipe sample results were below the exterior clearance criteria of 10 µg/100 cm².

Table 2: Results Summary – Exterior Soil Sample Locations

Sample No.	Type	PCBs (mg/Kg)
082824S-ANX South-05	Soil	0.46
082824S-ANX South-06	Soil	0.10 p
082824S-ANX South-07	Soil	0.028 p
082824S-ANX South-08	Soil	0.011 J
082824S-ANX North-13	Soil	0.050
082824S-ANX North-N8	Duplicate of 082824S-ANX South-13	0.65
082824S-ANX North-14	Soil	0.91
082824S-ANX North-15	Soil	0.26
Clearance Criteria		**1**

Any exceedances of the clearance criteria are shown in **Bold**
mg/Kg milligram per kilogram
p The percent recovery between the primary and confirmation column/detector exceeded 40% and the lower value has been reported.
J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Eurofins reported that soil samples 082524S-ANX NORTH 13 and 082824S-ANX North-N8 contain PCBs that, due to weathering or other environmental processes, do not closely match any of the laboratory's Aroclor standards used for instrument calibration and results in an increased qualitative and quantitative uncertainty associated with the results. Fulcrum has reviewed the laboratory's quality control narrative and determined that the results are suitable for the purposes of the sampling.

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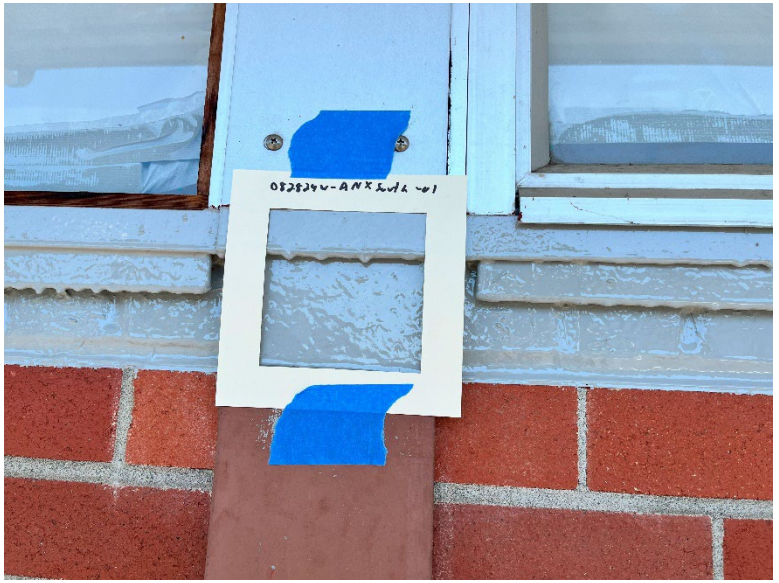
All soil sample results were below the exterior clearance criteria of 1 mg/Kg; however, PCBs were reported in all of the soil samples.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



The south face of the Annex building.



Sample 082824W-ANX South-01 was collected from the new gray epoxy surface.



Sample 082824W-ANX South-02 and duplicate 082824W-ANX South-N8 were collected from the new gray epoxy surface.



Sample 082824W-ANX South-03 was collected from the new gray epoxy surface.



Sample 082824W-ANX South-04 was collected from the new gray epoxy surface.



Sample 082824S-ANX South-05 was collected from the soil directly below the work area.



Sample 082824S-ANX South-06 was collected from the soil directly below the work area.



Sample 082824S-ANX South-07 was collected from the soil directly below the work area.



Sample 082824S-ANX South-08 was collected from the soil directly below the work area.



The north face of the Annex building.



Sample 082824W-ANX North-09 was collected from the new gray epoxy surface.



Sample 082824W-ANX North-10 was collected from the new gray epoxy surface.



Sample 082824W-ANX North-11 was collected from the new gray epoxy surface.



Sample 082824W-ANX North-12 was collected from the new gray epoxy surface.



Sample 082824S-ANX North-13 and duplicate 082824S-ANX North-N8 were collected from the soil below the work area.



Sample 082824S-ANX North-14 was collected from the soil directly below the work area.



Sample 082824S-ANX South-08 was collected from the soil directly below the work area.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 9/13/2024 7:04:46 AM

JOB DESCRIPTION

SVEC Project
200-74960-1

JOB NUMBER

200-74960-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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9/13/2024 7:04:46 AM

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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 16
QC Sample Results 18
QC Association Summary 20
Lab Chronicle 22
Certification Summary 27
Method Summary 28
Sample Summary 29
Chain of Custody 30
Receipt Checklists 32

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74960-1 — Eurofins Burlington

Job Narrative
200-74960-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/29/2024 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and on ice. The temperature of the cooler at receipt time was 7.8°C, above the 6.0º C method defined limit.

PCBs
Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00050: 082824W-ANX SOUTH-05 (200-74960-6), 082824W-ANX SOUTH-06 (200-74960-7), 082824W-ANX SOUTH-07 (200-74960-8), 082824W-ANX SOUTH-08 (200-74960-9), (LCS 580-470347/2-A), (MB 580-470347/1-A), (580-143230-B-1-M), (580-143230-B-1-N MS) and (580-143230-B-1-O MSD).

Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00050 : 082824S-ANX NORTH-13 (200-74960-14) and 082824S-ANX NORTH-N8 (200-74960-15).

Method 8082A: The continuing calibration verification (CCV) associated with 580-470548 recovered high and outside the control limits for PCB-1232 on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 580-470548/2).

Method 8082A: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: 082824S-ANX NORTH-13 (200-74960-14) and 082824S-ANX NORTH-N8 (200-74960-15). Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00051: 082824S-ANX NORTH-14 (200-74960-16), 082824S-ANX NORTH-15 (200-74960-17), (LCS 580-471141/2-A), (MB 580-471141/1-A), (580-143532-A-2-M), (580-143532-A-2-N MS) and (580-143532-A-2-O MSD).

Method 8082A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Client sample contained gauze pads preserved in Hexane. SOP was followed and the preservative hexane was treated as sample, not providing towards the final volume.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX SOUTH -01 — Lab Sample ID: 200-74960-1

No Detections.

Client Sample ID: 082824W-ANX SOUTH -02 — Lab Sample ID: 200-74960-2

No Detections.

Client Sample ID: 082824W-ANX SOUTH-N8 — Lab Sample ID: 200-74960-3

No Detections.

Client Sample ID: 082824W-ANX SOUTH-03 — Lab Sample ID: 200-74960-4

No Detections.

Client Sample ID: 082824W-ANX SOUTH-04 — Lab Sample ID: 200-74960-5

No Detections.

Client Sample ID: 082824W-ANX SOUTH-05 — Lab Sample ID: 200-74960-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.46		0.019	0.0084	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824W-ANX SOUTH-06 — Lab Sample ID: 200-74960-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.10	p	0.019	0.0087	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824W-ANX SOUTH-07 — Lab Sample ID: 200-74960-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.028	p	0.020	0.0089	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824W-ANX SOUTH-08 — Lab Sample ID: 200-74960-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	0.011	J	0.020	0.0075	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824W-ANX NORTH-09 — Lab Sample ID: 200-74960-10

No Detections.

Client Sample ID: 082824W-ANX NORTH-10 — Lab Sample ID: 200-74960-11

No Detections.

Client Sample ID: 082824W-ANX NORTH-11 — Lab Sample ID: 200-74960-12

No Detections.

Client Sample ID: 082824W-ANX NORTH-12 — Lab Sample ID: 200-74960-13

No Detections.

Client Sample ID: 082824S-ANX NORTH-13 — Lab Sample ID: 200-74960-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.050		0.021	0.0094	mg/Kg	1	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824S-ANX NORTH-N8 — Lab Sample ID: 200-74960-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.65		0.020	0.0091	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824S-ANX NORTH-14 — Lab Sample ID: 200-74960-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.91		0.021	0.0093	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824S-ANX NORTH-15 — Lab Sample ID: 200-74960-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.26	p	0.020	0.0088	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 082824W-ANX -N7 — Lab Sample ID: 200-74960-18

No Detections.

Client Sample ID: 082824W-ANX -N9 — Lab Sample ID: 200-74960-19

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX SOUTH -01

Lab Sample ID: 200-74960-1
Matrix: Wipe
Date Collected: 08/28/24 12:51
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*60 - 120*	*09/04/24 16:24*	*09/08/24 08:32*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:24*	*09/08/24 08:32*	*1*

Client Sample ID: 082824W-ANX SOUTH -02

Lab Sample ID: 200-74960-2
Matrix: Wipe
Date Collected: 08/28/24 12:53
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*60 - 120*	*09/04/24 16:24*	*09/08/24 08:50*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 08:50*	*1*

Client Sample ID: 082824W-ANX SOUTH-N8

Lab Sample ID: 200-74960-3
Matrix: Wipe
Date Collected: 08/28/24 12:55
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:07*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:07*	*1*

Client Sample ID: 082824W-ANX SOUTH-03

Lab Sample ID: 200-74960-4

Date Collected: 08/28/24 13:04
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:25*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:25*	*1*

Client Sample ID: 082824W-ANX SOUTH-04

Lab Sample ID: 200-74960-5

Date Collected: 08/28/24 13:06
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:43*	*1*
Tetrachloro-m-xylene	*68*		*60 - 120*	*09/04/24 16:24*	*09/08/24 09:43*	*1*

Client Sample ID: 082824W-ANX SOUTH-05

Lab Sample ID: 200-74960-6

Date Collected: 08/28/24 13:12
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 98.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.019	U	0.019	0.0069	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1221	0.019	U	0.019	0.011	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1232	0.019	U	0.019	0.0046	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1242	0.019	U	0.019	0.0075	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1248	0.019	U	0.019	0.0066	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1254	**0.46**		0.019	0.0084	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1
PCB-1260	0.019	U	0.019	0.0069	mg/Kg	☼	09/05/24 07:08	09/06/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*44 - 135*	*09/05/24 07:08*	*09/06/24 19:31*	*1*
Tetrachloro-m-xylene	*64*		*48 - 150*	*09/05/24 07:08*	*09/06/24 19:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**98.5**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX SOUTH-05

Lab Sample ID: 200-74960-6
Date Collected: 08/28/24 13:12
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 98.4

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**1.6**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX SOUTH-06

Lab Sample ID: 200-74960-7
Date Collected: 08/28/24 13:14
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 96.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.019	U	0.019	0.0072	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1221	0.019	U	0.019	0.012	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1232	0.019	U	0.019	0.0047	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1242	0.019	U	0.019	0.0077	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1248	0.019	U	0.019	0.0068	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1254	**0.10**	**p**	0.019	0.0087	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1
PCB-1260	0.019	U	0.019	0.0072	mg/Kg	☼	09/05/24 07:08	09/06/24 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*44 - 135*	*09/05/24 07:08*	*09/06/24 19:49*	*1*
Tetrachloro-m-xylene	*70*		*48 - 150*	*09/05/24 07:08*	*09/06/24 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.1**		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	**3.9**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX SOUTH-07

Lab Sample ID: 200-74960-8
Date Collected: 08/28/24 13:16
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 98.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0073	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1232	0.020	U	0.020	0.0048	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1242	0.020	U	0.020	0.0079	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1248	0.020	U	0.020	0.0069	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1254	**0.028**	**p**	0.020	0.0089	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1
PCB-1260	0.020	U	0.020	0.0073	mg/Kg	☼	09/05/24 07:08	09/06/24 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*44 - 135*	*09/05/24 07:08*	*09/06/24 20:07*	*1*
Tetrachloro-m-xylene	*68*		*48 - 150*	*09/05/24 07:08*	*09/06/24 20:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**98.3**		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	**1.7**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX SOUTH-08

Lab Sample ID: 200-74960-9

Date Collected: 08/28/24 13:48
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 94.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0075	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1232	0.020	U	0.020	0.0049	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1242	0.020	U	0.020	0.0081	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1248	0.020	U	0.020	0.0071	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1254	0.020	U	0.020	0.0091	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1
PCB-1260	**0.011**	**J**	0.020	0.0075	mg/Kg	☼	09/05/24 07:08	09/06/24 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*44 - 135*	*09/05/24 07:08*	*09/06/24 20:59*	*1*
Tetrachloro-m-xylene	*59*		*48 - 150*	*09/05/24 07:08*	*09/06/24 20:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**94.0**		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	**6.0**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX NORTH-09

Lab Sample ID: 200-74960-10

Date Collected: 08/28/24 13:40
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:00*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:00*	*1*

Client Sample ID: 082824W-ANX NORTH-10

Lab Sample ID: 200-74960-11

Date Collected: 08/28/24 13:43
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:18*	*1*

Client Sample ID: 082824W-ANX NORTH-10

Lab Sample ID: 200-74960-11
Date Collected: 08/28/24 13:43
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*68*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:18*	*1*

Client Sample ID: 082824W-ANX NORTH-11

Lab Sample ID: 200-74960-12
Date Collected: 08/28/24 13:46
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*76*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:35*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:35*	*1*

Client Sample ID: 082824W-ANX NORTH-12

Lab Sample ID: 200-74960-13
Date Collected: 08/28/24 13:49
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*69*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:53*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 10:53*	*1*

Client Sample ID: 082824S-ANX NORTH-13

Lab Sample ID: 200-74960-14
Date Collected: 08/28/24 14:00
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 92.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.021	U	0.021	0.0077	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1221	0.021	U	0.021	0.012	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1232	0.021	U	0.021	0.0051	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1242	0.021	U	0.021	0.0083	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1248	0.021	U	0.021	0.0073	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1254	**0.050**		0.021	0.0094	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1
PCB-1260	0.021	U	0.021	0.0077	mg/Kg	☼	09/05/24 07:08	09/06/24 23:21	1

Client Sample ID: 082824S-ANX NORTH-13

Lab Sample ID: 200-74960-14
Date Collected: 08/28/24 14:00
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 92.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*44 - 135*	*09/05/24 07:08*	*09/06/24 23:21*	*1*
Tetrachloro-m-xylene	*70*		*48 - 150*	*09/05/24 07:08*	*09/06/24 23:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**92.7**		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	**7.3**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824S-ANX NORTH-N8

Lab Sample ID: 200-74960-15
Date Collected: 08/28/24 14:03
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 91.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0075	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1232	0.020	U	0.020	0.0050	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1242	0.020	U	0.020	0.0081	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1248	0.020	U	0.020	0.0071	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1254	**0.65**		0.020	0.0091	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1
PCB-1260	0.020	U	0.020	0.0075	mg/Kg	☼	09/05/24 07:08	09/06/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*44 - 135*	*09/05/24 07:08*	*09/06/24 23:38*	*1*
Tetrachloro-m-xylene	*63*		*48 - 150*	*09/05/24 07:08*	*09/06/24 23:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**91.3**		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	**8.7**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824S-ANX NORTH-14

Lab Sample ID: 200-74960-16
Date Collected: 08/28/24 14:06
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 92.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.021	U	0.021	0.0077	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1221	0.021	U	0.021	0.012	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1232	0.021	U	0.021	0.0051	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1242	0.021	U	0.021	0.0083	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1248	0.021	U	0.021	0.0073	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1254	**0.91**		0.021	0.0093	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1
PCB-1260	0.021	U	0.021	0.0077	mg/Kg	☼	09/11/24 16:50	09/12/24 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*44 - 135*	*09/11/24 16:50*	*09/12/24 13:27*	*1*
Tetrachloro-m-xylene	*68*		*48 - 150*	*09/11/24 16:50*	*09/12/24 13:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**92.7**		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824S-ANX NORTH-14

Lab Sample ID: 200-74960-16
Date Collected: 08/28/24 14:06
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 92.7

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	7.3		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824S-ANX NORTH-15

Lab Sample ID: 200-74960-17
Date Collected: 08/28/24 14:09
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 94.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0073	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1232	0.020	U	0.020	0.0048	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1242	0.020	U	0.020	0.0079	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1248	0.020	U	0.020	0.0069	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1254	0.26	p	0.020	0.0088	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1
PCB-1260	0.020	U	0.020	0.0073	mg/Kg	☼	09/11/24 16:50	09/12/24 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*44 - 135*	*09/11/24 16:50*	*09/12/24 13:44*	*1*
Tetrachloro-m-xylene	*67*		*48 - 150*	*09/11/24 16:50*	*09/12/24 13:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	94.5		0.1	0.1	%			09/05/24 14:05	1
Percent Moisture (SM22 2540G)	5.5		0.1	0.1	%			09/05/24 14:05	1

Client Sample ID: 082824W-ANX -N7

Lab Sample ID: 200-74960-18
Date Collected: 08/28/24 14:15
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:11*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:11*	*1*

Client Sample ID: 082824W-ANX -N9

Lab Sample ID: 200-74960-19
Date Collected: 08/28/24 14:30
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX -N9
Date Collected: 08/28/24 14:30
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-19
Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:28*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:28*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(44-135)	(48-150)
200-74960-6	082824W-ANX SOUTH-05	72	64
200-74960-7	082824W-ANX SOUTH-06	81	70
200-74960-8	082824W-ANX SOUTH-07	77	68
200-74960-9	082824W-ANX SOUTH-08	60	59
200-74960-14	082824S-ANX NORTH-13	76	70
200-74960-16	082824S-ANX NORTH-14	76	68
200-74960-17	082824S-ANX NORTH-15	82	67

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX2
Lab Sample ID	Client Sample ID	(44-135)	(48-150)
200-74960-15	082824S-ANX NORTH-N8	70	63
MB 580-470347/1-A	Method Blank	96	79

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX1
Lab Sample ID	Client Sample ID	(44-135)	(48-150)
LCS 580-470347/2-A	Lab Control Sample	87	80
LCS 580-471141/2-A	Lab Control Sample	77	77
MB 580-471141/1-A	Method Blank	86	84

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74960-1	082824W-ANX SOUTH -01	68	64
200-74960-2	082824W-ANX SOUTH -02	68	67
200-74960-3	082824W-ANX SOUTH-N8	72	67
200-74960-4	082824W-ANX SOUTH-03	67	69
200-74960-5	082824W-ANX SOUTH-04	69	68
200-74960-10	082824W-ANX NORTH-09	76	70
200-74960-11	082824W-ANX NORTH-10	73	68

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCBP1 (60-120)	TCX1 (60-120)								
200-74960-12	082824W-ANX NORTH-11	76	69								
200-74960-13	082824W-ANX NORTH-12	69	67								
200-74960-18	082824W-ANX -N7	70	65								
200-74960-19	082824W-ANX -N9	71	67								
LCS 580-470306/2-A	Lab Control Sample	93	96								
LCSD 580-470306/3-A	Lab Control Sample Dup	105	97								
MB 580-470306/1-A	Method Blank	93	92								

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 580-470306/1-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*60 - 120*	*09/04/24 16:24*	*09/08/24 07:39*	*1*
Tetrachloro-m-xylene	*92*		*60 - 120*	*09/04/24 16:24*	*09/08/24 07:39*	*1*

Lab Sample ID: LCS 580-470306/2-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470306

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.03		ug/Wipe		103	60 - 120		
PCB-1260			1.00	1.02		ug/Wipe		102	60 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*60 - 120*
Tetrachloro-m-xylene	*96*		*60 - 120*

Lab Sample ID: LCSD 580-470306/3-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.06		ug/Wipe		106	60 - 120	3	10
PCB-1260			1.00	1.05		ug/Wipe		105	60 - 120	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*60 - 120*
Tetrachloro-m-xylene	*97*		*60 - 120*

Lab Sample ID: MB 580-470347/1-A
Matrix: Solid
Analysis Batch: 470545

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0074	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1232	0.020	U	0.020	0.0049	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1242	0.020	U	0.020	0.0080	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1248	0.020	U	0.020	0.0070	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1254	0.020	U	0.020	0.0090	mg/Kg		09/05/24 07:08	09/06/24 12:52	1
PCB-1260	0.020	U	0.020	0.0074	mg/Kg		09/05/24 07:08	09/06/24 12:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		44 - 135	09/05/24 07:08	09/06/24 12:52	1
Tetrachloro-m-xylene	79		48 - 150	09/05/24 07:08	09/06/24 12:52	1

Lab Sample ID: LCS 580-470347/2-A
Matrix: Solid
Analysis Batch: 470545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470347

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.100	0.0842		mg/Kg		84	42 - 150		
PCB-1260			0.100	0.0832		mg/Kg		83	43 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	87		44 - 135
Tetrachloro-m-xylene	80		48 - 150

Lab Sample ID: MB 580-471141/1-A
Matrix: Solid
Analysis Batch: 471135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 471141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.020	U	0.020	0.0074	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1221	0.020	U	0.020	0.012	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1232	0.020	U	0.020	0.0049	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1242	0.020	U	0.020	0.0080	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1248	0.020	U	0.020	0.0070	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1254	0.020	U	0.020	0.0090	mg/Kg		09/11/24 16:49	09/12/24 11:58	1
PCB-1260	0.020	U	0.020	0.0074	mg/Kg		09/11/24 16:49	09/12/24 11:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		44 - 135	09/11/24 16:49	09/12/24 11:58	1
Tetrachloro-m-xylene	84		48 - 150	09/11/24 16:49	09/12/24 11:58	1

Lab Sample ID: LCS 580-471141/2-A
Matrix: Solid
Analysis Batch: 471135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 471141

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.100	0.0757		mg/Kg		76	42 - 150		
PCB-1260			0.100	0.0728		mg/Kg		73	43 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	77		44 - 135
Tetrachloro-m-xylene	77		48 - 150

GC Semi VOA

Prep Batch: 470306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-1	082824W-ANX SOUTH -01	Total/NA	Wipe	3580A	
200-74960-2	082824W-ANX SOUTH -02	Total/NA	Wipe	3580A	
200-74960-3	082824W-ANX SOUTH-N8	Total/NA	Wipe	3580A	
200-74960-4	082824W-ANX SOUTH-03	Total/NA	Wipe	3580A	
200-74960-5	082824W-ANX SOUTH-04	Total/NA	Wipe	3580A	
200-74960-10	082824W-ANX NORTH-09	Total/NA	Wipe	3580A	
200-74960-11	082824W-ANX NORTH-10	Total/NA	Wipe	3580A	
200-74960-12	082824W-ANX NORTH-11	Total/NA	Wipe	3580A	
200-74960-13	082824W-ANX NORTH-12	Total/NA	Wipe	3580A	
200-74960-18	082824W-ANX -N7	Total/NA	Wipe	3580A	
200-74960-19	082824W-ANX -N9	Total/NA	Wipe	3580A	
MB 580-470306/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470306/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470306/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Prep Batch: 470347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-6	082824W-ANX SOUTH-05	Total/NA	Solid	3546	
200-74960-7	082824W-ANX SOUTH-06	Total/NA	Solid	3546	
200-74960-8	082824W-ANX SOUTH-07	Total/NA	Solid	3546	
200-74960-9	082824W-ANX SOUTH-08	Total/NA	Solid	3546	
200-74960-14	082824S-ANX NORTH-13	Total/NA	Solid	3546	
200-74960-15	082824S-ANX NORTH-N8	Total/NA	Solid	3546	
MB 580-470347/1-A	Method Blank	Total/NA	Solid	3546	
LCS 580-470347/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 470545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-6	082824W-ANX SOUTH-05	Total/NA	Solid	8082A	470347
200-74960-7	082824W-ANX SOUTH-06	Total/NA	Solid	8082A	470347
200-74960-8	082824W-ANX SOUTH-07	Total/NA	Solid	8082A	470347
200-74960-9	082824W-ANX SOUTH-08	Total/NA	Solid	8082A	470347
MB 580-470347/1-A	Method Blank	Total/NA	Solid	8082A	470347
LCS 580-470347/2-A	Lab Control Sample	Total/NA	Solid	8082A	470347

Analysis Batch: 470548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-14	082824S-ANX NORTH-13	Total/NA	Solid	8082A	470347
200-74960-15	082824S-ANX NORTH-N8	Total/NA	Solid	8082A	470347

Analysis Batch: 470691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-1	082824W-ANX SOUTH -01	Total/NA	Wipe	8082A	470306
200-74960-2	082824W-ANX SOUTH -02	Total/NA	Wipe	8082A	470306
200-74960-3	082824W-ANX SOUTH-N8	Total/NA	Wipe	8082A	470306
200-74960-4	082824W-ANX SOUTH-03	Total/NA	Wipe	8082A	470306
200-74960-5	082824W-ANX SOUTH-04	Total/NA	Wipe	8082A	470306
200-74960-10	082824W-ANX NORTH-09	Total/NA	Wipe	8082A	470306
200-74960-11	082824W-ANX NORTH-10	Total/NA	Wipe	8082A	470306
200-74960-12	082824W-ANX NORTH-11	Total/NA	Wipe	8082A	470306
200-74960-13	082824W-ANX NORTH-12	Total/NA	Wipe	8082A	470306

GC Semi VOA (Continued)

Analysis Batch: 470691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-18	082824W-ANX -N7	Total/NA	Wipe	8082A	470306
200-74960-19	082824W-ANX -N9	Total/NA	Wipe	8082A	470306
MB 580-470306/1-A	Method Blank	Total/NA	Wipe	8082A	470306
LCS 580-470306/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470306
LCSD 580-470306/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470306

Analysis Batch: 471135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-16	082824S-ANX NORTH-14	Total/NA	Solid	8082A	471141
200-74960-17	082824S-ANX NORTH-15	Total/NA	Solid	8082A	471141
MB 580-471141/1-A	Method Blank	Total/NA	Solid	8082A	471141
LCS 580-471141/2-A	Lab Control Sample	Total/NA	Solid	8082A	471141

Prep Batch: 471141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-16	082824S-ANX NORTH-14	Total/NA	Solid	3546	
200-74960-17	082824S-ANX NORTH-15	Total/NA	Solid	3546	
MB 580-471141/1-A	Method Blank	Total/NA	Solid	3546	
LCS 580-471141/2-A	Lab Control Sample	Total/NA	Solid	3546	

General Chemistry

Analysis Batch: 470450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74960-6	082824W-ANX SOUTH-05	Total/NA	Solid	2540G	
200-74960-7	082824W-ANX SOUTH-06	Total/NA	Solid	2540G	
200-74960-8	082824W-ANX SOUTH-07	Total/NA	Solid	2540G	
200-74960-9	082824W-ANX SOUTH-08	Total/NA	Solid	2540G	
200-74960-14	082824S-ANX NORTH-13	Total/NA	Solid	2540G	
200-74960-15	082824S-ANX NORTH-N8	Total/NA	Solid	2540G	
200-74960-16	082824S-ANX NORTH-14	Total/NA	Solid	2540G	
200-74960-17	082824S-ANX NORTH-15	Total/NA	Solid	2540G	

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX SOUTH -01
Lab Sample ID: 200-74960-1
Date Collected: 08/28/24 12:51
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 08:32

Client Sample ID: 082824W-ANX SOUTH -02
Lab Sample ID: 200-74960-2
Date Collected: 08/28/24 12:53
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 08:50

Client Sample ID: 082824W-ANX SOUTH-N8
Lab Sample ID: 200-74960-3
Date Collected: 08/28/24 12:55
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 09:07

Client Sample ID: 082824W-ANX SOUTH-03
Lab Sample ID: 200-74960-4
Date Collected: 08/28/24 13:04
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 09:25

Client Sample ID: 082824W-ANX SOUTH-04
Lab Sample ID: 200-74960-5
Date Collected: 08/28/24 13:06
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 09:43

Client Sample ID: 082824W-ANX SOUTH-05
Lab Sample ID: 200-74960-6
Date Collected: 08/28/24 13:12
Matrix: Solid
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX SOUTH-05
Lab Sample ID: 200-74960-6
Date Collected: 08/28/24 13:12
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470545	VLF	EET SEA	09/06/24 19:31

Client Sample ID: 082824W-ANX SOUTH-06
Lab Sample ID: 200-74960-7
Date Collected: 08/28/24 13:14
Matrix: Solid
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Client Sample ID: 082824W-ANX SOUTH-06
Lab Sample ID: 200-74960-7
Date Collected: 08/28/24 13:14
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470545	VLF	EET SEA	09/06/24 19:49

Client Sample ID: 082824W-ANX SOUTH-07
Lab Sample ID: 200-74960-8
Date Collected: 08/28/24 13:16
Matrix: Solid
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Client Sample ID: 082824W-ANX SOUTH-07
Lab Sample ID: 200-74960-8
Date Collected: 08/28/24 13:16
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470545	VLF	EET SEA	09/06/24 20:07

Client Sample ID: 082824W-ANX SOUTH-08
Lab Sample ID: 200-74960-9
Date Collected: 08/28/24 13:48
Matrix: Solid
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824W-ANX SOUTH-08
Lab Sample ID: 200-74960-9

Date Collected: 08/28/24 13:48
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470545	VLF	EET SEA	09/06/24 20:59

Client Sample ID: 082824W-ANX NORTH-09
Lab Sample ID: 200-74960-10

Date Collected: 08/28/24 13:40
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 10:00

Client Sample ID: 082824W-ANX NORTH-10
Lab Sample ID: 200-74960-11

Date Collected: 08/28/24 13:43
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 10:18

Client Sample ID: 082824W-ANX NORTH-11
Lab Sample ID: 200-74960-12

Date Collected: 08/28/24 13:46
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 10:35

Client Sample ID: 082824W-ANX NORTH-12
Lab Sample ID: 200-74960-13

Date Collected: 08/28/24 13:49
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 10:53

Client Sample ID: 082824S-ANX NORTH-13
Lab Sample ID: 200-74960-14

Date Collected: 08/28/24 14:00
Matrix: Solid
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824S-ANX NORTH-13
Date Collected: 08/28/24 14:00
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-14
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/06/24 23:21

Client Sample ID: 082824S-ANX NORTH-N8
Date Collected: 08/28/24 14:03
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Client Sample ID: 082824S-ANX NORTH-N8
Date Collected: 08/28/24 14:03
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-15
Matrix: Solid
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			470347	TOA	EET SEA	09/05/24 07:08
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/06/24 23:38

Client Sample ID: 082824S-ANX NORTH-14
Date Collected: 08/28/24 14:06
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Client Sample ID: 082824S-ANX NORTH-14
Date Collected: 08/28/24 14:06
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-16
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			471141	ER	EET SEA	09/11/24 16:50
Total/NA	Analysis	8082A		1	471135	VLF	EET SEA	09/12/24 13:27

Client Sample ID: 082824S-ANX NORTH-15
Date Collected: 08/28/24 14:09
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74960-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	470450	MJ	EET SEA	09/05/24 14:05

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Client Sample ID: 082824S-ANX NORTH-15

Lab Sample ID: 200-74960-17

Date Collected: 08/28/24 14:09
Matrix: Solid
Date Received: 08/29/24 11:45
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			471141	ER	EET SEA	09/11/24 16:50
Total/NA	Analysis	8082A		1	471135	VLF	EET SEA	09/12/24 13:44

Client Sample ID: 082824W-ANX -N7

Lab Sample ID: 200-74960-18

Date Collected: 08/28/24 14:15
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 11:11

Client Sample ID: 082824W-ANX -N9

Lab Sample ID: 200-74960-19

Date Collected: 08/28/24 14:30
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 11:28

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Laboratory: Eurofins Seattle

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-24 *
Florida	NELAP	E87575	06-30-25
Louisiana	NELAP	03073	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
Montana (UST)	State	NA	04-14-27
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-24	07-13-25
Wisconsin	State	399133460	08-31-24 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET SEA
2540G	SM 2540G	SM22	EET SEA
3546	Microwave Extraction	SW846	EET SEA
3580A	Extraction of PCBs (Wipe Samples)	SW846	EET SEA
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET SEA

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74960-1
SDG: 200-74960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74960-1	082824W-ANX SOUTH -01	Wipe	08/28/24 12:51	08/29/24 11:45
200-74960-2	082824W-ANX SOUTH -02	Wipe	08/28/24 12:53	08/29/24 11:45
200-74960-3	082824W-ANX SOUTH-N8	Wipe	08/28/24 12:55	08/29/24 11:45
200-74960-4	082824W-ANX SOUTH-03	Wipe	08/28/24 13:04	08/29/24 11:45
200-74960-5	082824W-ANX SOUTH-04	Wipe	08/28/24 13:06	08/29/24 11:45
200-74960-6	082824W-ANX SOUTH-05	Solid	08/28/24 13:12	08/29/24 11:45
200-74960-7	082824W-ANX SOUTH-06	Solid	08/28/24 13:14	08/29/24 11:45
200-74960-8	082824W-ANX SOUTH-07	Solid	08/28/24 13:16	08/29/24 11:45
200-74960-9	082824W-ANX SOUTH-08	Solid	08/28/24 13:48	08/29/24 11:45
200-74960-10	082824W-ANX NORTH-09	Wipe	08/28/24 13:40	08/29/24 11:45
200-74960-11	082824W-ANX NORTH-10	Wipe	08/28/24 13:43	08/29/24 11:45
200-74960-12	082824W-ANX NORTH-11	Wipe	08/28/24 13:46	08/29/24 11:45
200-74960-13	082824W-ANX NORTH-12	Wipe	08/28/24 13:49	08/29/24 11:45
200-74960-14	082824S-ANX NORTH-13	Solid	08/28/24 14:00	08/29/24 11:45
200-74960-15	082824S-ANX NORTH-N8	Solid	08/28/24 14:03	08/29/24 11:45
200-74960-16	082824S-ANX NORTH-14	Solid	08/28/24 14:06	08/29/24 11:45
200-74960-17	082824S-ANX NORTH-15	Solid	08/28/24 14:09	08/29/24 11:45
200-74960-18	082824W-ANX -N7	Wipe	08/28/24 14:15	08/29/24 11:45
200-74960-19	082824W-ANX -N9	Wipe	08/28/24 14:30	08/29/24 11:45

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone:	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 4~~ 1 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:	Analysis Requested		Job #:
Address: 406 North 2nd Street	Due Date Requested:			Preservation Codes: N - None
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Annex Exterior	SSOW#:			Other:

200-74960 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs		Special Instructions/Note:
			Preservation Code:				N		
082824w-ANX South-01	8-28-24	12:51		Wipe			/		On epoxy
082824w-ANX South-02		12:53		Wipe			/		On epoxy
082824w-ANX South-~~03~~ N8		12:55		Wipe			/		On epoxy
082824w-ANX South-~~04~~ 03		~~01~~ 1:04		Wipe			/		On epoxy
082824w-ANX South-04		1:06		Wipe			/		On epoxy
082824s-ANX South-05		1:12		~~Wipe~~ Soil			/		Soil
082824s-ANX South-06		1:14		~~Wipe~~ Soil			/		Soil
082824s-ANX South-07		1:16		~~Wipe~~ Soil			/		Soil
082824s-ANX South-08		1:18		~~Wipe~~ Soil			/		Soil
082824w-ANX North-09		1:40		Wipe			/		on epoxy
082824w-ANX North-10		1:43		Wipe			/		on epoxy

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: wipe samples 100^{2}cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	FEN
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TH4 81/7.6 IR/Ice/Other/CP

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone:	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 1 of 1~~ 2 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Annex Exterior	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082824w-ANX North-11	8-28-24	11:46		Wipe			1		on epoxy
082824w-ANX North-12		11:49		Wipe			1		on epoxy
082824s-ANX North-13		2:00		~~Wipe~~ soil			1		soil
082824s-ANX North-N8		2:03		~~Wipe~~ soil			1		soil
082824s-ANX North-14		2:06		~~Wipe~~ soil			1		soil
082824s-ANX North-15		2:09		~~Wipe~~ soil			1		soil
082824w-ANX ~~North~~ N7		2:15		Wipe			1		
082824w-ANX-N9		4:30		Wipe			1		
				Wipe					
				Wipe					
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1B14 8.1 7.8

1B1 ice/other/CD.

 9/13/2024

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74960-1
SDG Number: 200-74960-1

Login Number: 74960
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74960-1
SDG Number: 200-74960-1

Login Number: 74960
List Number: 2
Creator: Harp, Cordelia

List Source: Eurofins Seattle
List Creation: 09/03/24 01:00 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	IR 14 8.1/7.8 c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

August 27, 2024 Sampling Memorandum

FULCRUM environmental consulting

Results Memorandum

Date	August 27, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Interior Work Areas: Pod Library Classroom 1, Pod Library Classroom 17, Annex E West, Annex E East, and Annex F** **Exterior Work Areas: Administration Building, North Side and Gymnasium Building, Daycare**
Findings	**No Detected PCBs in Wipe Samples**

On August 27, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024 *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAJH000051422* (Limited RBDA Approval).

Each interior work area was constructed as a negative pressure enclosure (NPE) with a high efficiency particle air (HEPA) filter and charcoal filter equipped unit vented to the outdoors through a window opening. Each NPE was equipped with a chart strip manometer.

The NPEs remain intact and HEPA filter units in operation until final clearance results are received and quality control review is completed.

Work area preparation of these work areas began on August 12, 2024 by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy were applied. The new epoxy layers were placed to extended beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color.

As provided in the Limited RBDA Approval, one wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations, with at least one wipe sample taken in each repair or removal area. And after the polyethylene sheeting on the ground surface has been removed, one wipe sample is to be collected from the concrete or asphalt surface for every 300 square feet of concrete or asphalt surface. The exterior clearance criteria is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

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

For interior work, both wipe and air samples are required. One wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations and at least two samples will be collected for every 250 square feet of interior NPE, with a minimum of one sample and a maximum of five samples in a work area. In addition, one wipe sample will be collected from the floor surface at the exit from the NPE to determine if there has been any track-out of PCB-contaminated dust. An additional sample will be collected from any separate exit or waste loadout from the NPE. The interior clearance criteria for all wipe samples is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

A minimum of two air samples will be collected inside each NPE after completion of the work and before the removal of the NPE. If the NPE is larger than 500 square feet, an additional sample will be collected for every 500 square feet of area. The interior clearance criteria require that all air samples be at or below 100 nanograms per cubic meter (ng/m^3). Results of the air sampling are reported separately.

Exterior work included in this clearance inspection included:

- Administration Building – Five window units in one work area, each window 16 linear feet (about 64 linear feet total) and the work area totaled about 500 square feet. Two wipe samples were collected from new cured epoxy surfaces and two samples were collected from the concrete sidewalk in the work area.
- Gymnasium, Daycare – Two window units in one work area, each window 24 linear feet, and the work area totaled about 260 square feet. One wipe sample was collected from new cured epoxy surface and one sample was collected from the concrete sidewalk in the work area.
- Pod Exterior West– Three window units in one work area, each window 18 square feet, and the work area totaled 650 square feet. Two wipe samples were collected from new cured epoxy surfaces and three samples were collected from the concrete sidewalk in the work area.

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 20, 2024. Based on the extent of the work, wipe samples were collected from the cured epoxy and wipe samples were collected from the interior and exterior work areas.

- Interior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. One wipe sample was collected from cured epoxy inside each of the five interior work areas. Two interior work area samples were collected from inside each of the five work areas and one for loadout in Pod 17. One sample was collected from outside each entry to the work area. Two duplicate samples were collected from the interior work areas and one field blank and one laboratory blank, were also included in the collected samples.

- Exterior Work Areas – Samples were collected following the specified 3-day cure time of the epoxy. Ten exterior work area samples, including five from cured epoxy surfaces and six from the concrete sidewalk adjacent to the epoxy surfaces, were collected for analysis. Two duplicate wipe samples were also collected. Four quality control samples, two field blanks and two laboratory

blanks, were also included with the collected samples. See Attachment A for photographs of the sampling locations.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 10-centimeter by 10 centimeter paper template (100-square centimeters in interior area) was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74724-1 to the project samples. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Table 1: Results Summary – Interior Locations

Sample No.	Type	PCBs (µg/100 cm^2)
082024W-ANX E-EAST-01	Wipe, New Cured Epoxy	< 1.0
082024W-ANX E-EAST-02	Wipe, NPE vinyl floor tile	< 1.0
082024W-ANX E-EAST-03	Wipe, NPE carpet floor	< 1.0
082024W-ANX E-EAST-04	Wipe, Carpet flooring at egress	< 1.0
082024W-ANX E-WEST-05	Wipe, New Cured Epoxy	< 1.0
082024W-ANX E-WEST-06	Wipe, NPE vinyl floor tile	< 1.0
082024W-ANX E-WEST-07	Wipe, NPE vinyl floor tile	< 1.0
082024W-ANX E-WEST-08	Wipe, Carpet flooring at egress	< 1.0
082024W-ANX F-09	Wipe, New Cured Epoxy	< 1.0
082024W-ANX F-10	Wipe, NPE vinyl floor tile	< 1.0
082024W-ANX F-N8	Duplicate of sample 082024W-ANX F-10	< 1.0
082024W-ANX F-11	Wipe, NPE vinyl floor tile	< 1.0
082024W-ANX F-12	Wipe, NPE vinyl floor tile	< 1.0
082024W-POD ROOM 1-13	Wipe, New Cured Epoxy	< 1.0
082024W-POD ROOM 1-14	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 1-15	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 1-16	Wipe, Carpet flooring at egress	< 1.0
082024W-POD ROOM 17-17	Wipe, New Cured Epoxy	< 1.0
082024W-POD ROOM 17-18	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 17-N8	Duplicate of 082024W-POD ROOM 17-18	< 1.0
082024W-POD ROOM 17-19	Wipe, Metal on unit ventilator	< 1.0

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Yakima, Washington 98901
efulcrum.net

082024W-POD ROOM 17-20	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 17-21	Wipe, NPE outside of waste loadout	< 1.0
082024W-INTERIOR-N7	Field Blank	< 1.0
082024W-INTERIOR-N9	Laboratory Blank	< 1.0
Interior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

Table 2: Results Summary – Exterior Locations, Pod/Library Building[1]

Sample No.	Type	PCBs (µg/100 cm^2)
082024W-POD 1-01	Wipe, New Cured Epoxy (Adjacent Classroom 18)	< 1.0
082024W-POD 1-02	Wipe, New Cured Epoxy (Adjacent Classroom 20)	< 1.0
082024W-POD 1-N8	Duplicate of 082024W, Wipe, New Cured Epoxy	< 1.0
082024W-POD 1-03	Wipe, Concrete Sidewalk (Adjacent Classroom 18)	< 1.0
082024W-POD 1-09	Wipe, Concrete Sidewalk (Adjacent Classroom 19)	< 1.0
082024W-POD 1-05	Wipe, Concrete Sidewalk (Adjacent Classroom 20)	< 1.0
082024W-POD-N7	Field Blank	< 1.0
082024W-POD-N9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

[1] This sampling event does not represent all work areas on the exterior of these buildings
Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

Table 3: Results Summary – Exterior Locations, Administration Building and Gymnasium[1]

Sample No.	Type	PCBs (µg/100 cm^2)
082024W-ADM N-01	Wipe, New Cured Epoxy	< 1.0
082024W-ADM N-02	Wipe, New Cured Epoxy	< 1.0
082024W-GYM DC-03	Wipe, New Cured Epoxy	< 1.0
082024W-GYM DC-N8	Duplicate of 082024W-GYM-DC-03	< 1.0
082024W-ADM N-04	Wipe, Concrete Sidewalk	< 1.0
082024W-ADM N-05	Wipe, Concrete Sidewalk	< 1.0
082024W-GYM DC-06	Wipe, Concrete Sidewalk	< 1.0
082024W-EXTERIOR-N7	Field Blank	< 1.0
082024W-EXTERIOR-N9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

[1] This sampling event does not represent all work areas on the exterior of these buildings
Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm^2 and no Aroclor was detected at its associated method detection limit (MDL).

All results were below the exterior clearance criteria of 10 µg/100 cm^2.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

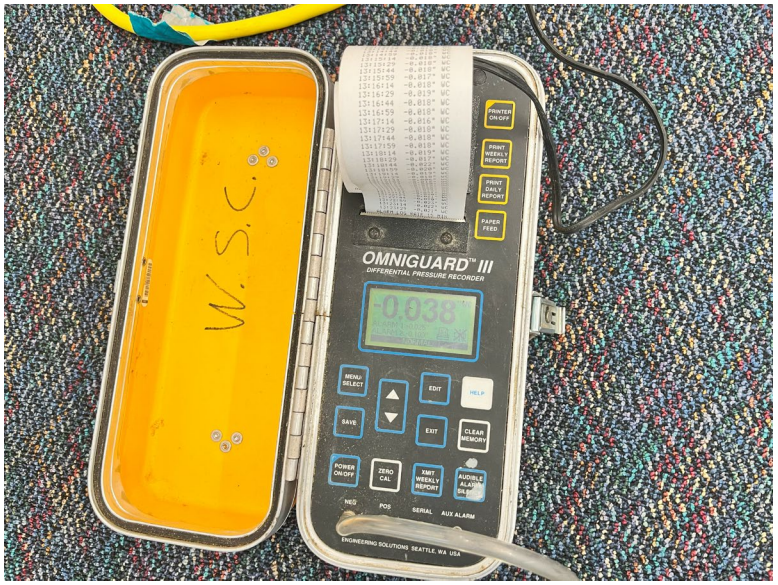
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Yakima, Washington 98901
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The south exterior of the Annex. Annex room E is at the left of the photograph.



Each interior work area was prepared as a negative pressure enclosure (NPE) as shown in Annex Room F.



Strip chart manometers were placed on each NPE.



The NPE was exhausted to the exterior.



Adhesive tape was used to define the area of the new epoxy coating application. Note: the red is the former wall paint color.



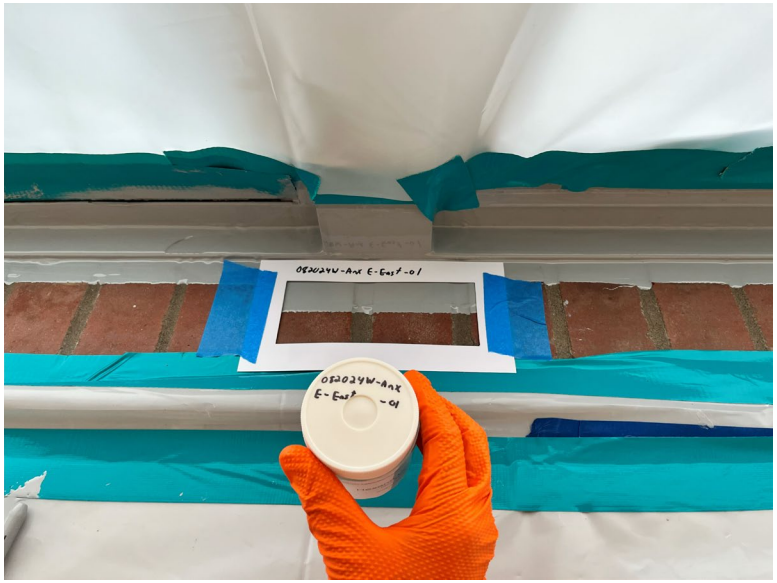
Adjacent surfaces were protected, and the extent of epoxy application designated with adhesive tape.



Epoxy coating was mixed in small quantities immediately prior to application.



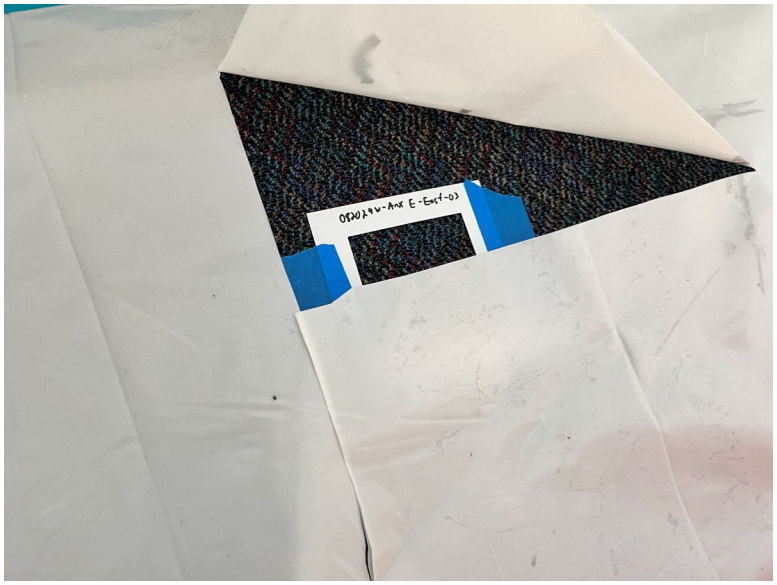
The new epoxy layer is colored gray.



Sample 082024W-ANX E-EAST-01 was collected from the epoxy coating on the window sill in Annex E East.



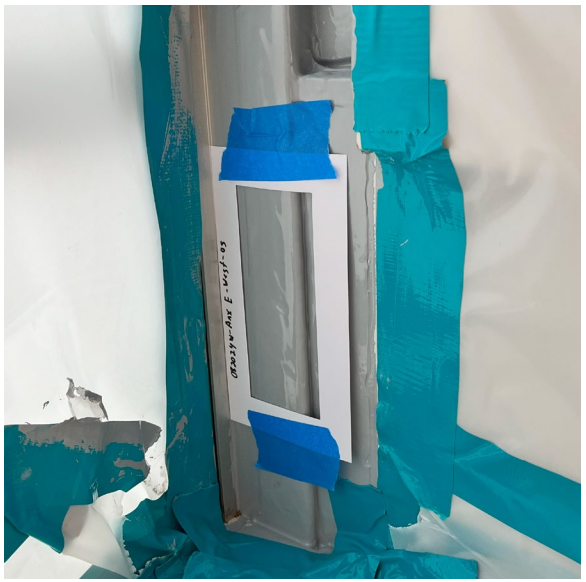
Sample 082024W-ANX E-EAST-02 was collected from the vinyl floor tile below the polyethylene sheeting of the NPE.



Sample 082024W-ANX E-EAST-03 was collected from the carpet floor below the polyethylene sheeting of the NPE.



Sample 082024W-ANX E-EAST-04 was collected from the carpet floor below the polyethylene sheeting of the NPE.



Sample 082024W-ANX E-WEST-05 was collected from the cured epoxy.



Sample 082024W-ANX E-WEST-06 was collected from the carpet floor below the polyethylene sheeting of the NPE.



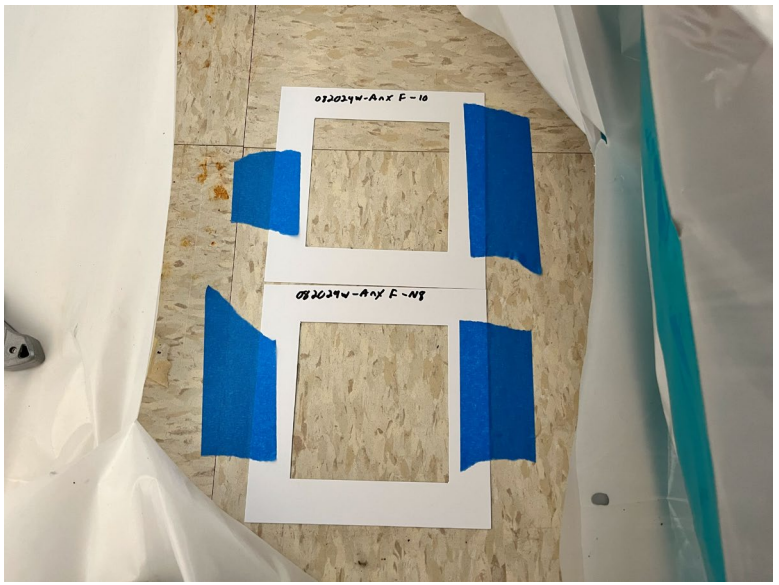
Sample 082024W-ANX E-WEST-07 was collected from the vinyl floor tile below the polyethylene sheeting of the NPE.



Sample 082024W-ANX E-WEST-08 was collected from the carpet floor Annex E West.



Sample 082024W-ANX F-09 was collected from the epoxy surface on the windowsill in Annex F.



Samples 082024W-ANX F-10 and 082024W-ANX F-N8 (field duplicate) were collected from below the polyethylene sheeting.



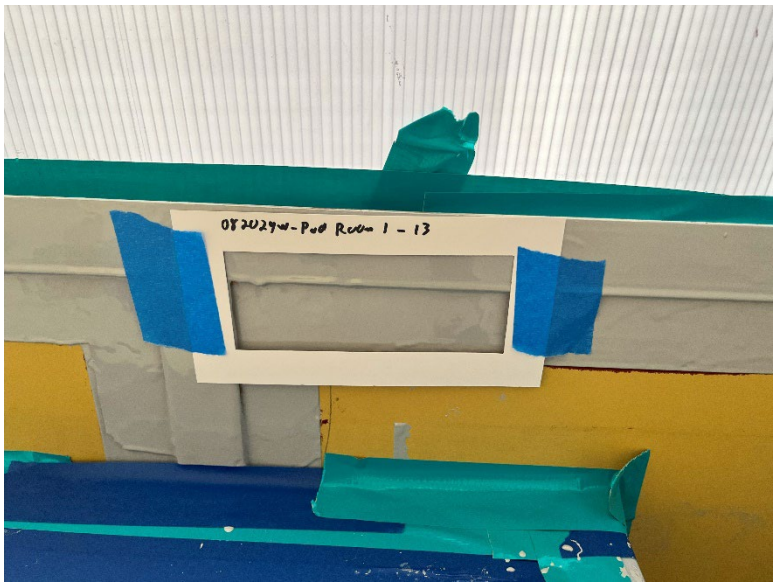
Sample 082024W-ANX F-11 was collected from the vinyl floor tile below the polyethylene sheeting of the NPE.



Sample 082024W-ANX F-12 was collected from the vinyl floor tile below the polyethylene sheeting of the NPE.



New gray epoxy as visible in Pod room 1.



Sample 082024W-POD ROOM 1-13 was collected from the epoxy surface on the windowsill in Pod classroom 1.



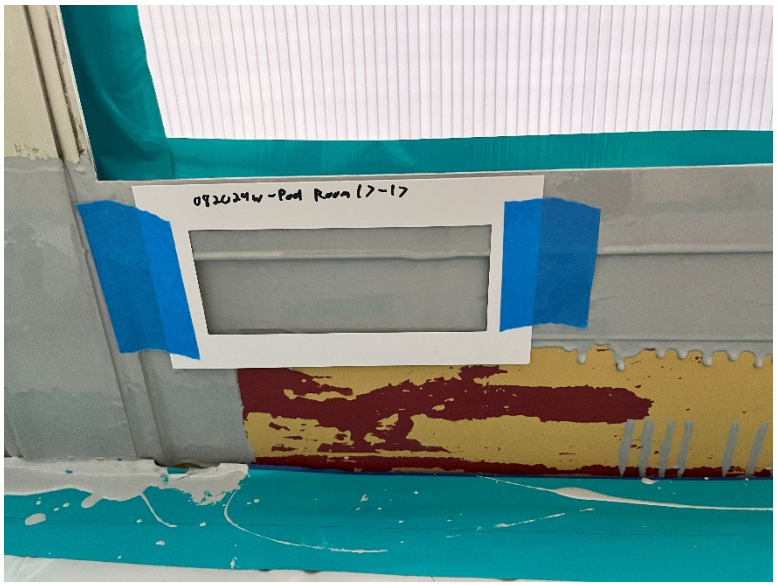
Sample 082024W-POD ROOM 1-14 was collected from the carpet floor below the polyethylene sheeting of the NPE.



Sample 082024W-POD ROOM 1-15 was collected from the carpet floor below the polyethylene sheeting of the NPE.



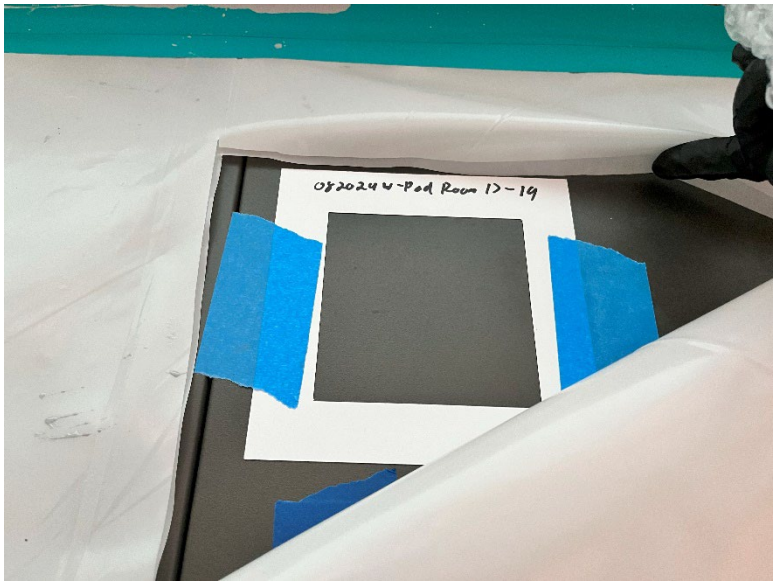
Sample 082024W-POD ROOM 1-16 was collected from the carpet floor below the polyethylene sheeting of the NPE.



Sample 082024W-POD ROOM 17-17 was collected from the epoxy in Pod room 17. The red paint is the former wall paint.



Samples 082024W-POD ROOM 17-18 and 082024W-POD ROOM 17-N8 were collected beneath the polyethylene sheeting.



Sample 082024W-POD ROOM 17-19 was collected from beneath the polyethylene sheeting on the unit ventilator.



One sample was collected below the waste loadout pathway in Room 17.



Sample 082024W-POD ROOM 17-20 was collected below the waste loadout pathway.



A sample was collected outside the NPE in Pod classroom 17.



Sample 082024W-POD ROOM 17-21 was collected from the carpet floor outside the NPE in Pod classroom 17.



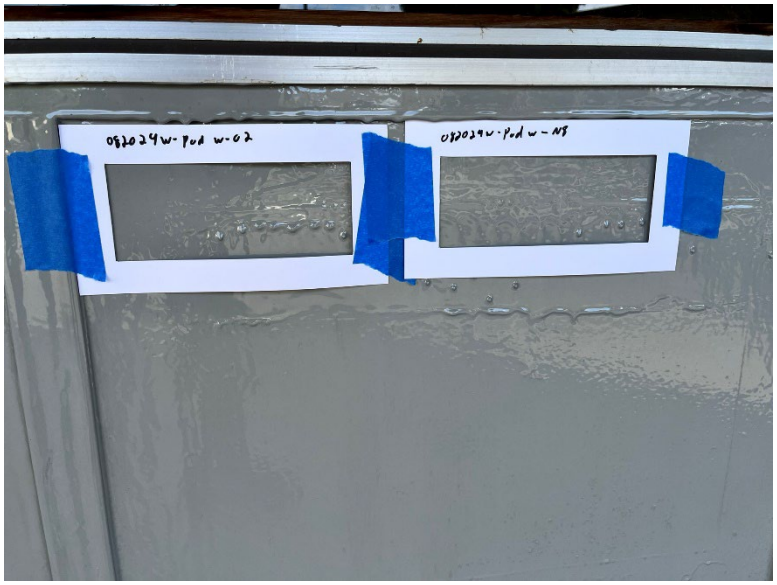
Exterior window units on the POD building were recoated with gray epoxy.



Sample 082024W-POD 1-01 from the surface of the new cured epoxy.



Samples were collected on the new cured epoxy and on the concrete sidewalk.



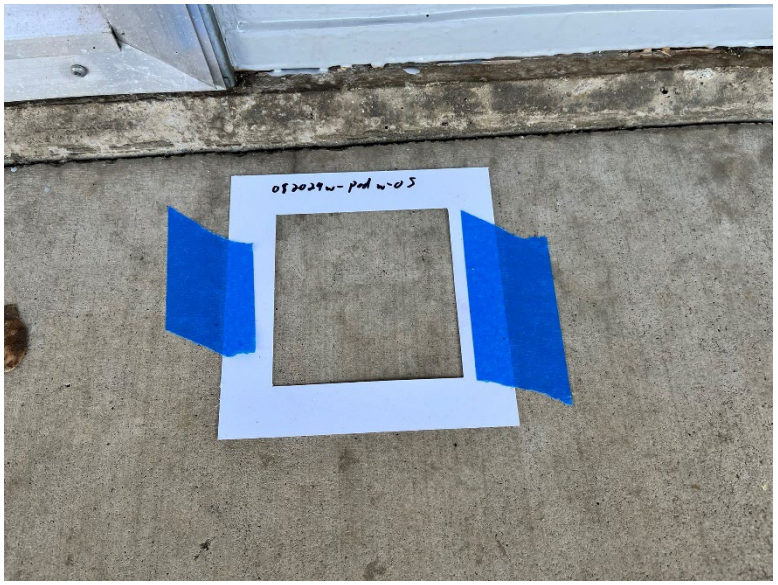
Samples 082024-POD 1-02 and 082024-POD 1-N8 (a duplicate sample) were collected from new cured epoxy.



Sample 082024W-POD 1-3 was collected from the concrete sidewalk below the epoxy recoating.



Sample 082024W-POD 1-4 was collected from the concrete sidewalk below the epoxy recoating.



Sample 082024W-POD 1-5 was collected from the concrete sidewalk below the epoxy recoating.

No photograph included



Exterior work area preparations on the north side of the Administration building.



The epoxy coating was mixed in small quantities immediately before use.



Polyethylene sheet was extended between the Administration building and the Gymnasium building for the work.



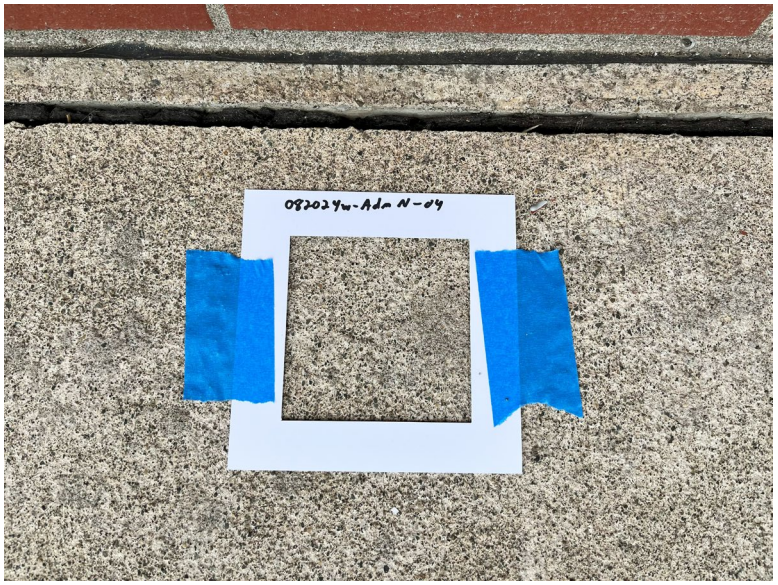
The new epoxy layer is gray. Adhesive tape was used to protect materials outside of the areas of epoxy application.



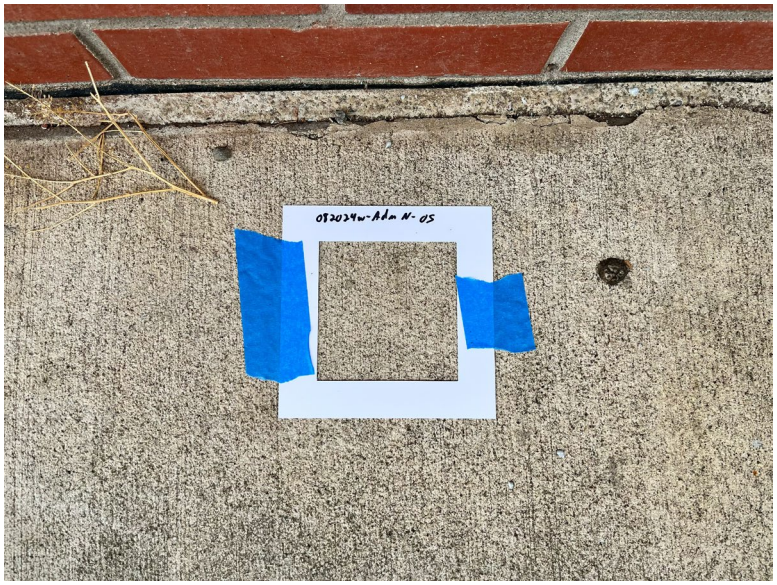
Adjacent sample locations on the north side of the Administration Building.



Sample 082024W-ADM N-01 was collected from the new epoxy coating on the exterior of the Administration building.



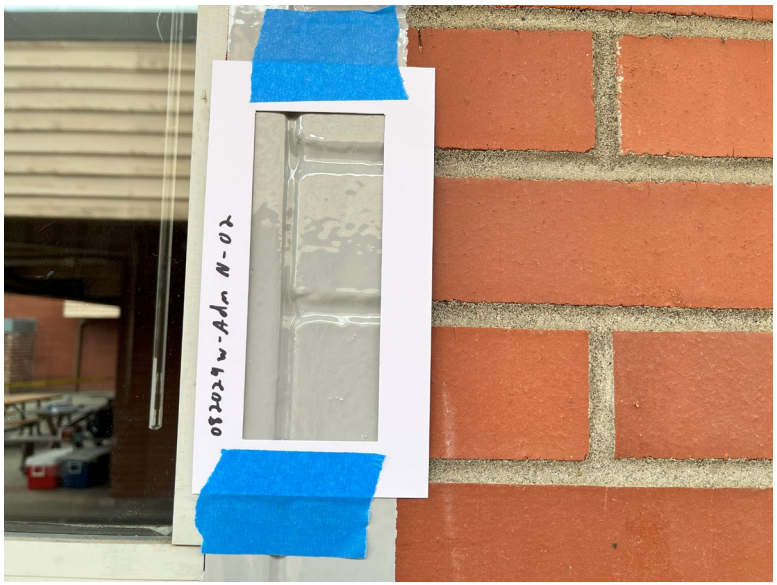
Sample 082024W-ADM N-04 was collected from the concrete sidewalk the exterior of the Administration building.



Sample 082024W-ADM N-05 was collected from the concrete sidewalk below an epoxy recoating area.



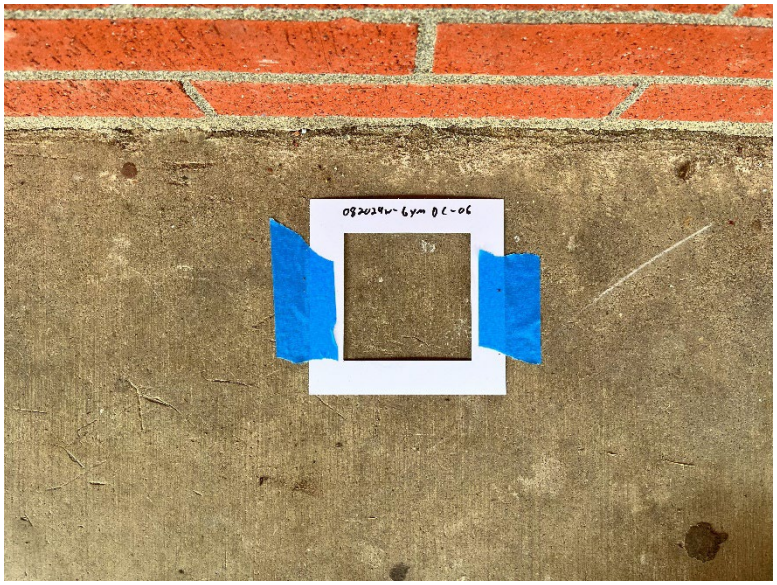
Adjacent sample areas 082024W-ADM N-05 (concrete) and 082024W-ADM N-02 (epoxy) on the north side of the building.



Sample 082024W-ADM N-02 was collected from the new epoxy coating on the north side of the Administration building.



Samples 082024W-GYM DC-03 and 082024W-GYM DC-N8 (duplicate) were collected on the exterior of the Gymnasium.



Sample 082024W-GYM DC-06 was collected from the concrete sidewalk outside of the Daycare portion of the Gymnasium.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
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Yakima, Washington 98901

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JOB DESCRIPTION

Monroe SD Sky Valley
200-74812-1

JOB NUMBER

200-74812-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 9
Surrogate Summary 25
QC Sample Results 27
QC Association Summary 30
Lab Chronicle 33
Certification Summary 40
Method Summary 41
Sample Summary 42
Chain of Custody 43
Receipt Checklists 48

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74812-1 — Eurofins Burlington

Job Narrative
200-74812-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/21/2024 10:35 AM. Unless otherwise noted below, the samples arrived in good condition and on ice. The temperature of the cooler at receipt time was 13.6°C, above the method defined limit of 6.0º C.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD 1-01 — Lab Sample ID: 200-74812-1

No Detections.

Client Sample ID: 082024W-POD 1-02 — Lab Sample ID: 200-74812-2

No Detections.

Client Sample ID: 082024W-POD 1-N8 — Lab Sample ID: 200-74812-3

No Detections.

Client Sample ID: 082024W-POD 1-03 — Lab Sample ID: 200-74812-4

No Detections.

Client Sample ID: 082024W-POD 1-09 — Lab Sample ID: 200-74812-5

No Detections.

Client Sample ID: 082024W-POD 1-05 — Lab Sample ID: 200-74812-6

No Detections.

Client Sample ID: 082024W-POD-N7 — Lab Sample ID: 200-74812-7

No Detections.

Client Sample ID: 082024W-POD-N9 — Lab Sample ID: 200-74812-8

No Detections.

Client Sample ID: 082024W-ADM N-01 — Lab Sample ID: 200-74812-9

No Detections.

Client Sample ID: 082024W-ADM N-02 — Lab Sample ID: 200-74812-10

No Detections.

Client Sample ID: 082024W-GYM DC-03 — Lab Sample ID: 200-74812-11

No Detections.

Client Sample ID: 082024W-GYM DC-N8 — Lab Sample ID: 200-74812-12

No Detections.

Client Sample ID: 082024W-ADM N-04 — Lab Sample ID: 200-74812-13

No Detections.

Client Sample ID: 082024W-ADM N-05 — Lab Sample ID: 200-74812-14

No Detections.

Client Sample ID: 082024W-GYM DC-06 — Lab Sample ID: 200-74812-15

No Detections.

Client Sample ID: 082024W-EXTERIOR-N7 — Lab Sample ID: 200-74812-16

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-EXTERIOR-N9 — **Lab Sample ID: 200-74812-17**

No Detections.

Client Sample ID: 082024W-ANX E-EAST-01 — **Lab Sample ID: 200-74812-18**

No Detections.

Client Sample ID: 082024W-ANX E-EAST-02 — **Lab Sample ID: 200-74812-19**

No Detections.

Client Sample ID: 082024W-ANX E-EAST-03 — **Lab Sample ID: 200-74812-20**

No Detections.

Client Sample ID: 082024W-ANX E-EAST-04 — **Lab Sample ID: 200-74812-21**

No Detections.

Client Sample ID: 082024W-ANX E-WEST-05 — **Lab Sample ID: 200-74812-22**

No Detections.

Client Sample ID: 082024W-ANX E-WEST-06 — **Lab Sample ID: 200-74812-23**

No Detections.

Client Sample ID: 082024W-ANX E-WEST-07 — **Lab Sample ID: 200-74812-24**

No Detections.

Client Sample ID: 082024W-ANX E-WEST-08 — **Lab Sample ID: 200-74812-25**

No Detections.

Client Sample ID: 082024W-ANX F-09 — **Lab Sample ID: 200-74812-26**

No Detections.

Client Sample ID: 082024W-ANX F-10 — **Lab Sample ID: 200-74812-27**

No Detections.

Client Sample ID: 082024W-ANX F-N8 — **Lab Sample ID: 200-74812-28**

No Detections.

Client Sample ID: 082024W-ANX F-11 — **Lab Sample ID: 200-74812-29**

No Detections.

Client Sample ID: 082024W-ANX F-12 — **Lab Sample ID: 200-74812-30**

No Detections.

Client Sample ID: 082024W-POD ROOM 1-13 — **Lab Sample ID: 200-74812-31**

No Detections.

Client Sample ID: 082024W-POD ROOM 1-14 — **Lab Sample ID: 200-74812-32**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD ROOM 1-15 — **Lab Sample ID: 200-74812-33**

No Detections.

Client Sample ID: 082024W-POD ROOM 1-16 — **Lab Sample ID: 200-74812-34**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-17 — **Lab Sample ID: 200-74812-35**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-18 — **Lab Sample ID: 200-74812-36**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-N8 — **Lab Sample ID: 200-74812-37**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-19 — **Lab Sample ID: 200-74812-38**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-20 — **Lab Sample ID: 200-74812-39**

No Detections.

Client Sample ID: 082024W-POD ROOM 17-21 — **Lab Sample ID: 200-74812-40**

No Detections.

Client Sample ID: 082024W-INTERIOR-N7 — **Lab Sample ID: 200-74812-41**

No Detections.

Client Sample ID: 082024W-INTERIOR-N9 — **Lab Sample ID: 200-74812-42**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 082024W-POD 1-01

Lab Sample ID: 200-74812-1

Date Collected: 08/20/24 13:57
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*57 - 173*	*08/21/24 11:35*	*08/21/24 23:36*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 171*	*08/21/24 11:35*	*08/21/24 23:36*	*1*

Client Sample ID: 082024W-POD 1-02

Lab Sample ID: 200-74812-2

Date Collected: 08/20/24 13:59
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*57 - 173*	*08/21/24 11:35*	*08/21/24 23:54*	*1*
DCB Decachlorobiphenyl	*85*		*59 - 171*	*08/21/24 11:35*	*08/21/24 23:54*	*1*

Client Sample ID: 082024W-POD 1-N8

Lab Sample ID: 200-74812-3

Date Collected: 08/20/24 14:01
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:11	1

Client Sample ID: 082024W-POD 1-N8

Lab Sample ID: 200-74812-3

Date Collected: 08/20/24 14:01
Matrix: Wipe
Date Received: 08/21/24 10:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		57 - 173	08/21/24 11:35	08/22/24 00:11	1
DCB Decachlorobiphenyl	81		59 - 171	08/21/24 11:35	08/22/24 00:11	1

Client Sample ID: 082024W-POD 1-03

Lab Sample ID: 200-74812-4

Date Collected: 08/20/24 14:03
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		57 - 173	08/21/24 11:35	08/22/24 00:29	1
DCB Decachlorobiphenyl	80		59 - 171	08/21/24 11:35	08/22/24 00:29	1

Client Sample ID: 082024W-POD 1-09

Lab Sample ID: 200-74812-5

Date Collected: 08/20/24 14:05
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		57 - 173	08/21/24 11:35	08/22/24 00:46	1
DCB Decachlorobiphenyl	90		59 - 171	08/21/24 11:35	08/22/24 00:46	1

Client Sample ID: 082024W-POD 1-05

Lab Sample ID: 200-74812-6

Date Collected: 08/20/24 14:07
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1

Client Sample ID: 082024W-POD 1-05

Lab Sample ID: 200-74812-6

Date Collected: 08/20/24 14:07
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/21/24 11:35*	*08/22/24 01:04*	*1*
DCB Decachlorobiphenyl	*92*		*59 - 171*	*08/21/24 11:35*	*08/22/24 01:04*	*1*

Client Sample ID: 082024W-POD-N7

Lab Sample ID: 200-74812-7

Date Collected: 08/20/24 14:09
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/21/24 11:35*	*08/22/24 01:21*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 171*	*08/21/24 11:35*	*08/22/24 01:21*	*1*

Client Sample ID: 082024W-POD-N9

Lab Sample ID: 200-74812-8

Date Collected: 08/20/24 14:35
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*57 - 173*	*08/21/24 11:35*	*08/22/24 01:39*	*1*
DCB Decachlorobiphenyl	*87*		*59 - 171*	*08/21/24 11:35*	*08/22/24 01:39*	*1*

Client Sample ID: 082024W-ADM N-01

Lab Sample ID: 200-74812-9

Date Collected: 08/20/24 12:39
Date Received: 08/21/24 10:35

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*57 - 173*	*08/21/24 11:35*	*08/22/24 01:57*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/21/24 11:35*	*08/22/24 01:57*	*1*

Client Sample ID: 082024W-ADM N-02

Lab Sample ID: 200-74812-10

Date Collected: 08/20/24 12:41
Date Received: 08/21/24 10:35

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*57 - 173*	*08/21/24 11:35*	*08/22/24 02:14*	*1*
DCB Decachlorobiphenyl	*84*		*59 - 171*	*08/21/24 11:35*	*08/22/24 02:14*	*1*

Client Sample ID: 082024W-GYM DC-03

Lab Sample ID: 200-74812-11

Date Collected: 08/20/24 12:44
Date Received: 08/21/24 10:35

Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:32	1

Client Sample ID: 082024W-GYM DC-03

Lab Sample ID: 200-74812-11

Date Collected: 08/20/24 12:44
Matrix: Wipe
Date Received: 08/21/24 10:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		57 - 173	08/21/24 11:35	08/22/24 02:32	1
DCB Decachlorobiphenyl	86		59 - 171	08/21/24 11:35	08/22/24 02:32	1

Client Sample ID: 082024W-GYM DC-N8

Lab Sample ID: 200-74812-12

Date Collected: 08/20/24 12:46
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		57 - 173	08/21/24 11:35	08/22/24 02:50	1
DCB Decachlorobiphenyl	90		59 - 171	08/21/24 11:35	08/22/24 02:50	1

Client Sample ID: 082024W-ADM N-04

Lab Sample ID: 200-74812-13

Date Collected: 08/20/24 12:49
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		57 - 173	08/21/24 11:35	08/22/24 03:07	1
DCB Decachlorobiphenyl	90		59 - 171	08/21/24 11:35	08/22/24 03:07	1

Client Sample ID: 082024W-ADM N-05

Lab Sample ID: 200-74812-14

Date Collected: 08/20/24 12:53
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1

Client Sample ID: 082024W-ADM N-05

Lab Sample ID: 200-74812-14
Date Collected: 08/20/24 12:53
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/21/24 11:35*	*08/22/24 03:25*	*1*
DCB Decachlorobiphenyl	*98*		*59 - 171*	*08/21/24 11:35*	*08/22/24 03:25*	*1*

Client Sample ID: 082024W-GYM DC-06

Lab Sample ID: 200-74812-15
Date Collected: 08/20/24 12:55
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*57 - 173*	*08/21/24 11:35*	*08/22/24 03:42*	*1*
DCB Decachlorobiphenyl	*100*		*59 - 171*	*08/21/24 11:35*	*08/22/24 03:42*	*1*

Client Sample ID: 082024W-EXTERIOR-N7

Lab Sample ID: 200-74812-16
Date Collected: 08/20/24 13:00
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/21/24 11:35*	*08/22/24 04:00*	*1*
DCB Decachlorobiphenyl	*96*		*59 - 171*	*08/21/24 11:35*	*08/22/24 04:00*	*1*

Client Sample ID: 082024W-EXTERIOR-N9

Lab Sample ID: 200-74812-17

Date Collected: 08/20/24 14:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/21/24 11:35*	*08/22/24 04:17*	*1*
DCB Decachlorobiphenyl	*92*		*59 - 171*	*08/21/24 11:35*	*08/22/24 04:17*	*1*

Client Sample ID: 082024W-ANX E-EAST-01

Lab Sample ID: 200-74812-18

Date Collected: 08/20/24 09:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*57 - 173*	*08/21/24 11:35*	*08/22/24 04:35*	*1*
DCB Decachlorobiphenyl	*95*		*59 - 171*	*08/21/24 11:35*	*08/22/24 04:35*	*1*

Client Sample ID: 082024W-ANX E-EAST-02

Lab Sample ID: 200-74812-19

Date Collected: 08/20/24 09:39
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 04:53	1

Client Sample ID: 082024W-ANX E-EAST-02

Lab Sample ID: 200-74812-19

Date Collected: 08/20/24 09:39
Matrix: Wipe
Date Received: 08/21/24 10:35

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/21/24 11:35*	*08/22/24 04:53*	*1*
DCB Decachlorobiphenyl	*101*		*59 - 171*	*08/21/24 11:35*	*08/22/24 04:53*	*1*

Client Sample ID: 082024W-ANX E-EAST-03

Lab Sample ID: 200-74812-20

Date Collected: 08/20/24 09:38
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/22/24 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/21/24 11:35*	*08/22/24 05:10*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/21/24 11:35*	*08/22/24 05:10*	*1*

Client Sample ID: 082024W-ANX E-EAST-04

Lab Sample ID: 200-74812-21

Date Collected: 08/20/24 09:42
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*57 - 173*	*08/21/24 11:38*	*08/22/24 16:38*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/21/24 11:38*	*08/22/24 16:38*	*1*

Client Sample ID: 082024W-ANX E-WEST-05

Lab Sample ID: 200-74812-22

Date Collected: 08/20/24 10:00
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1

Client Sample ID: 082024W-ANX E-WEST-05

Lab Sample ID: 200-74812-22

Date Collected: 08/20/24 10:00
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/21/24 11:38*	*08/22/24 16:55*	*1*
DCB Decachlorobiphenyl	*96*		*59 - 171*	*08/21/24 11:38*	*08/22/24 16:55*	*1*

Client Sample ID: 082024W-ANX E-WEST-06

Lab Sample ID: 200-74812-23

Date Collected: 08/20/24 10:03
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*57 - 173*	*08/21/24 11:38*	*08/22/24 17:13*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/21/24 11:38*	*08/22/24 17:13*	*1*

Client Sample ID: 082024W-ANX E-WEST-07

Lab Sample ID: 200-74812-24

Date Collected: 08/20/24 10:07
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/21/24 11:38*	*08/22/24 17:31*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/21/24 11:38*	*08/22/24 17:31*	*1*

Client Sample ID: 082024W-ANX E-WEST-08

Lab Sample ID: 200-74812-25

Date Collected: 08/20/24 10:10
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*57 - 173*	*08/21/24 11:38*	*08/22/24 17:48*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/21/24 11:38*	*08/22/24 17:48*	*1*

Client Sample ID: 082024W-ANX F-09

Lab Sample ID: 200-74812-26

Date Collected: 08/20/24 10:35
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*57 - 173*	*08/21/24 11:38*	*08/22/24 18:06*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 171*	*08/21/24 11:38*	*08/22/24 18:06*	*1*

Client Sample ID: 082024W-ANX F-10

Lab Sample ID: 200-74812-27

Date Collected: 08/20/24 10:38
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:23	1

Client Sample ID: 082024W-ANX F-10

Lab Sample ID: 200-74812-27

Date Collected: 08/20/24 10:38
Matrix: Wipe
Date Received: 08/21/24 10:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		57 - 173	08/21/24 11:38	08/22/24 18:23	1
DCB Decachlorobiphenyl	82		59 - 171	08/21/24 11:38	08/22/24 18:23	1

Client Sample ID: 082024W-ANX F-N8

Lab Sample ID: 200-74812-28

Date Collected: 08/20/24 10:40
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		57 - 173	08/21/24 11:38	08/22/24 18:41	1
DCB Decachlorobiphenyl	89		59 - 171	08/21/24 11:38	08/22/24 18:41	1

Client Sample ID: 082024W-ANX F-11

Lab Sample ID: 200-74812-29

Date Collected: 08/20/24 10:45
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		57 - 173	08/21/24 11:38	08/22/24 18:59	1
DCB Decachlorobiphenyl	88		59 - 171	08/21/24 11:38	08/22/24 18:59	1

Client Sample ID: 082024W-ANX F-12

Lab Sample ID: 200-74812-30

Date Collected: 08/20/24 10:49
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1

Client Sample ID: 082024W-ANX F-12

Lab Sample ID: 200-74812-30

Date Collected: 08/20/24 10:49
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*57 - 173*	*08/21/24 11:38*	*08/22/24 19:16*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 171*	*08/21/24 11:38*	*08/22/24 19:16*	*1*

Client Sample ID: 082024W-POD ROOM 1-13

Lab Sample ID: 200-74812-31

Date Collected: 08/20/24 11:23
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/21/24 11:38*	*08/22/24 19:34*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/21/24 11:38*	*08/22/24 19:34*	*1*

Client Sample ID: 082024W-POD ROOM 1-14

Lab Sample ID: 200-74812-32

Date Collected: 08/20/24 11:26
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/21/24 11:38*	*08/22/24 19:51*	*1*
DCB Decachlorobiphenyl	*93*		*59 - 171*	*08/21/24 11:38*	*08/22/24 19:51*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD ROOM 1-15

Lab Sample ID: 200-74812-33

Date Collected: 08/20/24 11:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*57 - 173*	*08/21/24 11:38*	*08/22/24 20:09*	*1*
DCB Decachlorobiphenyl	*89*		*59 - 171*	*08/21/24 11:38*	*08/22/24 20:09*	*1*

Client Sample ID: 082024W-POD ROOM 1-16

Lab Sample ID: 200-74812-34

Date Collected: 08/20/24 11:33
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*57 - 173*	*08/21/24 11:38*	*08/22/24 20:26*	*1*
DCB Decachlorobiphenyl	*91*		*59 - 171*	*08/21/24 11:38*	*08/22/24 20:26*	*1*

Client Sample ID: 082024W-POD ROOM 17-17

Lab Sample ID: 200-74812-35

Date Collected: 08/20/24 11:58
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 20:44	1

Client Sample ID: 082024W-POD ROOM 17-17

Lab Sample ID: 200-74812-35

Date Collected: 08/20/24 11:58
Matrix: Wipe
Date Received: 08/21/24 10:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		57 - 173	08/21/24 11:38	08/22/24 20:44	1
DCB Decachlorobiphenyl	87		59 - 171	08/21/24 11:38	08/22/24 20:44	1

Client Sample ID: 082024W-POD ROOM 17-18

Lab Sample ID: 200-74812-36

Date Collected: 08/20/24 12:01
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		57 - 173	08/21/24 11:38	08/22/24 21:01	1
DCB Decachlorobiphenyl	90		59 - 171	08/21/24 11:38	08/22/24 21:01	1

Client Sample ID: 082024W-POD ROOM 17-N8

Lab Sample ID: 200-74812-37

Date Collected: 08/20/24 12:03
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		57 - 173	08/21/24 11:38	08/22/24 21:19	1
DCB Decachlorobiphenyl	102		59 - 171	08/21/24 11:38	08/22/24 21:19	1

Client Sample ID: 082024W-POD ROOM 17-19

Lab Sample ID: 200-74812-38

Date Collected: 08/20/24 12:06
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1

Client Sample ID: 082024W-POD ROOM 17-19

Lab Sample ID: 200-74812-38
Date Collected: 08/20/24 12:06
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/21/24 11:38*	*08/22/24 22:12*	*1*
DCB Decachlorobiphenyl	*100*		*59 - 171*	*08/21/24 11:38*	*08/22/24 22:12*	*1*

Client Sample ID: 082024W-POD ROOM 17-20

Lab Sample ID: 200-74812-39
Date Collected: 08/20/24 12:09
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/21/24 11:38*	*08/22/24 22:29*	*1*
DCB Decachlorobiphenyl	*96*		*59 - 171*	*08/21/24 11:38*	*08/22/24 22:29*	*1*

Client Sample ID: 082024W-POD ROOM 17-21

Lab Sample ID: 200-74812-40
Date Collected: 08/20/24 12:11
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*57 - 173*	*08/21/24 11:38*	*08/22/24 22:47*	*1*
DCB Decachlorobiphenyl	*90*		*59 - 171*	*08/21/24 11:38*	*08/22/24 22:47*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-INTERIOR-N7

Lab Sample ID: 200-74812-41

Date Collected: 08/20/24 12:15
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*57 - 173*	*08/21/24 11:42*	*08/21/24 21:33*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/21/24 11:42*	*08/21/24 21:33*	*1*

Client Sample ID: 082024W-INTERIOR-N9

Lab Sample ID: 200-74812-42

Date Collected: 08/20/24 14:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:42	08/21/24 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*57 - 173*	*08/21/24 11:42*	*08/21/24 21:50*	*1*
DCB Decachlorobiphenyl	*80*		*59 - 171*	*08/21/24 11:42*	*08/21/24 21:50*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(57-173)	(59-171)
200-74812-1	082024W-POD 1-01	73	87
200-74812-2	082024W-POD 1-02	70	85
200-74812-3	082024W-POD 1-N8	66	81
200-74812-4	082024W-POD 1-03	65	80
200-74812-5	082024W-POD 1-09	75	90
200-74812-6	082024W-POD 1-05	79	92
200-74812-7	082024W-POD-N7	76	87
200-74812-8	082024W-POD-N9	74	87
200-74812-9	082024W-ADM N-01	78	94
200-74812-10	082024W-ADM N-02	70	84
200-74812-11	082024W-GYM DC-03	73	86
200-74812-12	082024W-GYM DC-N8	77	90
200-74812-13	082024W-ADM N-04	75	90
200-74812-14	082024W-ADM N-05	81	98
200-74812-15	082024W-GYM DC-06	84	100
200-74812-16	082024W-EXTERIOR-N7	81	96
200-74812-17	082024W-EXTERIOR-N9	76	92
200-74812-18	082024W-ANX E-EAST-01	77	95
200-74812-19	082024W-ANX E-EAST-02	86	101
200-74812-20	082024W-ANX E-EAST-03	76	94
200-74812-21	082024W-ANX E-EAST-04	74	90
200-74812-22	082024W-ANX E-WEST-05	75	96
200-74812-23	082024W-ANX E-WEST-06	72	91
200-74812-24	082024W-ANX E-WEST-07	75	94
200-74812-25	082024W-ANX E-WEST-08	73	90
200-74812-26	082024W-ANX F-09	73	89
200-74812-27	082024W-ANX F-10	65	82
200-74812-28	082024W-ANX F-N8	71	89
200-74812-29	082024W-ANX F-11	72	88
200-74812-30	082024W-ANX F-12	74	89
200-74812-31	082024W-POD ROOM 1-13	75	91
200-74812-32	082024W-POD ROOM 1-14	76	93
200-74812-33	082024W-POD ROOM 1-15	72	89
200-74812-34	082024W-POD ROOM 1-16	74	91
200-74812-35	082024W-POD ROOM 17-17	75	87
200-74812-36	082024W-POD ROOM 17-18	75	90
200-74812-37	082024W-POD ROOM 17-N8	83	102
200-74812-38	082024W-POD ROOM 17-19	81	100
200-74812-39	082024W-POD ROOM 17-20	79	96
200-74812-40	082024W-POD ROOM 17-21	75	90
200-74812-41	082024W-INTERIOR-N7	76	94
200-74812-42	082024W-INTERIOR-N9	67	80
LCS 480-722537/2-A	Lab Control Sample	91	104
LCS 480-722600/2-A	Lab Control Sample	91	99
LCS 480-722601/2-A	Lab Control Sample	87	103
LCSD 480-722537/3-A	Lab Control Sample Dup	88	102
LCSD 480-722600/3-A	Lab Control Sample Dup	91	100
LCSD 480-722601/3-A	Lab Control Sample Dup	83	103
MB 480-722537/1-A	Method Blank	92	103

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Job ID: 200-74812-1
Project/Site: Monroe SD Sky Valley
SDG: 200-74812-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCBP2								
Lab Sample ID	Client Sample ID	(57-173)	(59-171)								
MB 480-722600/1-A	Method Blank	86	98								
MB 480-722601/1-A	Method Blank	93	111								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-722537/1-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 06:58	08/21/24 19:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*57 - 173*	*08/21/24 06:58*	*08/21/24 19:47*	*1*
DCB Decachlorobiphenyl	*103*		*59 - 171*	*08/21/24 06:58*	*08/21/24 19:47*	*1*

Lab Sample ID: LCS 480-722537/2-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722537

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	19.4		ug/Wipe		97	54 - 182		
PCB-1260			20.0	18.5		ug/Wipe		93	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*57 - 173*
DCB Decachlorobiphenyl	*104*		*59 - 171*

Lab Sample ID: LCSD 480-722537/3-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722537

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	19.7		ug/Wipe		99	54 - 182	2	50
PCB-1260			20.0	18.8		ug/Wipe		94	53 - 187	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*57 - 173*
DCB Decachlorobiphenyl	*102*		*59 - 171*

Lab Sample ID: MB 480-722600/1-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-722600/1-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:35	08/21/24 22:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/21/24 11:35*	*08/21/24 22:08*	*1*
DCB Decachlorobiphenyl	*98*		*59 - 171*	*08/21/24 11:35*	*08/21/24 22:08*	*1*

Lab Sample ID: LCS 480-722600/2-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722600

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	19.0		ug/Wipe		95	54 - 182		
PCB-1260			20.0	17.9		ug/Wipe		89	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*57 - 173*
DCB Decachlorobiphenyl	*99*		*59 - 171*

Lab Sample ID: LCSD 480-722600/3-A
Matrix: Wipe
Analysis Batch: 722641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722600

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	19.1		ug/Wipe		96	54 - 182	1	50
PCB-1260			20.0	18.2		ug/Wipe		91	53 - 187	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*57 - 173*
DCB Decachlorobiphenyl	*100*		*59 - 171*

Lab Sample ID: MB 480-722601/1-A
Matrix: Wipe
Analysis Batch: 722761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/21/24 11:38	08/22/24 15:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-722601/1-A
Matrix: Wipe
Analysis Batch: 722761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722601

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		57 - 173	08/21/24 11:38	08/22/24 15:45	1
DCB Decachlorobiphenyl	111		59 - 171	08/21/24 11:38	08/22/24 15:45	1

Lab Sample ID: LCS 480-722601/2-A
Matrix: Wipe
Analysis Batch: 722761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	20.0	18.7		ug/Wipe		93	54 - 182
PCB-1260	20.0	17.9		ug/Wipe		90	53 - 187

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	87		57 - 173
DCB Decachlorobiphenyl	103		59 - 171

Lab Sample ID: LCSD 480-722601/3-A
Matrix: Wipe
Analysis Batch: 722761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722601

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	20.0	19.5		ug/Wipe		98	54 - 182	4	50
PCB-1260	20.0	18.9		ug/Wipe		94	53 - 187	5	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	83		57 - 173
DCB Decachlorobiphenyl	103		59 - 171

GC Semi VOA

Prep Batch: 722537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-41	082024W-INTERIOR-N7	Total/NA	Wipe	3550C	
200-74812-42	082024W-INTERIOR-N9	Total/NA	Wipe	3550C	
MB 480-722537/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-722537/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-722537/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Prep Batch: 722600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-1	082024W-POD 1-01	Total/NA	Wipe	3550C	
200-74812-2	082024W-POD 1-02	Total/NA	Wipe	3550C	
200-74812-3	082024W-POD 1-N8	Total/NA	Wipe	3550C	
200-74812-4	082024W-POD 1-03	Total/NA	Wipe	3550C	
200-74812-5	082024W-POD 1-09	Total/NA	Wipe	3550C	
200-74812-6	082024W-POD 1-05	Total/NA	Wipe	3550C	
200-74812-7	082024W-POD-N7	Total/NA	Wipe	3550C	
200-74812-8	082024W-POD-N9	Total/NA	Wipe	3550C	
200-74812-9	082024W-ADM N-01	Total/NA	Wipe	3550C	
200-74812-10	082024W-ADM N-02	Total/NA	Wipe	3550C	
200-74812-11	082024W-GYM DC-03	Total/NA	Wipe	3550C	
200-74812-12	082024W-GYM DC-N8	Total/NA	Wipe	3550C	
200-74812-13	082024W-ADM N-04	Total/NA	Wipe	3550C	
200-74812-14	082024W-ADM N-05	Total/NA	Wipe	3550C	
200-74812-15	082024W-GYM DC-06	Total/NA	Wipe	3550C	
200-74812-16	082024W-EXTERIOR-N7	Total/NA	Wipe	3550C	
200-74812-17	082024W-EXTERIOR-N9	Total/NA	Wipe	3550C	
200-74812-18	082024W-ANX E-EAST-01	Total/NA	Wipe	3550C	
200-74812-19	082024W-ANX E-EAST-02	Total/NA	Wipe	3550C	
200-74812-20	082024W-ANX E-EAST-03	Total/NA	Wipe	3550C	
MB 480-722600/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-722600/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-722600/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Prep Batch: 722601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-21	082024W-ANX E-EAST-04	Total/NA	Wipe	3550C	
200-74812-22	082024W-ANX E-WEST-05	Total/NA	Wipe	3550C	
200-74812-23	082024W-ANX E-WEST-06	Total/NA	Wipe	3550C	
200-74812-24	082024W-ANX E-WEST-07	Total/NA	Wipe	3550C	
200-74812-25	082024W-ANX E-WEST-08	Total/NA	Wipe	3550C	
200-74812-26	082024W-ANX F-09	Total/NA	Wipe	3550C	
200-74812-27	082024W-ANX F-10	Total/NA	Wipe	3550C	
200-74812-28	082024W-ANX F-N8	Total/NA	Wipe	3550C	
200-74812-29	082024W-ANX F-11	Total/NA	Wipe	3550C	
200-74812-30	082024W-ANX F-12	Total/NA	Wipe	3550C	
200-74812-31	082024W-POD ROOM 1-13	Total/NA	Wipe	3550C	
200-74812-32	082024W-POD ROOM 1-14	Total/NA	Wipe	3550C	
200-74812-33	082024W-POD ROOM 1-15	Total/NA	Wipe	3550C	
200-74812-34	082024W-POD ROOM 1-16	Total/NA	Wipe	3550C	
200-74812-35	082024W-POD ROOM 17-17	Total/NA	Wipe	3550C	
200-74812-36	082024W-POD ROOM 17-18	Total/NA	Wipe	3550C	
200-74812-37	082024W-POD ROOM 17-N8	Total/NA	Wipe	3550C	

GC Semi VOA (Continued)

Prep Batch: 722601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-38	082024W-POD ROOM 17-19	Total/NA	Wipe	3550C	
200-74812-39	082024W-POD ROOM 17-20	Total/NA	Wipe	3550C	
200-74812-40	082024W-POD ROOM 17-21	Total/NA	Wipe	3550C	
MB 480-722601/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-722601/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-722601/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 722641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-1	082024W-POD 1-01	Total/NA	Wipe	8082A	722600
200-74812-2	082024W-POD 1-02	Total/NA	Wipe	8082A	722600
200-74812-3	082024W-POD 1-N8	Total/NA	Wipe	8082A	722600
200-74812-4	082024W-POD 1-03	Total/NA	Wipe	8082A	722600
200-74812-5	082024W-POD 1-09	Total/NA	Wipe	8082A	722600
200-74812-6	082024W-POD 1-05	Total/NA	Wipe	8082A	722600
200-74812-7	082024W-POD-N7	Total/NA	Wipe	8082A	722600
200-74812-8	082024W-POD-N9	Total/NA	Wipe	8082A	722600
200-74812-9	082024W-ADM N-01	Total/NA	Wipe	8082A	722600
200-74812-10	082024W-ADM N-02	Total/NA	Wipe	8082A	722600
200-74812-11	082024W-GYM DC-03	Total/NA	Wipe	8082A	722600
200-74812-12	082024W-GYM DC-N8	Total/NA	Wipe	8082A	722600
200-74812-13	082024W-ADM N-04	Total/NA	Wipe	8082A	722600
200-74812-14	082024W-ADM N-05	Total/NA	Wipe	8082A	722600
200-74812-15	082024W-GYM DC-06	Total/NA	Wipe	8082A	722600
200-74812-16	082024W-EXTERIOR-N7	Total/NA	Wipe	8082A	722600
200-74812-17	082024W-EXTERIOR-N9	Total/NA	Wipe	8082A	722600
200-74812-18	082024W-ANX E-EAST-01	Total/NA	Wipe	8082A	722600
200-74812-19	082024W-ANX E-EAST-02	Total/NA	Wipe	8082A	722600
200-74812-20	082024W-ANX E-EAST-03	Total/NA	Wipe	8082A	722600
200-74812-41	082024W-INTERIOR-N7	Total/NA	Wipe	8082A	722537
200-74812-42	082024W-INTERIOR-N9	Total/NA	Wipe	8082A	722537
MB 480-722537/1-A	Method Blank	Total/NA	Wipe	8082A	722537
MB 480-722600/1-A	Method Blank	Total/NA	Wipe	8082A	722600
LCS 480-722537/2-A	Lab Control Sample	Total/NA	Wipe	8082A	722537
LCS 480-722600/2-A	Lab Control Sample	Total/NA	Wipe	8082A	722600
LCSD 480-722537/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	722537
LCSD 480-722600/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	722600

Analysis Batch: 722761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-21	082024W-ANX E-EAST-04	Total/NA	Wipe	8082A	722601
200-74812-22	082024W-ANX E-WEST-05	Total/NA	Wipe	8082A	722601
200-74812-23	082024W-ANX E-WEST-06	Total/NA	Wipe	8082A	722601
200-74812-24	082024W-ANX E-WEST-07	Total/NA	Wipe	8082A	722601
200-74812-25	082024W-ANX E-WEST-08	Total/NA	Wipe	8082A	722601
200-74812-26	082024W-ANX F-09	Total/NA	Wipe	8082A	722601
200-74812-27	082024W-ANX F-10	Total/NA	Wipe	8082A	722601
200-74812-28	082024W-ANX F-N8	Total/NA	Wipe	8082A	722601
200-74812-29	082024W-ANX F-11	Total/NA	Wipe	8082A	722601
200-74812-30	082024W-ANX F-12	Total/NA	Wipe	8082A	722601
200-74812-31	082024W-POD ROOM 1-13	Total/NA	Wipe	8082A	722601

GC Semi VOA (Continued)

Analysis Batch: 722761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74812-32	082024W-POD ROOM 1-14	Total/NA	Wipe	8082A	722601
200-74812-33	082024W-POD ROOM 1-15	Total/NA	Wipe	8082A	722601
200-74812-34	082024W-POD ROOM 1-16	Total/NA	Wipe	8082A	722601
200-74812-35	082024W-POD ROOM 17-17	Total/NA	Wipe	8082A	722601
200-74812-36	082024W-POD ROOM 17-18	Total/NA	Wipe	8082A	722601
200-74812-37	082024W-POD ROOM 17-N8	Total/NA	Wipe	8082A	722601
200-74812-38	082024W-POD ROOM 17-19	Total/NA	Wipe	8082A	722601
200-74812-39	082024W-POD ROOM 17-20	Total/NA	Wipe	8082A	722601
200-74812-40	082024W-POD ROOM 17-21	Total/NA	Wipe	8082A	722601
MB 480-722601/1-A	Method Blank	Total/NA	Wipe	8082A	722601
LCS 480-722601/2-A	Lab Control Sample	Total/NA	Wipe	8082A	722601
LCSD 480-722601/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	722601

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD 1-01
Date Collected: 08/20/24 13:57
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-1
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/21/24 23:36

Client Sample ID: 082024W-POD 1-02
Date Collected: 08/20/24 13:59
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-2
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/21/24 23:54

Client Sample ID: 082024W-POD 1-N8
Date Collected: 08/20/24 14:01
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-3
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 00:11

Client Sample ID: 082024W-POD 1-03
Date Collected: 08/20/24 14:03
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-4
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 00:29

Client Sample ID: 082024W-POD 1-09
Date Collected: 08/20/24 14:05
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-5
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 00:46

Client Sample ID: 082024W-POD 1-05
Date Collected: 08/20/24 14:07
Date Received: 08/21/24 10:35

Lab Sample ID: 200-74812-6
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 01:04

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD-N7
Lab Sample ID: 200-74812-7
Date Collected: 08/20/24 14:09
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 01:21

Client Sample ID: 082024W-POD-N9
Lab Sample ID: 200-74812-8
Date Collected: 08/20/24 14:35
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 01:39

Client Sample ID: 082024W-ADM N-01
Lab Sample ID: 200-74812-9
Date Collected: 08/20/24 12:39
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 01:57

Client Sample ID: 082024W-ADM N-02
Lab Sample ID: 200-74812-10
Date Collected: 08/20/24 12:41
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 02:14

Client Sample ID: 082024W-GYM DC-03
Lab Sample ID: 200-74812-11
Date Collected: 08/20/24 12:44
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 02:32

Client Sample ID: 082024W-GYM DC-N8
Lab Sample ID: 200-74812-12
Date Collected: 08/20/24 12:46
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 02:50

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-ADM N-04
Lab Sample ID: 200-74812-13
Date Collected: 08/20/24 12:49
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 03:07

Client Sample ID: 082024W-ADM N-05
Lab Sample ID: 200-74812-14
Date Collected: 08/20/24 12:53
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 03:25

Client Sample ID: 082024W-GYM DC-06
Lab Sample ID: 200-74812-15
Date Collected: 08/20/24 12:55
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 03:42

Client Sample ID: 082024W-EXTERIOR-N7
Lab Sample ID: 200-74812-16
Date Collected: 08/20/24 13:00
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 04:00

Client Sample ID: 082024W-EXTERIOR-N9
Lab Sample ID: 200-74812-17
Date Collected: 08/20/24 14:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 04:17

Client Sample ID: 082024W-ANX E-EAST-01
Lab Sample ID: 200-74812-18
Date Collected: 08/20/24 09:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 04:35

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-ANX E-EAST-02
Lab Sample ID: 200-74812-19
Date Collected: 08/20/24 09:39
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 04:53

Client Sample ID: 082024W-ANX E-EAST-03
Lab Sample ID: 200-74812-20
Date Collected: 08/20/24 09:38
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722600	SMP	EET BUF	08/21/24 11:35
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/22/24 05:10

Client Sample ID: 082024W-ANX E-EAST-04
Lab Sample ID: 200-74812-21
Date Collected: 08/20/24 09:42
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 16:38

Client Sample ID: 082024W-ANX E-WEST-05
Lab Sample ID: 200-74812-22
Date Collected: 08/20/24 10:00
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 16:55

Client Sample ID: 082024W-ANX E-WEST-06
Lab Sample ID: 200-74812-23
Date Collected: 08/20/24 10:03
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 17:13

Client Sample ID: 082024W-ANX E-WEST-07
Lab Sample ID: 200-74812-24
Date Collected: 08/20/24 10:07
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 17:31

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-ANX E-WEST-08
Lab Sample ID: 200-74812-25
Date Collected: 08/20/24 10:10
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 17:48

Client Sample ID: 082024W-ANX F-09
Lab Sample ID: 200-74812-26
Date Collected: 08/20/24 10:35
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 18:06

Client Sample ID: 082024W-ANX F-10
Lab Sample ID: 200-74812-27
Date Collected: 08/20/24 10:38
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 18:23

Client Sample ID: 082024W-ANX F-N8
Lab Sample ID: 200-74812-28
Date Collected: 08/20/24 10:40
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 18:41

Client Sample ID: 082024W-ANX F-11
Lab Sample ID: 200-74812-29
Date Collected: 08/20/24 10:45
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 18:59

Client Sample ID: 082024W-ANX F-12
Lab Sample ID: 200-74812-30
Date Collected: 08/20/24 10:49
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 19:16

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD ROOM 1-13
Lab Sample ID: 200-74812-31
Date Collected: 08/20/24 11:23
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 19:34

Client Sample ID: 082024W-POD ROOM 1-14
Lab Sample ID: 200-74812-32
Date Collected: 08/20/24 11:26
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 19:51

Client Sample ID: 082024W-POD ROOM 1-15
Lab Sample ID: 200-74812-33
Date Collected: 08/20/24 11:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 20:09

Client Sample ID: 082024W-POD ROOM 1-16
Lab Sample ID: 200-74812-34
Date Collected: 08/20/24 11:33
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 20:26

Client Sample ID: 082024W-POD ROOM 17-17
Lab Sample ID: 200-74812-35
Date Collected: 08/20/24 11:58
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 20:44

Client Sample ID: 082024W-POD ROOM 17-18
Lab Sample ID: 200-74812-36
Date Collected: 08/20/24 12:01
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 21:01

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Client Sample ID: 082024W-POD ROOM 17-N8
Lab Sample ID: 200-74812-37
Date Collected: 08/20/24 12:03
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 21:19

Client Sample ID: 082024W-POD ROOM 17-19
Lab Sample ID: 200-74812-38
Date Collected: 08/20/24 12:06
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 22:12

Client Sample ID: 082024W-POD ROOM 17-20
Lab Sample ID: 200-74812-39
Date Collected: 08/20/24 12:09
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 22:29

Client Sample ID: 082024W-POD ROOM 17-21
Lab Sample ID: 200-74812-40
Date Collected: 08/20/24 12:11
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722601	SMP	EET BUF	08/21/24 11:38
Total/NA	Analysis	8082A		1	722761	DSC	EET BUF	08/22/24 22:47

Client Sample ID: 082024W-INTERIOR-N7
Lab Sample ID: 200-74812-41
Date Collected: 08/20/24 12:15
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722537	SMP	EET BUF	08/21/24 11:42
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/21/24 21:33

Client Sample ID: 082024W-INTERIOR-N9
Lab Sample ID: 200-74812-42
Date Collected: 08/20/24 14:30
Matrix: Wipe
Date Received: 08/21/24 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			722537	SMP	EET BUF	08/21/24 11:42
Total/NA	Analysis	8082A		1	722641	W1T	EET BUF	08/21/24 21:50

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74812-1
SDG: 200-74812-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74812-1	082024W-POD 1-01	Wipe	08/20/24 13:57	08/21/24 10:35
200-74812-2	082024W-POD 1-02	Wipe	08/20/24 13:59	08/21/24 10:35
200-74812-3	082024W-POD 1-N8	Wipe	08/20/24 14:01	08/21/24 10:35
200-74812-4	082024W-POD 1-03	Wipe	08/20/24 14:03	08/21/24 10:35
200-74812-5	082024W-POD 1-09	Wipe	08/20/24 14:05	08/21/24 10:35
200-74812-6	082024W-POD 1-05	Wipe	08/20/24 14:07	08/21/24 10:35
200-74812-7	082024W-POD-N7	Wipe	08/20/24 14:09	08/21/24 10:35
200-74812-8	082024W-POD-N9	Wipe	08/20/24 14:35	08/21/24 10:35
200-74812-9	082024W-ADM N-01	Wipe	08/20/24 12:39	08/21/24 10:35
200-74812-10	082024W-ADM N-02	Wipe	08/20/24 12:41	08/21/24 10:35
200-74812-11	082024W-GYM DC-03	Wipe	08/20/24 12:44	08/21/24 10:35
200-74812-12	082024W-GYM DC-N8	Wipe	08/20/24 12:46	08/21/24 10:35
200-74812-13	082024W-ADM N-04	Wipe	08/20/24 12:49	08/21/24 10:35
200-74812-14	082024W-ADM N-05	Wipe	08/20/24 12:53	08/21/24 10:35
200-74812-15	082024W-GYM DC-06	Wipe	08/20/24 12:55	08/21/24 10:35
200-74812-16	082024W-EXTERIOR-N7	Wipe	08/20/24 13:00	08/21/24 10:35
200-74812-17	082024W-EXTERIOR-N9	Wipe	08/20/24 14:30	08/21/24 10:35
200-74812-18	082024W-ANX E-EAST-01	Wipe	08/20/24 09:30	08/21/24 10:35
200-74812-19	082024W-ANX E-EAST-02	Wipe	08/20/24 09:39	08/21/24 10:35
200-74812-20	082024W-ANX E-EAST-03	Wipe	08/20/24 09:38	08/21/24 10:35
200-74812-21	082024W-ANX E-EAST-04	Wipe	08/20/24 09:42	08/21/24 10:35
200-74812-22	082024W-ANX E-WEST-05	Wipe	08/20/24 10:00	08/21/24 10:35
200-74812-23	082024W-ANX E-WEST-06	Wipe	08/20/24 10:03	08/21/24 10:35
200-74812-24	082024W-ANX E-WEST-07	Wipe	08/20/24 10:07	08/21/24 10:35
200-74812-25	082024W-ANX E-WEST-08	Wipe	08/20/24 10:10	08/21/24 10:35
200-74812-26	082024W-ANX F-09	Wipe	08/20/24 10:35	08/21/24 10:35
200-74812-27	082024W-ANX F-10	Wipe	08/20/24 10:38	08/21/24 10:35
200-74812-28	082024W-ANX F-N8	Wipe	08/20/24 10:40	08/21/24 10:35
200-74812-29	082024W-ANX F-11	Wipe	08/20/24 10:45	08/21/24 10:35
200-74812-30	082024W-ANX F-12	Wipe	08/20/24 10:49	08/21/24 10:35
200-74812-31	082024W-POD ROOM 1-13	Wipe	08/20/24 11:23	08/21/24 10:35
200-74812-32	082024W-POD ROOM 1-14	Wipe	08/20/24 11:26	08/21/24 10:35
200-74812-33	082024W-POD ROOM 1-15	Wipe	08/20/24 11:30	08/21/24 10:35
200-74812-34	082024W-POD ROOM 1-16	Wipe	08/20/24 11:33	08/21/24 10:35
200-74812-35	082024W-POD ROOM 17-17	Wipe	08/20/24 11:58	08/21/24 10:35
200-74812-36	082024W-POD ROOM 17-18	Wipe	08/20/24 12:01	08/21/24 10:35
200-74812-37	082024W-POD ROOM 17-N8	Wipe	08/20/24 12:03	08/21/24 10:35
200-74812-38	082024W-POD ROOM 17-19	Wipe	08/20/24 12:06	08/21/24 10:35
200-74812-39	082024W-POD ROOM 17-20	Wipe	08/20/24 12:09	08/21/24 10:35
200-74812-40	082024W-POD ROOM 17-21	Wipe	08/20/24 12:11	08/21/24 10:35
200-74812-41	082024W-INTERIOR-N7	Wipe	08/20/24 12:15	08/21/24 10:35
200-74812-42	082024W-INTERIOR-N9	Wipe	08/20/24 14:30	08/21/24 10:35

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Ryan Mathews	Site Contact: ~~Betsy Nye~~	Date:	COC No: 1 of 3 COCs
Your Company Name here: Fulcrum Environmental	Email: Ryan.Mathews@fulcrum.net	Lab Contact: Betsy Nye	Carrier:	TALS Project #:
Address: 406 North 2nd Street	Tel/Fax: 509-574-0839			Sampler:
City/State/Zip: Yakima / WA / 98901	Analysis Turnaround Time: ☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx Phone	TAT if different from Below: ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day			Client: Shipping:
(xxx) xxx-xxxx FAX				
Project Name: Moncove SD Sky Valley				
Site: Sky Valley Education Center				
P O #				

200-74812 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	EPA Method 8082A
082024W-Anx E-East-01	8-20-24	9:30		wipe				/
082024W-Anx E-East-02		9:34						/
082024W-Anx E-East-03		9:38						/
082024W-Anx E-East-04		9:42						/
082024W-Anx E-West-05		10:00						/
082024W-Anx E-West-06		10:03						/
082024W-Anx E-West-07		10:07						/
082024W-Anx E-West-08		10:10						/
082024W-Anx F ~~West~~-09		10:35						/
082024W-Anx F-10		10:38						/
082024W-Anx F-N8		10:40						/
082024W-Anx F-11		10:45						/

Sample Specific Notes:
100 cm

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ice

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: cc: Tarell.Manjarrez@fulcrum.net

13,6 # 1 ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-20-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 8/21/24 1600

530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Ryan Mathews	Site Contact:	Date:	COC No:
Your Company Name here Fulcrum Environmental	Email: Ryan.Mathews@fulcrum.net	Lab Contact: Betsy Nye	Carrier:	#2 of 3 COCs
Address	Tel/Fax: 509-534-0839			TALS Project #:
City/State/Zip	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below			Walk-in Client:
Project Name:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Site:				Job / SDG No.:
P O #				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	EPA Method 8082A	Sample Specific Notes:
082024W-Anx F-12	8-20-24	10:49		wipe				/	100 cm²
082024W-Pad Room 1-13		11:23						/	
082024W-Pad Room 1-14		11:26						/	
082024W-Pad Room 1-15		11:30						/	
082024W-Pad Room 1-16		11:33						/	
082024W-Pad Room 17-17		11:58						/	
082024W-Pad Room 17-18		12:01						/	
082024W-Pad Room 17-N8		12:03						/	
082024W-Pad Room 17-19		12:06						/	
082024W-Pad Room 17-20		12:09						/	
082024W-Pad Room 17-21		12:11						/	
082024W-Interior-N7		12:15						/	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____	
Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-20-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: See PS1	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.38, dated 1/8/2021

530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	**Project Manager:**	**Site Contact:**	**Date:**
Your Company Name here: Fulcrum Environmental	**Email:**	**Lab Contact:**	**Carrier:**
Address	**Tel/Fax:**		
City/State/Zip	**Analysis Turnaround Time**		
(xxx) xxx-xxxx Phone	☐ CALENDAR DAYS ☐ WORKING DAYS		
(xxx) xxx-xxxx FAX	TAT if different from Below ____		
Project Name:	☐ 2 weeks		
Site:	☐ 1 week		
P O #	☐ 2 days		
	☑ 1 day		

COC No: 3 of 3 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	EPA Method 6020A	Sample Specific Notes:
082024w-Interior-N9	8-20-24	2:30		wipe				1	+00

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:____ Corr'd:____ Therm ID No.:____

Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-20-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: See pg 1	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.38, dated 1/8/2021

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins | Environment Testi America

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmeri

Client Contact	Project Manager: Ryan.Mathews	Site Contact:	Date:	COC No:
Your Company Name here Fulcrum Environmental	Email: Ryan.Mathews@fulcrum.net	Lab Contact: Betsy Nyc	Carrier:	1 of 1 COCs
Address 406 North 2nd street	Tel/Fax: 509-574-0839			TALS Project #:
City/State/Zip Yakima/WA/98901	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone 509-574-0839	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: Monroe SD Sky Valley	☐ 2 weeks			Lab Sampling:
Site: Sky Valley Education Center.	☐ 1 week			
PO #	☐ 2 days			Job / SDG No.:
	☑ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	EPA Method 8082A	Sample Specific Notes:
082024w-Pad w-01	8-20-24	1:57		wipe				/	100 cm²
082024w-Pad w-02		1:59						/	
082024w-Pad w-N8		2:01						/	
082024w-Pad w-03		2:03						/	
082024w-Pad w-04		2:05						/	
082024w-Pad w-05		2:07						/	
082024w-Pad-N7		2:09						/	
082024w-Pad-N9		2:35						/	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ice

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments: cc: Tarell.Manjarrez@fulcrum.net

13.6 #1 ICE

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____
Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-20-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 8/21/24 1600

Form No. CA-C-WI-002, Rev. 4.38, dated 1/8/2021

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Ryan Mathews	Site Contact: Betsy NYC	Date:	COC No:
Your Company Name here: Fulcrum Environmental	Email: Ryan.Mathews@fulcrum.net	Lab Contact:	Carrier:	1 of 1 COCs
Address: 406 North 2nd Street	Tel/Fax: 509-574-0839			TALS Project #:
City/State/Zip: Yakima/WA/98901	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone: 509-574-0839	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: Monroe SD Sky Valley	☐ 2 weeks			Lab Sampling:
Site: Sky Valley Education Center	☐ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☑ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	EPA Method 6020A	Sample Specific Notes:
082024w-Adm N-01	8-20-24	12:39		wipe				1	100 cm²
082024w-Adm N-02		12:41						1	
082024w-Gym DC-03		12:44						1	
082024w-Gym DC-N8		12:46						1	
082024w-Adm N-04		12:49						1	
082024w-Adm N-05		12:53						1	
082024w-Gym DC-06		12:55						1	
082024w-Exterior-N7		1:00						1	
082024w-Exterior-N9		2:30						1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ice

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
cc: Tarell.Manjarrez@fulcrum.net
136 #1 ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: Tarell Manjarrez	Company: Fulcrum	Date/Time: 8-20-24	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Andrew Chubb	Company: TA	Date/Time: 8/21/24 1000

Form No. CA-C-WI-002, Rev. 4.38, dated 1/8/2021

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74812-1
SDG Number: 200-74812-1

Login Number: 74812
List Number: 1
Creator: Nye, Elizabeth A

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix F

Interior Work Area Memorandums

FULCRUM environmental consulting

Results Memorandum

Date	August 28, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Interior Work Areas: POD Classroom 1, POD Classroom 17, Annex E West, Annex E East, and Annex F**
Findings	**PCBs in Air Samples from Three Interior Work Areas Exceed the Clearance Criteria, and POD Classroom 1 and POD Classroom 17 Below Clerance Criteria**
Action	**Reclean the Annex E East, Annex E West, and Annex F Interior Work Areas and Complete a Second Wipe and Air Clearance Event**

On August 28, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with air samples collected in five interior work areas associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024 *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAJH000051422* (Limited RBDA Approval).

Each interior work area was constructed as a negative pressure enclosure (NPE) with a high efficiency particle air (HEPA) filter and charcoal filter equipped unit vented to the outdoors through a window opening. Each NPE was equipped with a chart strip manometer.

The NPEs remain intact and HEPA filter units in operation until final clearance results are received and quality control review is completed.

Work area preparation of these work areas began on August 12, 2024 by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extended beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color. See Attachment A for site photographs.

As provided in the Limited RBDA Approval, for interior work, both wipe and air samples are required.

- One wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations and at least two samples will be collected for every 250 square feet of interior NPE, with a minimum of one sample and a maximum of five samples in a work area. In addition, one wipe sample will be collected from the floor surface at the exit from the NPE to determine if there has been any track-out of PCB-contaminated dust. An additional sample will be collected from any separate exit or waste loadout

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

from the NPE. The interior clearance criteria for all wipe samples is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2). Results of the wipe samples are reported under separate cover.

- A minimum of two air samples will be collected inside each NPE after completion of the work and before the removal of the NPE. If the NPE is larger than 500 square feet, an additional sample will be collected for every 500 square feet of area. The interior clearance criteria require that all air samples be at or below 100 nanograms per cubic meter (ng/m^3).

Air sample collection was completed in conformance with the Quality Assurance Project Plan (QAPP) prepared for the project. Air sampling was completed as described in EPA Method TO-10a.[1] 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 June 2024. Samples were collected at a rate of 5 liters per minute (LPM) for 360 minutes and totaled 1,800 liters (L) in volume.

Air samples were collected on August 20, 2024, submitted under chain-of-custody and delivered by commercial carrier in two insulated coolers with ice to Eurofins Burlington located in South Burlington, Vermont for analysis. The sampling media was also prepared by Eurofins Burlington. Upon receipt, Eurofins Burlington assigned Job Numbers JT4818-1 and JT4827-1. Sample coolers were received at 8.3 and 20.0 degrees Celsius, respectively and both above the 6 degree Celsius method defined limit. The samples associated with JT4818-1 were subject to only a minor elevated temperature which is not expected to materially affect the sample reliance.

The samples (field blank and laboratory blank only) associated with JT4827-1 are used to determine if contamination was introduced in either sample media preparation or during handling of the project samples in the field. PCBs are very stable with a reported boiling point of 689 to 734 degrees Fahrenheit (365 to 390 degrees Celsius).[2] Fulcrum completed an alternate evaluation of sample media preparation by reviewing sample 082024A-Pod Room 17-10 on Job Number JT4818-1, absence of impact above reporting limit demonstrating that no PCBs were introduced during sample media preparation. Similarly, samples do not evidence any introduction of PCBs into the project air samples other than during sample handling. While the received temperature for both the field blank and laboratory blank were elevated, there is no indication that contamination, if present would have been lost.

See Attachment B for the laboratory reports and chains-of-custody. Table 1 provides a summary of the laboratory results. Results are provided in nanograms per cubic meter of air (ng/m^3). Note: the laboratory report is issued in micrograms per cubic meter and converted to ng/m^3.

[1] 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.
[2] CDC - NIOSH Pocket Guide to Chemical Hazards - Chlorodiphenyl (54% chlorine), https://www.cdc.gov/niosh/npg/npgd0126.html, August 28, 2024.

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Yakima, Washington 98901
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FULCRUM environmental consulting

Table 1: Interior Work Area Air Sampling Results

Sample	Total Aroclors (ng/m^3)
082024A-Anx E-east-01	65
082024A-Anx E-east-02	**130**
082024A-Anx E-west-03	**150**
082024A-Anx E-west-04	80
082024A-Anx F-05	100
082024A-Anx F-06	**140**
082024A-Pod Room 1-07	34
082024A-Pod Room 1-08	30
082024A-Pod Room 17-09	78
082024A-Pod Room 17-10	27 J
082024A-Interior-N7	<50
082024A-Interior-N9	<50
Interior Air Clearance Criteria	**100**

Any exceedances of the clearance criteria are shown in **Bold**
J The result is an estimate value below the reporting limit (RL)

Laboratory analysis found one air sample in each of the Annex E East, Annex E West, and Annex F NPE to exceed the interior air clearance criteria of 100 ng/m^3.

Based on the results of the air clearance, Fulcrum recommends that the NPE in Annex E East, Annex E West, and Annex F be recleaned and a second clearance event be completed. Fulcrum recommends that interior wipe samples also be re-collected and analyzed from the three NPEs. The NPE shall remain intact until all clearance criteria are met.

The laboratory results demonstrate that indoor air quality in POD classroom 1 and POD classroom 17 is below the interior air clearance criteria of 100 ng/m^3. However, both air and wipe samples are required to be collected and pass the clearance criteria prior to removal of the NPE.

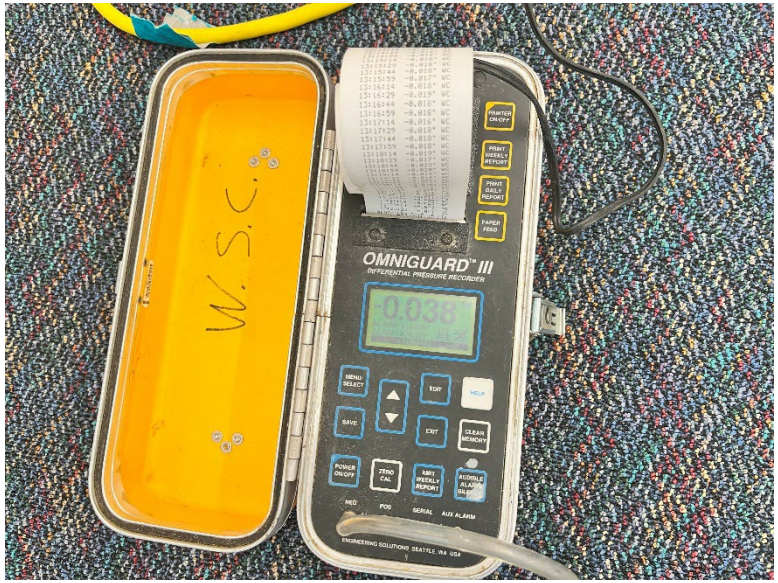
The wipe results are due from the laboratory on August 28, 2024. The NPE associated with POD classroom 1 and POD classroom 17 shall remain intact until wipe test results are received and confirmed to pass the clearance criteria.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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406 North 2nd Street
Yakima, Washington 98901
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Each interior work area was constructed as a negative pressure enclosure.



Negative pressure enclosures maintained a -0.02 column inches of water pressure differential or lower.



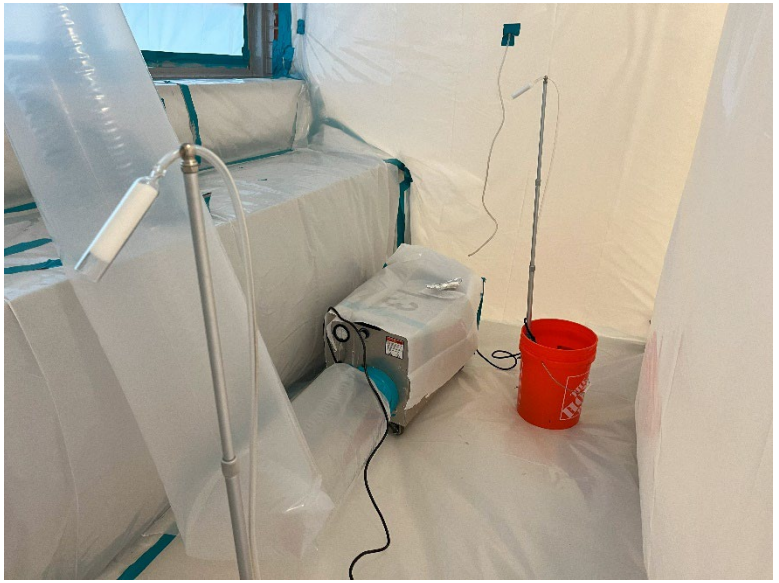
HEPA filter units are exhausted to the exterior of the building through a window.



Enclosures included a two-stage air lock with two layers of polyethylene sheeting as a pathway to the exit.



Air samples were collected at a height from four to five feet from the floor.



The air sampling pump and the tripod were placed in a new 5-gallon bucket to reduce points of contamination.



Two air samples were collected from each negative pressure enclosure.



Air samples were collected under ambient conditions.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

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JOB DESCRIPTION

Monroe SD Sky Valley
200-74818-1

JOB NUMBER

200-74818-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 12
QC Sample Results 13
QC Association Summary 14
Lab Chronicle 15
Certification Summary 17
Method Summary 18
Sample Summary 19
Chain of Custody 20
Receipt Checklists 23

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Qualifiers

Air - GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74818-1 — Eurofins Burlington

Job Narrative
200-74818-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/21/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 8.3°C, above the method defined limit of 6.0º C.

Samples 082024A-Interior-N7 and 082024-A-Interior-N9 were not received. The client confirmed these would ship separately.

PCBs
Method TO10A_PCB: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: 082024A-Anx E-east-01 (200-74818-1), 082024A-Anx E-east-02 (200-74818-2), 082024A-Anx E-west-03 (200-74818-3), 082024A-Anx E-west-04 (200-74818-4), 082024A-Anx F-05 (200-74818-5), 082024A-Anx F-06 (200-74818-6), 082024A-Pod Room 1-07 (200-74818-7), 082024A-Pod Room 1-08 (200-74818-8), 082024A-Pod Room 17-09 (200-74818-9) and 082024A-Pod Room 17-10 (200-74818-10). The samples have been quantified and reported as Aroclor 1248. Due to the poor match with the Aroclor standard, there is increased qualitative and quantitative uncertainty associated with this result.

Method TO10A_PCB: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: The initial calibration verification (ICV) result for batch 200-207951 was marginally above the upper control limit on the RTX-CLPII column only for PCB-1260 only.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Client Sample ID: 082024A-Anx E-east-01 — Lab Sample ID: 200-74818-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.065		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Anx E-east-02 — Lab Sample ID: 200-74818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.13		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Anx E-west-03 — Lab Sample ID: 200-74818-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.15		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Anx E-west-04 — Lab Sample ID: 200-74818-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.080		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Anx F-05 — Lab Sample ID: 200-74818-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.10		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Anx F-06 — Lab Sample ID: 200-74818-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.14		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Pod Room 1-07 — Lab Sample ID: 200-74818-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.034		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Pod Room 1-08 — Lab Sample ID: 200-74818-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.030		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Pod Room 17-09 — Lab Sample ID: 200-74818-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.078		0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

Client Sample ID: 082024A-Pod Room 17-10 — Lab Sample ID: 200-74818-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.027	J	0.028	0.0031	ug/m3 PUF	1		TO-10A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 082024A-Anx E-east-01

Lab Sample ID: 200-74818-1

Date Collected: 08/20/24 13:35
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1248	**0.065**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:52*	*1*
Tetrachloro-m-xylene	*78*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:52*	*1*
DCB Decachlorobiphenyl	*102*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:52*	*1*
DCB Decachlorobiphenyl	*87*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:52*	*1*

Client Sample ID: 082024A-Anx E-east-02

Lab Sample ID: 200-74818-2

Date Collected: 08/20/24 13:35
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1248	**0.13**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:09*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:09*	*1*
DCB Decachlorobiphenyl	*102*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:09*	*1*
DCB Decachlorobiphenyl	*81*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:09*	*1*

Client Sample ID: 082024A-Anx E-west-03

Lab Sample ID: 200-74818-3

Date Collected: 08/20/24 13:45
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1

Client Sample ID: 082024A-Anx E-west-03

Lab Sample ID: 200-74818-3

Date Collected: 08/20/24 13:45
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	**0.15**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:26*	*1*
Tetrachloro-m-xylene	*66*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:26*	*1*
DCB Decachlorobiphenyl	*91*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:26*	*1*
DCB Decachlorobiphenyl	*76*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:26*	*1*

Client Sample ID: 082024A-Anx E-west-04

Lab Sample ID: 200-74818-4

Date Collected: 08/20/24 13:45
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1248	**0.080**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:42*	*1*
Tetrachloro-m-xylene	*74*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:42*	*1*
DCB Decachlorobiphenyl	*102*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:42*	*1*
DCB Decachlorobiphenyl	*88*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:42*	*1*

Client Sample ID: 082024A-Anx F-05

Lab Sample ID: 200-74818-5

Date Collected: 08/20/24 14:03
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1248	**0.10**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1

Client Sample ID: 082024A-Anx F-05

Lab Sample ID: 200-74818-5

Date Collected: 08/20/24 14:03
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:59*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:59*	*1*
DCB Decachlorobiphenyl	*99*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:59*	*1*
DCB Decachlorobiphenyl	*81*		*60 - 120*	*08/21/24 15:00*	*08/24/24 03:59*	*1*

Client Sample ID: 082024A-Anx F-06

Lab Sample ID: 200-74818-6

Date Collected: 08/20/24 14:03
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1248	**0.14**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:16*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:16*	*1*
DCB Decachlorobiphenyl	*100*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:16*	*1*
DCB Decachlorobiphenyl	*82*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:16*	*1*

Client Sample ID: 082024A-Pod Room 1-07

Lab Sample ID: 200-74818-7

Date Collected: 08/20/24 14:30
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1248	**0.034**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:33*	*1*

Client Sample ID: 082024A-Pod Room 1-07

Lab Sample ID: 200-74818-7

Date Collected: 08/20/24 14:30
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:33*	*1*
DCB Decachlorobiphenyl	*90*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:33*	*1*
DCB Decachlorobiphenyl	*75*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:33*	*1*

Client Sample ID: 082024A-Pod Room 1-08

Lab Sample ID: 200-74818-8

Date Collected: 08/20/24 14:30
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1248	**0.030**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:49*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:49*	*1*
DCB Decachlorobiphenyl	*91*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:49*	*1*
DCB Decachlorobiphenyl	*76*		*60 - 120*	*08/21/24 15:00*	*08/24/24 04:49*	*1*

Client Sample ID: 082024A-Pod Room 17-09

Lab Sample ID: 200-74818-9

Date Collected: 08/20/24 14:50
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1248	**0.078**		0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:06*	*1*
Tetrachloro-m-xylene	*66*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:06*	*1*
DCB Decachlorobiphenyl	*92*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:06*	*1*
DCB Decachlorobiphenyl	*77*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:06*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Client Sample ID: 082024A-Pod Room 17-10
Lab Sample ID: 200-74818-10
Date Collected: 08/20/24 14:50
Matrix: Air
Date Received: 08/21/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.028	U	0.028	0.0023	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1221	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1232	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1242	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1248	**0.027**	**J**	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1254	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1260	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1262	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1
PCB-1268	0.028	U	0.028	0.0031	ug/m3 PUF		08/21/24 15:00	08/24/24 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:23*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:23*	*1*
DCB Decachlorobiphenyl	*91*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:23*	*1*
DCB Decachlorobiphenyl	*81*		*60 - 120*	*08/21/24 15:00*	*08/24/24 05:23*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Method: TO-10A - PCBs in Ambient Air

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)	(60-120)	(60-120)
200-74818-1	082024A-Anx E-east-01	90	78	102	87
200-74818-2	082024A-Anx E-east-02	86	71	102	81
200-74818-3	082024A-Anx E-west-03	77	66	91	76
200-74818-4	082024A-Anx E-west-04	86	74	102	88
200-74818-5	082024A-Anx F-05	79	69	99	81
200-74818-6	082024A-Anx F-06	85	72	100	82
200-74818-7	082024A-Pod Room 1-07	79	69	90	75
200-74818-8	082024A-Pod Room 1-08	75	67	91	76
200-74818-9	082024A-Pod Room 17-09	78	66	92	77
200-74818-10	082024A-Pod Room 17-10	79	72	91	81
LCS 200-207845/2-B	Lab Control Sample	74	74	80	82
LCSD 200-207845/3-B	Lab Control Sample Dup	69	70	78	74
MB 200-207845/1-B	Method Blank	69	70	84	78

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: TO-10A - PCBs in Ambient Air

Lab Sample ID: MB 200-207845/1-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.050	U	0.050	0.0041	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1221	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1232	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1242	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1248	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1254	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1260	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1262	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1
PCB-1268	0.050	U	0.050	0.0055	ug/m3 PUF		08/21/24 15:00	08/24/24 02:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:02*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:02*	*1*
DCB Decachlorobiphenyl	*84*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:02*	*1*
DCB Decachlorobiphenyl	*78*		*60 - 120*	*08/21/24 15:00*	*08/24/24 02:02*	*1*

Lab Sample ID: LCS 200-207845/2-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207846

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.500	0.407		ug/m3 PUF		81	65 - 125		
PCB-1260			0.500	0.435		ug/m3 PUF		87	65 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*60 - 120*
Tetrachloro-m-xylene	*74*		*60 - 120*
DCB Decachlorobiphenyl	*80*		*60 - 120*
DCB Decachlorobiphenyl	*82*		*60 - 120*

Lab Sample ID: LCSD 200-207845/3-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207846

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.500	0.398		ug/m3 PUF		80	65 - 125	2	30
PCB-1260			0.500	0.419		ug/m3 PUF		84	65 - 125	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*60 - 120*
Tetrachloro-m-xylene	*70*		*60 - 120*
DCB Decachlorobiphenyl	*78*		*60 - 120*
DCB Decachlorobiphenyl	*74*		*60 - 120*

Air - GC Semi VOA

Pre Prep Batch: 207845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74818-1	082024A-Anx E-east-01	Total/NA	Air	PUF to Air	
200-74818-2	082024A-Anx E-east-02	Total/NA	Air	PUF to Air	
200-74818-3	082024A-Anx E-west-03	Total/NA	Air	PUF to Air	
200-74818-4	082024A-Anx E-west-04	Total/NA	Air	PUF to Air	
200-74818-5	082024A-Anx F-05	Total/NA	Air	PUF to Air	
200-74818-6	082024A-Anx F-06	Total/NA	Air	PUF to Air	
200-74818-7	082024A-Pod Room 1-07	Total/NA	Air	PUF to Air	
200-74818-8	082024A-Pod Room 1-08	Total/NA	Air	PUF to Air	
200-74818-9	082024A-Pod Room 17-09	Total/NA	Air	PUF to Air	
200-74818-10	082024A-Pod Room 17-10	Total/NA	Air	PUF to Air	
MB 200-207845/1-B	Method Blank	Total/NA	Air	PUF to Air	
LCS 200-207845/2-B	Lab Control Sample	Total/NA	Air	PUF to Air	
LCSD 200-207845/3-B	Lab Control Sample Dup	Total/NA	Air	PUF to Air	

Prep Batch: 207846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74818-1	082024A-Anx E-east-01	Total/NA	Air	3541	207845
200-74818-2	082024A-Anx E-east-02	Total/NA	Air	3541	207845
200-74818-3	082024A-Anx E-west-03	Total/NA	Air	3541	207845
200-74818-4	082024A-Anx E-west-04	Total/NA	Air	3541	207845
200-74818-5	082024A-Anx F-05	Total/NA	Air	3541	207845
200-74818-6	082024A-Anx F-06	Total/NA	Air	3541	207845
200-74818-7	082024A-Pod Room 1-07	Total/NA	Air	3541	207845
200-74818-8	082024A-Pod Room 1-08	Total/NA	Air	3541	207845
200-74818-9	082024A-Pod Room 17-09	Total/NA	Air	3541	207845
200-74818-10	082024A-Pod Room 17-10	Total/NA	Air	3541	207845
MB 200-207845/1-B	Method Blank	Total/NA	Air	3541	207845
LCS 200-207845/2-B	Lab Control Sample	Total/NA	Air	3541	207845
LCSD 200-207845/3-B	Lab Control Sample Dup	Total/NA	Air	3541	207845

Analysis Batch: 207951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74818-1	082024A-Anx E-east-01	Total/NA	Air	TO-10A	207846
200-74818-2	082024A-Anx E-east-02	Total/NA	Air	TO-10A	207846
200-74818-3	082024A-Anx E-west-03	Total/NA	Air	TO-10A	207846
200-74818-4	082024A-Anx E-west-04	Total/NA	Air	TO-10A	207846
200-74818-5	082024A-Anx F-05	Total/NA	Air	TO-10A	207846
200-74818-6	082024A-Anx F-06	Total/NA	Air	TO-10A	207846
200-74818-7	082024A-Pod Room 1-07	Total/NA	Air	TO-10A	207846
200-74818-8	082024A-Pod Room 1-08	Total/NA	Air	TO-10A	207846
200-74818-9	082024A-Pod Room 17-09	Total/NA	Air	TO-10A	207846
200-74818-10	082024A-Pod Room 17-10	Total/NA	Air	TO-10A	207846
MB 200-207845/1-B	Method Blank	Total/NA	Air	TO-10A	207846
LCS 200-207845/2-B	Lab Control Sample	Total/NA	Air	TO-10A	207846
LCSD 200-207845/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10A	207846

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Client Sample ID: 082024A-Anx E-east-01
Lab Sample ID: 200-74818-1
Date Collected: 08/20/24 13:35
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 02:52

Client Sample ID: 082024A-Anx E-east-02
Lab Sample ID: 200-74818-2
Date Collected: 08/20/24 13:35
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 03:09

Client Sample ID: 082024A-Anx E-west-03
Lab Sample ID: 200-74818-3
Date Collected: 08/20/24 13:45
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 03:26

Client Sample ID: 082024A-Anx E-west-04
Lab Sample ID: 200-74818-4
Date Collected: 08/20/24 13:45
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 03:42

Client Sample ID: 082024A-Anx F-05
Lab Sample ID: 200-74818-5
Date Collected: 08/20/24 14:03
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 03:59

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Client Sample ID: 082024A-Anx F-06
Lab Sample ID: 200-74818-6
Date Collected: 08/20/24 14:03
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 04:16

Client Sample ID: 082024A-Pod Room 1-07
Lab Sample ID: 200-74818-7
Date Collected: 08/20/24 14:30
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 04:33

Client Sample ID: 082024A-Pod Room 1-08
Lab Sample ID: 200-74818-8
Date Collected: 08/20/24 14:30
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 04:49

Client Sample ID: 082024A-Pod Room 17-09
Lab Sample ID: 200-74818-9
Date Collected: 08/20/24 14:50
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 05:06

Client Sample ID: 082024A-Pod Room 17-10
Lab Sample ID: 200-74818-10
Date Collected: 08/20/24 14:50
Matrix: Air
Date Received: 08/21/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207845	KP	EET BUR	08/21/24 14:50
Total/NA	Prep	3541			207846	KP	EET BUR	08/21/24 15:00
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 05:23

Laboratory References:
EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-24
New Hampshire	NELAP	2006	12-18-24
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-25
Pennsylvania	NELAP	68-00489	04-30-25
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	08-01-25
USDA	US Federal Programs	P330-17-00272	12-19-26
Vermont	State	VT4000	02-10-25
Virginia	NELAP	460209	12-14-24
Wisconsin	State	399140830	08-31-24

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Method	Method Description	Protocol	Laboratory
TO-10A	PCBs in Ambient Air	EPA	EET BUR
3541	Automated Soxhlet Extraction	SW846	EET BUR
PUF to Air	PUF to Air Conversion	None	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74818-1
SDG: 200-74818-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74818-1	082024A-Anx E-east-01	Air	08/20/24 13:35	08/21/24 10:30
200-74818-2	082024A-Anx E-east-02	Air	08/20/24 13:35	08/21/24 10:30
200-74818-3	082024A-Anx E-west-03	Air	08/20/24 13:45	08/21/24 10:30
200-74818-4	082024A-Anx E-west-04	Air	08/20/24 13:45	08/21/24 10:30
200-74818-5	082024A-Anx F-05	Air	08/20/24 14:03	08/21/24 10:30
200-74818-6	082024A-Anx F-06	Air	08/20/24 14:03	08/21/24 10:30
200-74818-7	082024A-Pod Room 1-07	Air	08/20/24 14:30	08/21/24 10:30
200-74818-8	082024A-Pod Room 1-08	Air	08/20/24 14:30	08/21/24 10:30
200-74818-9	082024A-Pod Room 17-09	Air	08/20/24 14:50	08/21/24 10:30
200-74818-10	082024A-Pod Room 17-10	Air	08/20/24 14:50	08/21/24 10:30

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660 1990 fax 802 660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories Inc assumes no liability with respect to the collection and shipment of these samples

200-74818 Chain of Custody

Client Contact Information	Client Project Manager: Ryan Mathews	Samples Collected By: Tarell Manjarrez	COC No
Company Name: Fulcrum Environmental	Phone: 509-574-0839		1 of 2 COCs
Address: 406 North 2nd street	Email: Ryan.Mathews@cfulcrum.net		TALS Project #:
City/State/Zip: Yakima / WA / 98901			For Lab Use Only:
Phone: 509-574-0839	Site Contact:		Walk-in Client
FAX	Tel/Fax		Lab Sampling
Project Name	Analysis Turnaround Time		Job / SDG No
Site/Location	Standard (Specific)		(See below for Add'l Items)
P O #	Rush (Specifiy) Rush		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
082024A-AnX E-east-01	8-20-24	7:35	8-20-24	1:35				97380															1800L
082024A-AnX E-east-02		7:35		1:35				97380															
082024A-AnX E-West-03		7:45		1:45				021667															
082024A-AnX E-West-04		7:45		1:45				97380															
082024A-AnX F-05		8:03		2:03				97380															
082024A-AnX F-06		8:03		2:03				97380															
082024A-Pod Room 1-07		8:30		2:30				97380															
082024A-Pod Room 1-08		8:30		2:30				021667															
082024A-Pod Room 17-09		8:50		2:50				76107															
082024A-Pod Room 17-10		8:50		2:50				75299															

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

Special Instructions/QC Requirements & Comments: Method TO-10A please. Samples were collected at 5 L/min.

Samples Shipped by: Tarell Manjarrez	Date / Time: 8-20-24 3:45 pm	Samples Received by:
Samples Relinquished by: Tarell Manjarrez	Date / Time: 8-20-24 3:45 pm	Received by: EMABUN 8/21/24 1030
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660 1990 fax 802 660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc assumes no liability with respect to the collection and shipment of these samples

eurofins

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:**	**Samples Collected By:**	COC No
Company Name	**Phone:**		2 of 2 COCs
Address	**Email:**		TALS Project #
City/State/Zip			**For Lab Use Only:**
Phone	**Site Contact:**		Walk-in Client
FAX	**Tel/Fax**		Lab Sampling
Project Name	**Analysis Turnaround Time**		
Site/Location	Standard (Specific) _____		Job / SDG No
P O #	Rush (Specifiy) _____		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
082024A - Interior - N7	8-20-24	✓	8-20-24	✓																			field blank
082024A - Interior - N9	8-20-24	✓	8-20-24	✓																			Lab blank

	Temperature (Fahrenheit)			
	Start	Interior	Ambient	
	Stop			

	Pressure (inches of Hg)			
	Start	Interior	Ambient	
	Stop			

Special Instructions/QC Requirements & Comments: method TO-10A.

Samples Shipped by:	**Date / Time:**	**Samples Received by:** EEA Burl 8/21/24 1030
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**

Lab Use Only: **Shipper Name:** **Opened by:** **Condition:**

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

8/26/2024



ORIGIN ID:PAEA (509) 574-0839
TARELL MANJARREZ
406 N 2ND ST
YAKIMA, WA 98901
UNITED STATES US

SHIP DATE: 20AUG24
ACTWGT: 8.05 LB
CAD: 006986624/SSFE2521
DIMS: 13x9x13 IN
BILL CREDIT CARD

Part # 156297-496-ARDD-ERR 06/25

TO
EUROFINS TESTAKERICA BURLIGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
INV:
PO:
REF:
DEPT:

FedEx Express

TRK# 0201 2785 3496 1972

WED - 21 AUG 10:30A
PRIORITY OVERNIGHT

XE BTVA

AHS
05403
VT-US BTV

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74818-1
SDG Number: 200-74818-1

Login Number: 74818
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2542523
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Mostly melted.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	8.3ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Blanks on COC, not received.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 8/26/2024 12:28:45 PM

JOB DESCRIPTION

Monroe SD Sky Valley
200-74827-1

JOB NUMBER

200-74827-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 8
QC Sample Results 9
QC Association Summary 10
Lab Chronicle 11
Certification Summary 12
Method Summary 13
Sample Summary 14
Chain of Custody 15
Receipt Checklists 17

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Qualifiers

Air - GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74827-1 — Eurofins Burlington

Job Narrative
200-74827-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/22/2024 10:30 AM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 20.0°C, above the method defined limit of 6.0º C.

PCBs
Method TO10A_PCB: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: The initial calibration verification (ICV) result for batch 200-207951 was marginally above the upper control limit on the RTX-CLPII column only for PCB-1260 only.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Client Sample ID: 082024A-Interior-N7 — Lab Sample ID: 200-74827-1

No Detections.

Client Sample ID: 082024A-Interior-N9 — Lab Sample ID: 200-74827-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 082024A-Interior-N7

Lab Sample ID: 200-74827-1

Date Collected: 08/20/24 00:00
Matrix: Air
Date Received: 08/22/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.050	U	0.050	0.0041	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1221	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1232	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1242	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1248	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1254	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1260	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1262	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1
PCB-1268	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 120*	*08/22/24 12:50*	*08/24/24 06:47*	*1*
Tetrachloro-m-xylene	*80*		*60 - 120*	*08/22/24 12:50*	*08/24/24 06:47*	*1*
DCB Decachlorobiphenyl	*86*		*60 - 120*	*08/22/24 12:50*	*08/24/24 06:47*	*1*
DCB Decachlorobiphenyl	*83*		*60 - 120*	*08/22/24 12:50*	*08/24/24 06:47*	*1*

Client Sample ID: 082024A-Interior-N9

Lab Sample ID: 200-74827-2

Date Collected: 08/20/24 00:00
Matrix: Air
Date Received: 08/22/24 10:30
Sample Container: PUF

Method: EPA TO-10A - PCBs in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.050	U	0.050	0.0041	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1221	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1232	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1242	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1248	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1254	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1260	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1262	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1
PCB-1268	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*60 - 120*	*08/22/24 12:50*	*08/24/24 07:03*	*1*
Tetrachloro-m-xylene	*84*		*60 - 120*	*08/22/24 12:50*	*08/24/24 07:03*	*1*
DCB Decachlorobiphenyl	*92*		*60 - 120*	*08/22/24 12:50*	*08/24/24 07:03*	*1*
DCB Decachlorobiphenyl	*85*		*60 - 120*	*08/22/24 12:50*	*08/24/24 07:03*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Method: TO-10A - PCBs in Ambient Air

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)	(60-120)	(60-120)
200-74827-1	082024A-Interior-N7	79	80	86	83
200-74827-2	082024A-Interior-N9	85	84	92	85
LCS 200-207891/2-B	Lab Control Sample	88	91	89	86
LCSD 200-207891/3-B	Lab Control Sample Dup	84	82	88	86
MB 200-207891/1-B	Method Blank	93	92	86	85

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: TO-10A - PCBs in Ambient Air

Lab Sample ID: MB 200-207891/1-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.050	U	0.050	0.0041	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1221	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1232	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1242	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1248	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1254	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1260	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1262	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1
PCB-1268	0.050	U	0.050	0.0055	ug/m3 PUF		08/22/24 12:50	08/24/24 05:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*60 - 120*	*08/22/24 12:50*	*08/24/24 05:56*	*1*
Tetrachloro-m-xylene	*92*		*60 - 120*	*08/22/24 12:50*	*08/24/24 05:56*	*1*
DCB Decachlorobiphenyl	*86*		*60 - 120*	*08/22/24 12:50*	*08/24/24 05:56*	*1*
DCB Decachlorobiphenyl	*85*		*60 - 120*	*08/22/24 12:50*	*08/24/24 05:56*	*1*

Lab Sample ID: LCS 200-207891/2-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207892

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.500	0.507		ug/m3 PUF		101	65 - 125		
PCB-1260			0.500	0.480		ug/m3 PUF		96	65 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*60 - 120*
Tetrachloro-m-xylene	*91*		*60 - 120*
DCB Decachlorobiphenyl	*89*		*60 - 120*
DCB Decachlorobiphenyl	*86*		*60 - 120*

Lab Sample ID: LCSD 200-207891/3-B
Matrix: Air
Analysis Batch: 207951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207892

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.500	0.500		ug/m3 PUF		100	65 - 125	1	30
PCB-1260			0.500	0.507		ug/m3 PUF		101	65 - 125	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*84*		*60 - 120*
Tetrachloro-m-xylene	*82*		*60 - 120*
DCB Decachlorobiphenyl	*88*		*60 - 120*
DCB Decachlorobiphenyl	*86*		*60 - 120*

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Air - GC Semi VOA

Pre Prep Batch: 207891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74827-1	082024A-Interior-N7	Total/NA	Air	PUF to Air	
200-74827-2	082024A-Interior-N9	Total/NA	Air	PUF to Air	
MB 200-207891/1-B	Method Blank	Total/NA	Air	PUF to Air	
LCS 200-207891/2-B	Lab Control Sample	Total/NA	Air	PUF to Air	
LCSD 200-207891/3-B	Lab Control Sample Dup	Total/NA	Air	PUF to Air	

Prep Batch: 207892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74827-1	082024A-Interior-N7	Total/NA	Air	3541	207891
200-74827-2	082024A-Interior-N9	Total/NA	Air	3541	207891
MB 200-207891/1-B	Method Blank	Total/NA	Air	3541	207891
LCS 200-207891/2-B	Lab Control Sample	Total/NA	Air	3541	207891
LCSD 200-207891/3-B	Lab Control Sample Dup	Total/NA	Air	3541	207891

Analysis Batch: 207951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74827-1	082024A-Interior-N7	Total/NA	Air	TO-10A	207892
200-74827-2	082024A-Interior-N9	Total/NA	Air	TO-10A	207892
MB 200-207891/1-B	Method Blank	Total/NA	Air	TO-10A	207892
LCS 200-207891/2-B	Lab Control Sample	Total/NA	Air	TO-10A	207892
LCSD 200-207891/3-B	Lab Control Sample Dup	Total/NA	Air	TO-10A	207892

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Client Sample ID: 082024A-Interior-N7

Lab Sample ID: 200-74827-1

Date Collected: 08/20/24 00:00
Matrix: Air
Date Received: 08/22/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207891	AP	EET BUR	08/22/24 12:45
Total/NA	Prep	3541			207892	AP	EET BUR	08/22/24 12:50
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 06:47

Client Sample ID: 082024A-Interior-N9

Lab Sample ID: 200-74827-2

Date Collected: 08/20/24 00:00
Matrix: Air
Date Received: 08/22/24 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	PUF to Air			207891	AP	EET BUR	08/22/24 12:45
Total/NA	Prep	3541			207892	AP	EET BUR	08/22/24 12:50
Total/NA	Analysis	TO-10A		1	207951	RRM	EET BUR	08/24/24 07:03

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-24
New Hampshire	NELAP	2006	12-18-24
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-25
Pennsylvania	NELAP	68-00489	04-30-25
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	08-01-25
USDA	US Federal Programs	P330-17-00272	12-19-26
Vermont	State	VT4000	02-10-25
Virginia	NELAP	460209	12-14-24
Wisconsin	State	399140830	08-31-24

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Method	Method Description	Protocol	Laboratory
TO-10A	PCBs in Ambient Air	EPA	EET BUR
3541	Automated Soxhlet Extraction	SW846	EET BUR
PUF to Air	PUF to Air Conversion	None	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74827-1
SDG: 200-74827-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74827-1	082024A-Interior-N7	Air	08/20/24 00:00	08/22/24 10:30
200-74827-2	082024A-Interior-N9	Air	08/20/24 00:00	08/22/24 10:30

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660 1990 fax 802 660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories Inc assumes no liability with respect to the collection and shipment of these samples

200-74827 Chain of Custody

TestA

Client Contact Information	**Client Project Manager:** Ryan Mathews	**Samples Collected By:** Tarell Manjarrez	COC No
Company Name Fulcrum Environmental	**Phone:**		2 of 2 COCs
Address 406 North 2nd Street	**Email:**		TALS Project #:
City/State/Zip Yakima/WA/98901			**For Lab Use Only:**
Phone 509-574-0839	**Site Contact:**		Walk-in Client
FAX	**Tel/Fax**		Lab Sampling
Project Name Monroe SD Sky Valley	**Analysis Turnaround Time**		
Site/Location Sky Valley Education Center	Standard (Specific)		Job / SDG No
P O #	Rush (Specifiy) RUSH		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
082024A-Exterior-N7	8-20-24	✓	8-20-24	✓											1								Field Blank
082024A-Exterior-N9	8-20-24	✓	8-20-24	✓											1								Lab Blank

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

Special Instructions/QC Requirements & Comments: Method TO-10A

Samples Shipped by: Tarell Manjarrez	**Date / Time:** 8-21-24 10:00 AM	**Samples Received by:**
Samples Relinquished by: Tarell Manjarrez	**Date / Time:** 8-21-24 2:00 PM	**Received by:** ETA BWN 8/27/24 1030
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

8/26/2024

ORIGIN ID:YKMA (360) 977-3930
ALYSSA AMUNDSON
FULCRUM ENVIRONMENTAL
406 N 2ND STREET

YAKIMA, WA 98901
UNITED STATES US

SHIP DATE 21AUG24
ACTWGT 5.00 LB
CAD: 260070013/INET4535

BILL SENDER

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990 REF
INV:
PO. DEPT.

583J6/A12D/9AE3

FedEx Express

J243024071301uv

THU - 22 AUG 10:30A
PRIORITY OVERNIGHT

TRK# 0201 7781 1102 9613

XE BTVA

05403
VT-US BTV

RT 916
FZ 915
1 10:30 A
9613 08.22

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74827-1
SDG Number: 200-74827-1

Login Number: 74827
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2542524
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	20.0ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Results Memorandum

Date	September 3, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Interior Work Area:** **Annex E East, Annex E West, Annex F, POD classroom 1, POD classroom 17**
Findings	**No Detected PCBs in Wipe Samples**

On September 3, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAJH000051422* (Limited RBDA Approval).

Each interior work area was constructed as a negative pressure enclosure (NPE) with a high efficiency particle air (HEPA) filter and charcoal filter equipped unit vented to the outdoors through a window opening. Each NPE was equipped with a chart strip manometer.

The NPEs remain intact and HEPA filter units in operation until final clearance results for both air and wipe samples are received and quality control review is completed.

Work area preparation began on August 12, 2024 by Walker Specialty Construction, Inc. (Walker) and recoating was initiated in select areas later that day. Loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy was applied. The new epoxy layers were placed to extended beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color. See Attachment A for site photographs.

As provided in the Limited RBDA Approval, for interior work, both wipe and air samples are required.

- One wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations and at least two samples will be collected for every 250 square feet of interior NPE, with a minimum of one sample and a maximum of five samples in a work area. In addition, one wipe sample will be collected from the floor surface at the exit from the NPE to determine if there has been any track-out of PCB-contaminated dust. An additional sample will be collected from any separate exit or waste loadout from the NPE. The interior clearance criteria for all wipe samples is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

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- A minimum of two air samples will be collected inside each NPE after completion of the work and before the removal of the NPE. If the NPE is larger than 500 square feet, an additional sample will be collected for every 500 square feet of area. The interior clearance criteria require that all air samples be at or below 100 nanograms per cubic meter (ng/m³).

Interior work included in this clearance inspection included:

- Annex E East – 40 linear feet of existing epoxy coating and a NPE of 90 square feet
- Annex E West – 30 linear feet of existing epoxy coating and a NPE of 60 square feet
- Annex F – 45 linear feet of existing epoxy coating and a NPE of 190 square feet
- POD 1 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet
- POD 17 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet

Tarell Manjarrez, an Environmental Scientist with Fulcrum Environmental Consulting, Inc. (Fulcrum) completed post-work sample collection on August 26, 2024. Based on the extent of the work in each individual NPE, wipe samples were collected from the cured epoxy, polyethylene sheeting floor within the negative pressure enclosure, polyethylene sheeting walk off path outside each NPE entry, and at a separate waste loadout for POD 17. All samples from new epoxy coatings were collected following the specified 3-day cure time of the epoxy.

- Annex E East – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and polyethylene sheeting walk off path outside each NPE entry.
- Annex E West – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and polyethylene sheeting walk off path outside each NPE entry.
- Annex F – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and polyethylene sheeting walk off path outside each NPE entry.
- POD classroom 1 – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and polyethylene sheeting walk off path outside each NPE entry.
- POD classroom 17 – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, polyethylene sheeting walk off path outside each NPE entry, and a separate wipe sample from the waste loadout for NPE associated with POD 17.

Two duplicate wipe samples were also collected (labeled ending in N8). Two quality control samples, one field blank and one laboratory blank, labeled ending in N7 and N9, were also included with the collected samples.

See Attachment A for photographs of the sampling locations.

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Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 100-square centimeters in interior area paper template was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were shipped on ice by common carrier to Eurofins TestAmerica, Inc. (Eurofins) in Buffalo, New York for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74884-1 to the project samples. Samples were received at 15.5 degrees Celsius, and above the method defined limit of 6 degrees Celsius; given the temperature stability of PCBs, the elevated cooler temperature is not expected to impact sample results. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

Shortly following wipe sample shipment, air samples collected from Annex E East, Annex E West, and Annex F were received finding exceedance of the clearance criteria and the wipe samples inside these NPE were placed on hold with only the floor outside the decontamination entry samples analyzed. All wipe samples from POD classroom 1 and POD classroom 17 collected during this event were analyzed. A revised chain of custody was delivered to Eurofins on August 27, 2024 and modified the requested analysis.

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Table 1: Results Summary – Interior Locations

Sample No.	Type	PCBs (µg/100 cm²)
082624W-ANX E EAST-03	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-ANX E WEST-06	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-ANX F-09	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-POD 1-10	Wipe, Interior NPE Floor	< 1.0
082624W-POD 1-11	Wipe, Interior NPE Floor	< 1.0
082624W-POD 1-12	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-POD 17-13	Wipe, Interior NPE Floor	< 1.0
082624W-POD 17-N8	Duplicate of 082624W-POD 17-13	< 1.0
082624W-POD 17-14	Wipe, Interior NPE Floor	< 1.0
082624W-POD 17-15	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-POD 17-16	Wipe, Floor Outside Waste Loadout	< 1.0
082624W-INTERIOR-N7	Field Blank	< 1.0
082624W-INTERIOR-N9	Laboratory Blank	< 1.0
Exterior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

No PCB Aroclors were present at or above the reporting limit of 1 µg/100 cm² and no Aroclor was detected at the associated method detection limit (MDL).

All results were below the interior clearance criteria of 10 µg/100 cm².

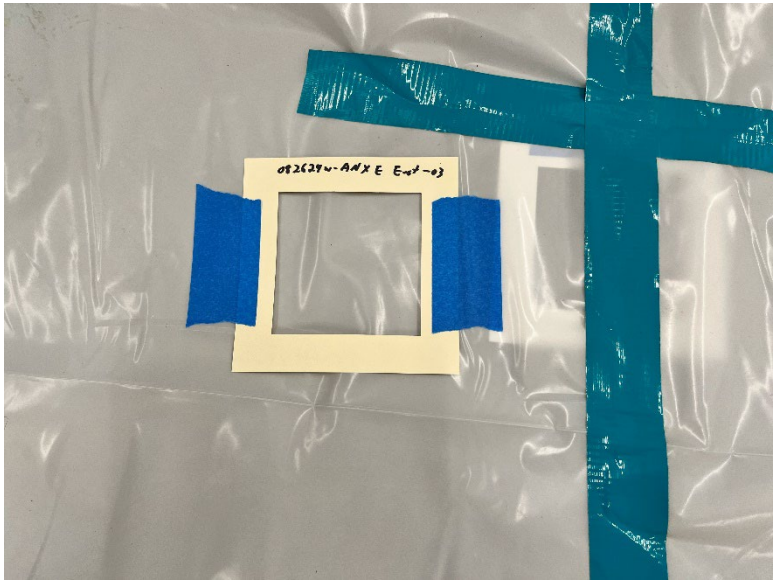
No NPE shall be removed as a result of these results. Separate written recommendation shall be made at the conclusion of all sampling of each interior NPE.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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Yakima, Washington 98901
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The Annex E – East negative pressure enclosure.



Sample 082624W-ANX E East-03 was collected from the polyethylene sheeting walkway outside of decontamination.



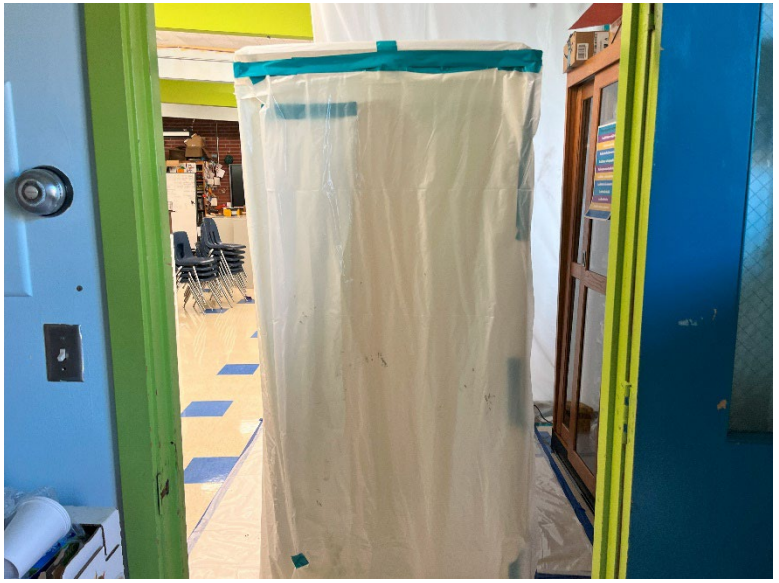
The Annex E – West negative pressure enclosure.



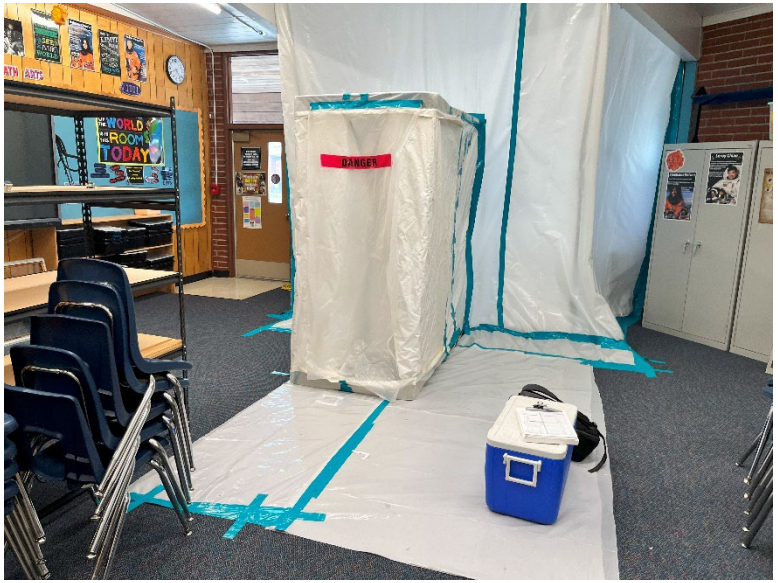
Sample 082624W-ANX E West-06 was collected from the polyethylene sheeting walkway outside of decontamination.



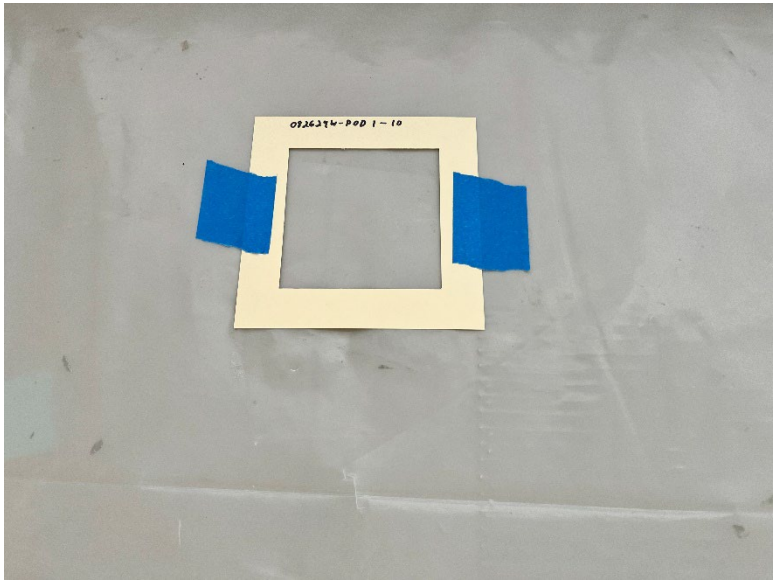
The Annex F negative pressure enclosure.



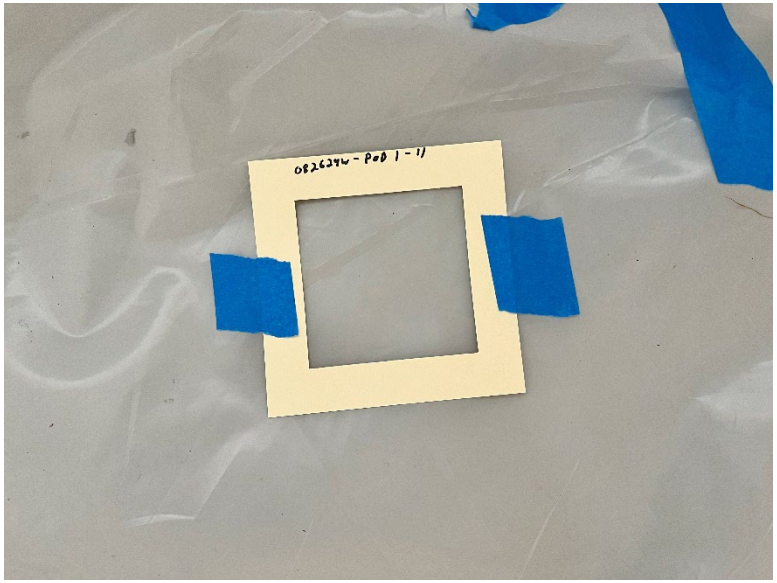
Sample 082624W-ANX F-09 was collected from the polyethylene sheeting walkway outside of decontamination.



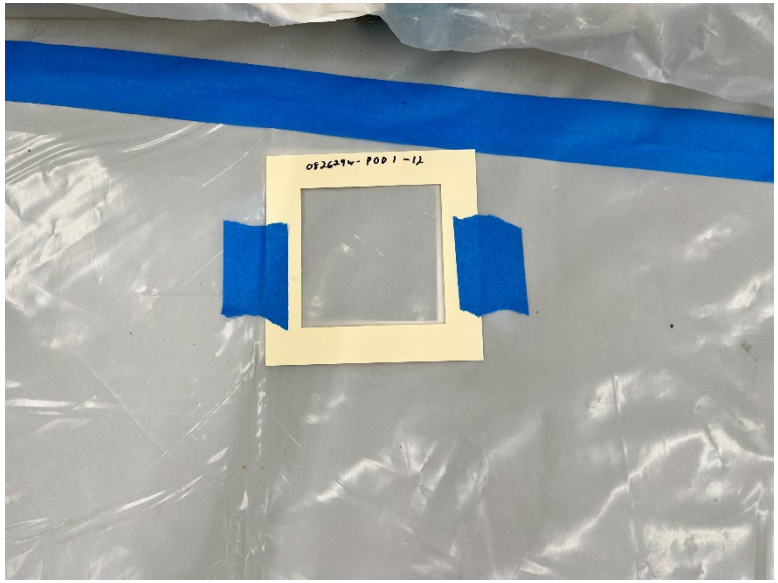
The Pod classroom 1 negative pressure enclosure.



Sample 082624W-POD 1-10 was collected from the polyethylene sheeting surface in the work area.



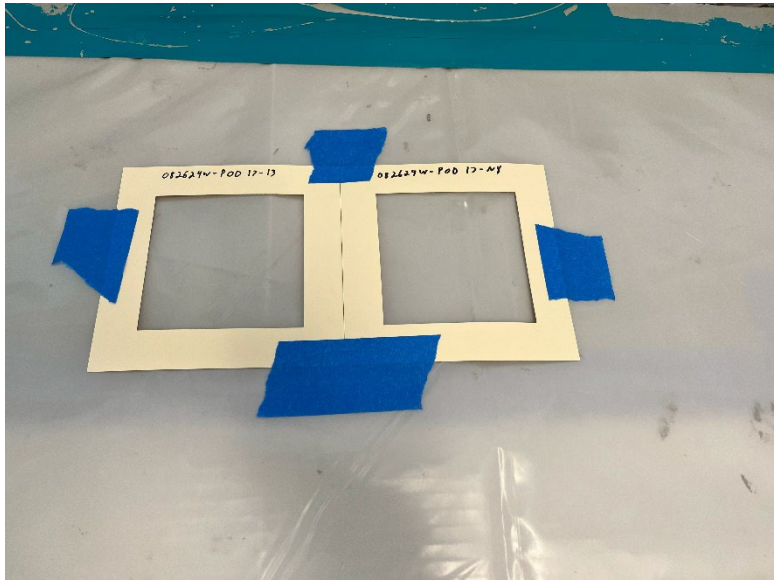
Sample 082624W-POD 1-11 was collected from the polyethylene sheeting surface in the work area.



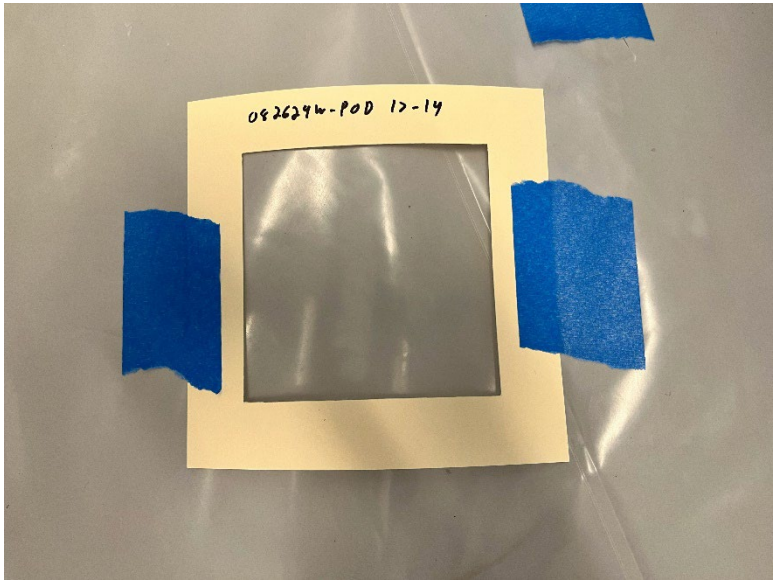
Sample 082624W-POD 1-12 was collected from the polyethylene sheeting walkway outside of decontamination.



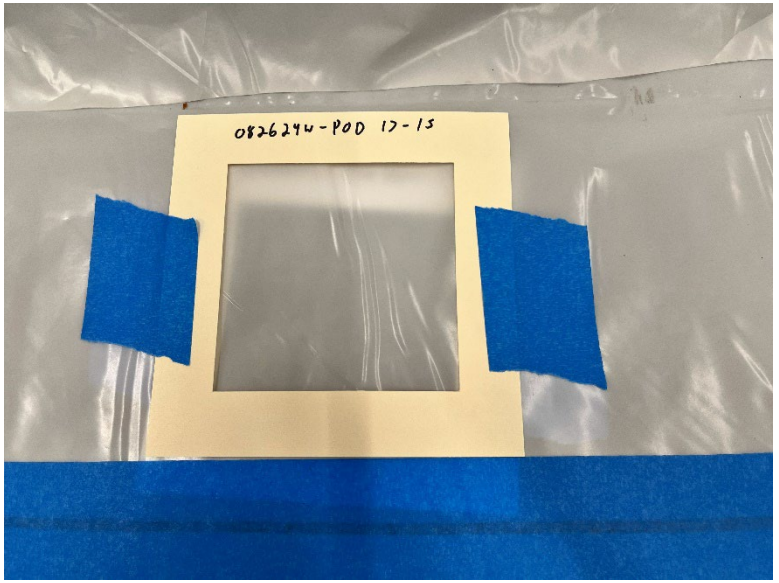
The Pod Classroom 17 negative pressure enclosure.



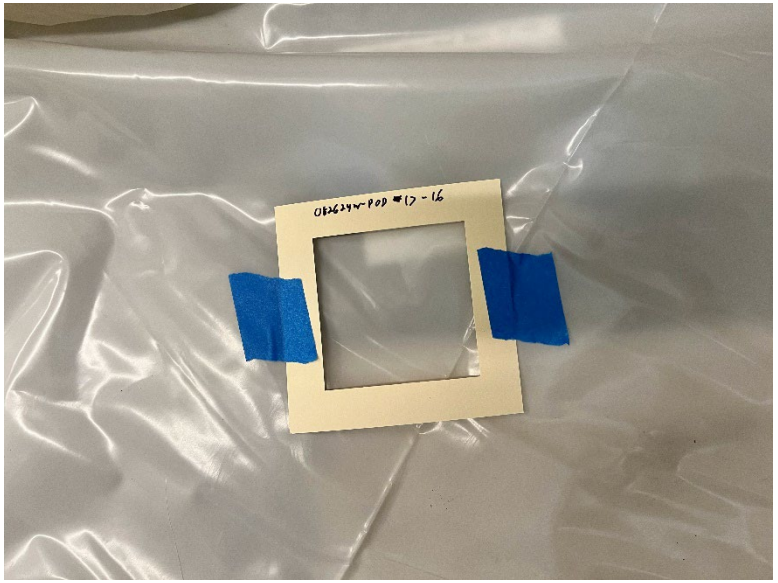
Sample 082624W-POD 17-13 and duplicate 082624W-Pod 17-N8 were collected from the polyethylene sheeting surface.



Sample 082624W-POD 17-14 was collected from the polyethylene sheeting surface in the work area.



Sample 082624W-POD 17-15 was collected from the polyethylene sheeting walkway outside of decontamination.



Sample 082624W-POD 17-16 was collected from the polyethylene sheeting walkway outside of waste load out.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 8/29/2024 12:57:30 PM Revision 1

JOB DESCRIPTION

Monroe SD Sky Valley
200-74884-1

JOB NUMBER

200-74884-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Revision 1

Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 12
QC Sample Results 13
QC Association Summary 14
Lab Chronicle 15
Certification Summary 18
Method Summary 19
Sample Summary 20
Chain of Custody 21
Receipt Checklists 25

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74884-1 — Eurofins Burlington

Job Narrative
200-74884-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

REVISION SUMMARY
This report was revised on 08/29/2024 to include an updated client COC.

Receipt
The samples were received on 8/27/2024 7:12 AM. Unless otherwise noted below, the samples arrived in good condition, and on ice. The temperature of the cooler at receipt time was 15.5°C, above the method defined limit of 6.0º C.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Client Sample ID: 082624W-ANX E EAST-03 — **Lab Sample ID: 200-74884-3**

No Detections.

Client Sample ID: 082624W-ANX E WEST-06 — **Lab Sample ID: 200-74884-6**

No Detections.

Client Sample ID: 082624W-ANX F-09 — **Lab Sample ID: 200-74884-10**

No Detections.

Client Sample ID: 082624W-POD 1-10 — **Lab Sample ID: 200-74884-11**

No Detections.

Client Sample ID: 082624W-POD 1-11 — **Lab Sample ID: 200-74884-12**

No Detections.

Client Sample ID: 082624W-POD 1-12 — **Lab Sample ID: 200-74884-13**

No Detections.

Client Sample ID: 082624W-POD 17-13 — **Lab Sample ID: 200-74884-14**

No Detections.

Client Sample ID: 082624W-POD 17-N8 — **Lab Sample ID: 200-74884-15**

No Detections.

Client Sample ID: 082624W-POD 17-14 — **Lab Sample ID: 200-74884-16**

No Detections.

Client Sample ID: 082624W-POD 17-15 — **Lab Sample ID: 200-74884-17**

No Detections.

Client Sample ID: 082624W-POD 17-16 — **Lab Sample ID: 200-74884-18**

No Detections.

Client Sample ID: 082624W-INTERIOR-N7 — **Lab Sample ID: 200-74884-19**

No Detections.

Client Sample ID: 082624W-INTERIOR-N9 — **Lab Sample ID: 200-74884-20**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 082624W-ANX E EAST-03

Lab Sample ID: 200-74884-3

Date Collected: 08/26/24 10:55
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*57 - 173*	*08/27/24 11:50*	*08/27/24 19:22*	*1*
DCB Decachlorobiphenyl	*94*		*59 - 171*	*08/27/24 11:50*	*08/27/24 19:22*	*1*

Client Sample ID: 082624W-ANX E WEST-06

Lab Sample ID: 200-74884-6

Date Collected: 08/26/24 11:12
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*57 - 173*	*08/27/24 11:50*	*08/27/24 19:40*	*1*
DCB Decachlorobiphenyl	*100*		*59 - 171*	*08/27/24 11:50*	*08/27/24 19:40*	*1*

Client Sample ID: 082624W-ANX F-09

Lab Sample ID: 200-74884-10

Date Collected: 08/26/24 11:35
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 19:58	1

Client Sample ID: 082624W-ANX F-09

Lab Sample ID: 200-74884-10
Date Collected: 08/26/24 11:35
Matrix: Wipe
Date Received: 08/27/24 07:12

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/27/24 11:50*	*08/27/24 19:58*	*1*
DCB Decachlorobiphenyl	*98*		*59 - 171*	*08/27/24 11:50*	*08/27/24 19:58*	*1*

Client Sample ID: 082624W-POD 1-10

Lab Sample ID: 200-74884-11
Date Collected: 08/26/24 12:01
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*57 - 173*	*08/27/24 11:50*	*08/27/24 22:54*	*1*
DCB Decachlorobiphenyl	*104*		*59 - 171*	*08/27/24 11:50*	*08/27/24 22:54*	*1*

Client Sample ID: 082624W-POD 1-11

Lab Sample ID: 200-74884-12
Date Collected: 08/26/24 12:04
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*57 - 173*	*08/27/24 11:50*	*08/27/24 20:15*	*1*
DCB Decachlorobiphenyl	*101*		*59 - 171*	*08/27/24 11:50*	*08/27/24 20:15*	*1*

Client Sample ID: 082624W-POD 1-12

Lab Sample ID: 200-74884-13
Date Collected: 08/26/24 12:07
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1

Client Sample ID: 082624W-POD 1-12

Lab Sample ID: 200-74884-13
Date Collected: 08/26/24 12:07
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*57 - 173*	*08/27/24 11:50*	*08/27/24 20:33*	*1*
DCB Decachlorobiphenyl	*99*		*59 - 171*	*08/27/24 11:50*	*08/27/24 20:33*	*1*

Client Sample ID: 082624W-POD 17-13

Lab Sample ID: 200-74884-14
Date Collected: 08/26/24 12:22
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*57 - 173*	*08/27/24 11:50*	*08/27/24 20:50*	*1*
DCB Decachlorobiphenyl	*106*		*59 - 171*	*08/27/24 11:50*	*08/27/24 20:50*	*1*

Client Sample ID: 082624W-POD 17-N8

Lab Sample ID: 200-74884-15
Date Collected: 08/26/24 12:24
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/27/24 11:50*	*08/27/24 21:08*	*1*
DCB Decachlorobiphenyl	*108*		*59 - 171*	*08/27/24 11:50*	*08/27/24 21:08*	*1*

Client Sample ID: 082624W-POD 17-14

Lab Sample ID: 200-74884-16

Date Collected: 08/26/24 12:27

Matrix: Wipe

Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*57 - 173*	*08/27/24 11:50*	*08/27/24 21:26*	*1*
DCB Decachlorobiphenyl	*106*		*59 - 171*	*08/27/24 11:50*	*08/27/24 21:26*	*1*

Client Sample ID: 082624W-POD 17-15

Lab Sample ID: 200-74884-17

Date Collected: 08/26/24 12:33

Matrix: Wipe

Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*57 - 173*	*08/27/24 11:50*	*08/27/24 21:43*	*1*
DCB Decachlorobiphenyl	*98*		*59 - 171*	*08/27/24 11:50*	*08/27/24 21:43*	*1*

Client Sample ID: 082624W-POD 17-16

Lab Sample ID: 200-74884-18

Date Collected: 08/26/24 12:35

Matrix: Wipe

Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:01	1

Client Sample ID: 082624W-POD 17-16

Lab Sample ID: 200-74884-18

Date Collected: 08/26/24 12:35
Matrix: Wipe
Date Received: 08/27/24 07:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*90*		*57 - 173*	*08/27/24 11:50*	*08/27/24 22:01*	*1*
DCB Decachlorobiphenyl	*104*		*59 - 171*	*08/27/24 11:50*	*08/27/24 22:01*	*1*

Client Sample ID: 082624W-INTERIOR-N7

Lab Sample ID: 200-74884-19

Date Collected: 08/26/24 12:40
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*82*		*57 - 173*	*08/27/24 11:50*	*08/27/24 22:18*	*1*
DCB Decachlorobiphenyl	*102*		*59 - 171*	*08/27/24 11:50*	*08/27/24 22:18*	*1*

Client Sample ID: 082624W-INTERIOR-N9

Lab Sample ID: 200-74884-20

Date Collected: 08/26/24 13:00
Matrix: Wipe
Date Received: 08/27/24 07:12

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*86*		*57 - 173*	*08/27/24 11:50*	*08/27/24 22:36*	*1*
DCB Decachlorobiphenyl	*103*		*59 - 171*	*08/27/24 11:50*	*08/27/24 22:36*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(57-173)	(59-171)										
200-74884-3	082624W-ANX E EAST-03	77	94										
200-74884-6	082624W-ANX E WEST-06	84	100										
200-74884-10	082624W-ANX F-09	79	98										
200-74884-11	082624W-POD 1-10	84	104										
200-74884-12	082624W-POD 1-11	83	101										
200-74884-13	082624W-POD 1-12	81	99										
200-74884-14	082624W-POD 17-13	82	106										
200-74884-15	082624W-POD 17-N8	86	108										
200-74884-16	082624W-POD 17-14	82	106										
200-74884-17	082624W-POD 17-15	79	98										
200-74884-18	082624W-POD 17-16	90	104										
200-74884-19	082624W-INTERIOR-N7	82	102										
200-74884-20	082624W-INTERIOR-N9	86	103										
LCS 480-723211/2-A	Lab Control Sample	90	113										
LCSD 480-723211/3-A	Lab Control Sample Dup	95	112										
MB 480-723211/1-A	Method Blank	96	110										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-723211/1-A
Matrix: Wipe
Analysis Batch: 723258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1221	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1232	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1242	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1248	1.0	U	1.0	0.18	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1254	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1260	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1262	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1
PCB-1268	1.0	U	1.0	0.25	ug/Wipe		08/27/24 11:50	08/27/24 18:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*57 - 173*	*08/27/24 11:50*	*08/27/24 18:30*	*1*
DCB Decachlorobiphenyl	*110*		*59 - 171*	*08/27/24 11:50*	*08/27/24 18:30*	*1*

Lab Sample ID: LCS 480-723211/2-A
Matrix: Wipe
Analysis Batch: 723258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723211

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			20.0	20.7		ug/Wipe		103	54 - 182		
PCB-1260			20.0	20.0		ug/Wipe		100	53 - 187		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*57 - 173*
DCB Decachlorobiphenyl	*113*		*59 - 171*

Lab Sample ID: LCSD 480-723211/3-A
Matrix: Wipe
Analysis Batch: 723258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 723211

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			20.0	21.2		ug/Wipe		106	54 - 182	3	50
PCB-1260			20.0	20.2		ug/Wipe		101	53 - 187	1	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*57 - 173*
DCB Decachlorobiphenyl	*112*		*59 - 171*

QC Association Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

GC Semi VOA

Prep Batch: 723211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74884-3	082624W-ANX E EAST-03	Total/NA	Wipe	3550C	
200-74884-6	082624W-ANX E WEST-06	Total/NA	Wipe	3550C	
200-74884-10	082624W-ANX F-09	Total/NA	Wipe	3550C	
200-74884-11	082624W-POD 1-10	Total/NA	Wipe	3550C	
200-74884-12	082624W-POD 1-11	Total/NA	Wipe	3550C	
200-74884-13	082624W-POD 1-12	Total/NA	Wipe	3550C	
200-74884-14	082624W-POD 17-13	Total/NA	Wipe	3550C	
200-74884-15	082624W-POD 17-N8	Total/NA	Wipe	3550C	
200-74884-16	082624W-POD 17-14	Total/NA	Wipe	3550C	
200-74884-17	082624W-POD 17-15	Total/NA	Wipe	3550C	
200-74884-18	082624W-POD 17-16	Total/NA	Wipe	3550C	
200-74884-19	082624W-INTERIOR-N7	Total/NA	Wipe	3550C	
200-74884-20	082624W-INTERIOR-N9	Total/NA	Wipe	3550C	
MB 480-723211/1-A	Method Blank	Total/NA	Wipe	3550C	
LCS 480-723211/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 480-723211/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	

Analysis Batch: 723258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74884-3	082624W-ANX E EAST-03	Total/NA	Wipe	8082A	723211
200-74884-6	082624W-ANX E WEST-06	Total/NA	Wipe	8082A	723211
200-74884-10	082624W-ANX F-09	Total/NA	Wipe	8082A	723211
200-74884-11	082624W-POD 1-10	Total/NA	Wipe	8082A	723211
200-74884-12	082624W-POD 1-11	Total/NA	Wipe	8082A	723211
200-74884-13	082624W-POD 1-12	Total/NA	Wipe	8082A	723211
200-74884-14	082624W-POD 17-13	Total/NA	Wipe	8082A	723211
200-74884-15	082624W-POD 17-N8	Total/NA	Wipe	8082A	723211
200-74884-16	082624W-POD 17-14	Total/NA	Wipe	8082A	723211
200-74884-17	082624W-POD 17-15	Total/NA	Wipe	8082A	723211
200-74884-18	082624W-POD 17-16	Total/NA	Wipe	8082A	723211
200-74884-19	082624W-INTERIOR-N7	Total/NA	Wipe	8082A	723211
200-74884-20	082624W-INTERIOR-N9	Total/NA	Wipe	8082A	723211
MB 480-723211/1-A	Method Blank	Total/NA	Wipe	8082A	723211
LCS 480-723211/2-A	Lab Control Sample	Total/NA	Wipe	8082A	723211
LCSD 480-723211/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	723211

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Client Sample ID: 082624W-ANX E EAST-03
Lab Sample ID: 200-74884-3
Date Collected: 08/26/24 10:55
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 19:22

Client Sample ID: 082624W-ANX E WEST-06
Lab Sample ID: 200-74884-6
Date Collected: 08/26/24 11:12
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 19:40

Client Sample ID: 082624W-ANX F-09
Lab Sample ID: 200-74884-10
Date Collected: 08/26/24 11:35
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 19:58

Client Sample ID: 082624W-POD 1-10
Lab Sample ID: 200-74884-11
Date Collected: 08/26/24 12:01
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 22:54

Client Sample ID: 082624W-POD 1-11
Lab Sample ID: 200-74884-12
Date Collected: 08/26/24 12:04
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 20:15

Client Sample ID: 082624W-POD 1-12
Lab Sample ID: 200-74884-13
Date Collected: 08/26/24 12:07
Matrix: Wipe
Date Received: 08/27/24 07:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 20:33

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Client Sample ID: 082624W-POD 17-13
Date Collected: 08/26/24 12:22
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-14
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 20:50

Client Sample ID: 082624W-POD 17-N8
Date Collected: 08/26/24 12:24
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-15
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 21:08

Client Sample ID: 082624W-POD 17-14
Date Collected: 08/26/24 12:27
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-16
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 21:26

Client Sample ID: 082624W-POD 17-15
Date Collected: 08/26/24 12:33
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-17
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 21:43

Client Sample ID: 082624W-POD 17-16
Date Collected: 08/26/24 12:35
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-18
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 22:01

Client Sample ID: 082624W-INTERIOR-N7
Date Collected: 08/26/24 12:40
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-19
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 22:18

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Client Sample ID: 082624W-INTERIOR-N9

Date Collected: 08/26/24 13:00
Date Received: 08/27/24 07:12

Lab Sample ID: 200-74884-20

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			723211	DP	EET BUF	08/27/24 11:50
Total/NA	Analysis	8082A		1	723258	W1T	EET BUF	08/27/24 22:36

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C784	02-10-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3550C	Wipe	PCB-1016
8082A	3550C	Wipe	PCB-1221
8082A	3550C	Wipe	PCB-1232
8082A	3550C	Wipe	PCB-1242
8082A	3550C	Wipe	PCB-1248
8082A	3550C	Wipe	PCB-1254
8082A	3550C	Wipe	PCB-1260
8082A	3550C	Wipe	PCB-1262
8082A	3550C	Wipe	PCB-1268

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: Monroe SD Sky Valley

Job ID: 200-74884-1
SDG: 200-74884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74884-3	082624W-ANX E EAST-03	Wipe	08/26/24 10:55	08/27/24 07:12
200-74884-6	082624W-ANX E WEST-06	Wipe	08/26/24 11:12	08/27/24 07:12
200-74884-10	082624W-ANX F-09	Wipe	08/26/24 11:35	08/27/24 07:12
200-74884-11	082624W-POD 1-10	Wipe	08/26/24 12:01	08/27/24 07:12
200-74884-12	082624W-POD 1-11	Wipe	08/26/24 12:04	08/27/24 07:12
200-74884-13	082624W-POD 1-12	Wipe	08/26/24 12:07	08/27/24 07:12
200-74884-14	082624W-POD 17-13	Wipe	08/26/24 12:22	08/27/24 07:12
200-74884-15	082624W-POD 17-N8	Wipe	08/26/24 12:24	08/27/24 07:12
200-74884-16	082624W-POD 17-14	Wipe	08/26/24 12:27	08/27/24 07:12
200-74884-17	082624W-POD 17-15	Wipe	08/26/24 12:33	08/27/24 07:12
200-74884-18	082624W-POD 17-16	Wipe	08/26/24 12:35	08/27/24 07:12
200-74884-19	082624W-INTERIOR-N7	Wipe	08/26/24 12:40	08/27/24 07:12
200-74884-20	082624W-INTERIOR-N9	Wipe	08/26/24 13:00	08/27/24 07:12

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.2
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 4~~ 1 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Interior	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082624w-ANX E East-01	8-26-24	10:50		Wipe			/ HOLD		NPE Interior
082624w-ANX E East-02		10:52		Wipe			/ HOLD		NPE Interior
082624w-ANX E East-03		10:55		Wipe			X		Outside decon
082624w-ANX E West-04		11:07		Wipe			/ HOLD		NPE Interior
082624w-ANX E West-05		11:09		Wipe			/ HOLD		NPE Interior
082624w-ANX E West-06		11:12		Wipe			X		Outside decon
082624w-ANX F-07		11:28		Wipe			/ HOLD		NPE Interior
082624w-ANX F-08		11:30		Wipe			/ HOLD		NPE Interior
082624w-ANX F-09		11:33		Wipe			/ HOLD		NPE Interior
082624w-ANX F-09		11:35		Wipe			X		Outside decon
082624w-POD 1-10	↓	12:01		Wipe			X		NPE Interior

8/26/2024

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All Samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-26-24 2:00 pm	Fulcrum			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

8/29/2024 (Rev. 1)

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:	Analysis Requested		Preservation Codes: N - None
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			Other:
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Interior	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082624W-POD 1-11	8-26-24	12:04		Wipe			X		NPE Interior
082624W-POD 1-12		12:07		Wipe			X		Outside decon
082624W-POD 17-13		12:22		Wipe			X		NPE Interior
082624W-POD 17-N8		12:24		Wipe			X		NPE Interior
082624W-POD 17-14		12:27		Wipe			X		NPE Interior
082624W-POD 17-15		12:33		Wipe			X		Outside decon
082624W-POD 17-16		12:35		Wipe			X		Outside Waste loadout
082624W-[redacted] Interior-N7		12:40		Wipe			X		
0826 24W-Interior-N9	↓	1:00		Wipe			X		
				Wipe					
				Wipe					

RWR

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All samples low2 cm

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Tarell Manjarrez	8-26-24 2:00 pm	Fulcrum			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.2
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 4~~ 1 of 1
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Interior	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082624w-ANX E East-01	8-26-24	10:50		Wipe			1		NPE Interior
082624w-ANX E East-02		10:52		Wipe			1		NPE Interior
082624w-ANX E East-03		10:55		Wipe			1		Outside decon
082624w-ANX E West-04		11:07		Wipe			1		NPE Interior
082624w-ANX E West-05		11:09		Wipe			1		NPE Interior
082624w-ANX E West-06		11:12		Wipe			1		Outside decon
082624w-ANX F-07		11:28		Wipe			1		NPE Interior
082624w-ANX F-08		11:30		Wipe			1		NPE Interior
082624w-ANX F-09		11:33		Wipe			1		NPE Interior
082624w-ANX F-09		11:35		Wipe			1		Outside decon
082624w-POD 1-10		12:01		Wipe			1		NPE Interior



Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All Samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Tarell Manjarrez	8-26-24 2:00 pm	Fulcrum	KO	8/27/24 930	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 15.5 #1 Ice

Ver: 04/02/2024

530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days): Rush			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Interior	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N		
082624w-POD 1-11	8-26-24	12:04		Wipe			1		NPE Interior
082624w-POD 1-12		12:07		Wipe			1		Outside decon
082624w-POD 17-13		12:22		Wipe			1		NPE Interior
082624w-POD 17-N8		12:24		Wipe			1		NPE Interior
082624w-POD 17-14		12:27		Wipe			1		NPE Interior
082624w-POD 17-15		12:33		Wipe			1		Outside decon
082624w-POD 17-16		12:35		Wipe			1		Outside Waste loadout
082624w-[redacted] Interior-N7		12:40		Wipe			1		
082624w-Interior-N9		1:00		Wipe			1		
				Wipe					
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: All samples low2 cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-26-24 2:00 pm	Fulcrum			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

8/29/2024 (Rev. 1)

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74884-1
SDG Number: 200-74884-1

Login Number: 74884
List Number: 1
Creator: Nye, Elizabeth A

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Clearance Report

Date	September 4, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Interior Work Area – POD classroom 1 and POD classroom 17**
Satus	**Clearance Complete. All results are at or below the interior clearance criteria.**

Work in POD classroom 1 and POD classroom 17 consisted of construction of a negative pressure enclosure, with preparation and recoating of existing epoxy coatings on the interior of the two classrooms. In 2016, identified areas of polychlorinated biphenyl (PCB) caulk on interior surfaces were removed where accessible and two layers of epoxy coating applied. Epoxy coating was applied generally on the lower frame of the windows units and on the framing elements securing the cement asbestos panels. Areas of remaining PCB caulk are located behind the unit ventilators.

Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

Each interior work area was constructed as a negative pressure enclosure (NPE) with a high efficiency particle air (HEPA) filter and charcoal filter equipped unit vented to the outdoors through a window opening. Each NPE was equipped with a chart strip manometer. The NPEs remain intact and HEPA filter units in operation until final clearance results for both air and wipe samples are received and quality control review is completed.

Work area preparation began with NPE construction on August 15, 2024 by Walker Specialty Construction, Inc. (Walker). Surface preparation and recoating occurred followed Fulcrum's inspection of the NPE. Walker reported that loose materials were removed, the existing epoxy surface prepared, a primer added where needed, and new epoxy coating was applied. The new epoxy layers were placed to extended beyond the extent of the previous epoxy encapsulants. The new surface epoxy coat is gray in color. See Attachment A for site photographs.

As provided in the Limited RBDA Approval, for interior work, both wipe and air samples are required.

- One wipe sample is to be collected from the cured epoxy surface at a rate of one sample for every 50 square feet or 50 linear feet in all repair or replacement locations and at least two samples will be collected for every 250 square feet of interior NPE, with a minimum of one sample and a

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maximum of five samples in a work area. In addition, one wipe sample will be collected from the floor surface at the exit from the NPE to determine if there has been any track-out of PCB-contaminated dust. An additional sample will be collected from any separate exit or waste loadout from the NPE. The interior clearance criteria for all wipe samples is 10 micrograms per 100 square centimeter area (10 µg/100 cm^2).

- A minimum of two air samples will be collected inside each NPE after completion of the work and before the removal of the NPE. If the NPE is larger than 500 square feet, an additional sample will be collected for every 500 square feet of area. The interior clearance criteria require that all air samples be at or below 100 nanograms per cubic meter (ng/m^3).

Interior work included in this clearance report included:

- POD 1 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet
- POD 17 – 32 linear feet of existing epoxy coating and a NPE of 60 square feet

See the following memorandum for the sampling detail and laboratory reports prepared by Fulcrum:

- *Results Memorandum*, August 27, 2024, Interior Work Areas: POD Classroom 1, POD Classroom 17, Annex E East, Annex E West, Annex F; Exterior Work Areas: Administration Building, North Side and Gymnasium Building, Daycare
- *Results Memorandum*, August 28, 2024, Interior Work Areas: POD Classroom 1, POD Classroom 17, Annex E East, Annex E West, Annex F.
- *Results Memorandum*, September 3, 2024, Interior Work Area: Annex E East, Annex E West, Annex F, POD classroom 1, POD classroom 17.

Based on the collected results, Fulcrum has determined that the wipe and air samples collected in the NPE of POD classroom 1 and POD classroom 17 demonstrate that the Summer 2024 work is complete:

- One wipe sample collected on the cured epoxy in each NPE – samples 082024W-Pod Room 1-13 and 082024W-Pod Room 17-17, Job No. 74724-1.
- Two wipe samples collected the polyethylene sheeting floor of each NPE – samples 082624W-POD 1-10, 082624W-POD 1-11, 082624W-POD 17-13, and 082624W-POD 17-14, Job No. 74884-1.
- One wipe sample collected outside of the decontamination entry for each NPE – samples 082624W-POD 1-12 and 082624W-POD 17-15, Job No. 74884-1.
- One wipe sample at the separate waste loadout for the POD classroom 17 work area – sample 082624W-POD 17-16, Job No. 74884-1.
- Two air samples from inside each NPE – samples 082024A-Pod Room 1-07, 082024A-Pod Room 1-08, 082024A-Pod Room 17-09, and 082024A-Pod Room 17-10, Job No.T4848-1 and Job No. JT4827-1 .

Table 1 provides the wipe samples relied upon for this clearance report. Table 2 provided the air samples relied upon for this clearance report.

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Table 1: Results Summary – Wipe Clearance Samples

Sample No.	Job No.	Date Collected	Type	PCBs (µg/100 cm²)
082024W-POD ROOM 1-13	J74724-1	8/20/2024	Wipe, New Cured Epoxy	< 1.0
082024W-POD ROOM 1-14	J74724-1	8/20/2024	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 1-15	J74724-1	8/20/2024	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 1-16	J74724-1	8/20/2024	Wipe, Carpet flooring at egress	< 1.0
082024W-POD ROOM 17-17	J74724-1	8/20/2024	Wipe, New Cured Epoxy	< 1.0
082024W-POD ROOM 17-18	J74724-1	8/20/2024	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 17-N8	J74724-1	8/20/2024	Duplicate of 082024W-POD ROOM 17-18	< 1.0
082024W-POD ROOM 17-19	J74724-1	8/20/2024	Wipe, Metal on unit ventilator	< 1.0
082024W-POD ROOM 17-20	J74724-1	8/20/2024	Wipe, NPE carpet floor	< 1.0
082024W-POD ROOM 17-21	J74724-1	8/20/2024	Wipe, NPE outside of waste loadout	< 1.0
082024W-INTERIOR-N7	J74724-1	8/20/2024	Field Blank	< 1.0
082024W-INTERIOR-N9	J74724-1	8/20/2024	Laboratory Blank	< 1.0
082624W-POD 1-10	J74884-1	8/26/2024	Wipe, Interior NPE Floor	< 1.0
082624W-POD 1-11	J74884-1	8/26/2024	Wipe, Interior NPE Floor	< 1.0
082624W-POD 1-12	J74884-1	8/26/2024	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-POD 17-13	J74884-1	8/26/2024	Wipe, Interior NPE Floor	< 1.0
082624W-POD 17-N8	J74884-1	8/26/2024	Duplicate of 082624W-POD 17-13	< 1.0
082624W-POD 17-14	J74884-1	8/26/2024	Wipe, Interior NPE Floor	< 1.0
082624W-POD 17-15	J74884-1	8/26/2024	Wipe, Floor Outside Decontamination Entry	< 1.0
082624W-POD 17-16	J74884-1	8/26/2024	Wipe, Floor Outside Waste Loadout	< 1.0
082624W-INTERIOR-N7	J74884-1	8/26/2024	Field Blank	< 1.0
082624W-INTERIOR-N9	J74884-1	8/26/2024	Laboratory Blank	< 1.0
Interior Clearance Criteria				**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

Table 2: Results Summary – Interior Air Clearance Samples

Sample	Job No.	Date Collected	Total Aroclors (ng/m³)
082024A-Pod Room 1-07	JT4818-1	8/20/2024	34
082024A-Pod Room 1-08	JT4818-1	8/20/2024	30
082024A-Pod Room 17-09	JT4818-1	8/20/2024	78
082024A-Pod Room 17-10	JT4818-1	8/20/2024	27 J
082024A-Interior-N7	JT4827-1	8/20/2024	<50
082024A-Interior-N9	JT4827-1	8/20/2024	<50
Interior Air Clearance Criteria			**100**

Any exceedances of the clearance criteria are shown in **Bold**
J The result is an estimate value below the reporting limit (RL)

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Yakima, Washington 98901
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The laboratory results for each of the above samples demonstrate that the clearance results are at or below the clearance criteria for the sample's type and location.

If you have any questions, please contact me directly at 509.728.2424 or ryan.mathews@efulcrum.net.

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406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

FULCRUM environmental consulting

Results Memorandum

Date	September 13, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez, Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Summer 2024 Epoxy Recoating** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
RE	**Interior Work Areas:** **Negative Pressure Enclosure in Annex E East, Annex E West, Annex F**
Findings	**PCBs Detected in One Cured Epoxy Sample Below the Clearance Criteria. NPE shall remain in place and operational.**

On September 13, 2024, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed final laboratory review validation associated with wipe samples collected associated with the Summer 2024 Epoxy Recoating at Sky Valley Education Center. Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

Each interior work area was constructed as a negative pressure enclosure (NPE) with a high efficiency particle air (HEPA) filter and charcoal filter equipped unit vented to the outdoors through a window opening. Each NPE was equipped with a chart strip manometer.

The NPEs associated with the Annex E East, Annex E West, and Annex F work areas remain intact and HEPA filter units in operation until final clearance results for both air and wipe samples are received, and quality control review is completed.

These samples were collected following receipt of air sampling results in the NPE for Annex E East and Annex E West which exceeded the clearance criteria to evaluate the potential for elevated PCB concentrations in settled dust inside the NPEs.

Wipe samples were collected as provided in the Limited RBDA Approval for interior work, generally consisting of one wipe sample from every 50 square feet or linear feet of new epoxy coating, a minimum of two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and one sample was collected from the polyethylene sheeting walk off path outside each NPE entry

On August 28, 2024, Tarell Manjarrez, an Environmental Scientist with Fulcrum collected the following wipe samples:

- Annex E East – One wipe sample was collected from the surface of the new epoxy coating, two

wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and one sample was collected from the polyethylene sheeting walk off path outside each NPE entry.

- Annex E West – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and one sample was collected from the polyethylene sheeting walk off path outside each NPE entry.
- Annex F – One wipe sample was collected from the surface of the new epoxy coating, two wipe samples were collected from the polyethylene sheeting floor within the negative pressure enclosure, and one sample was collected from the polyethylene sheeting walk off path outside the NPE entry.

Two duplicate wipe samples were also collected (labeled ending in N8). Two quality control samples, one field blank and one laboratory blank, labeled ending in N7 and N9, were also included with the collected samples.

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 100-square centimeters in interior area paper template was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

The samples were hand delivered on ice to Eurofins TestAmerica, Inc. (Eurofins) in Tacoma, Washington for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 74961-1 to the project samples. Samples were received at 8.1 degrees Celsius, and above the method defined limit of 6 degrees Celsius; given the temperature stability of PCBs, the elevated cooler temperature is not expected to impact sample results. See Attachment B for the laboratory report. Table 1 provides a summary of the laboratory results.

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Table 1: Results Summary – Interior Locations

Sample No.	Type	PCBs (µg/100 cm²)
082824W-ANX E East-01	Wipe, Epoxy Surface	< 1.0
082824W-ANX E East-02	Wipe, Interior NPE Floor	< 1.0
082824W-ANX E East-03	Wipe, Interior NPE Floor	< 1.0
082824W-ANX E East-04	Wipe, Floor Outside Decontamination Entry	< 1.0
082824W-ANX E West-05	Wipe, Epoxy Surface	< 1.0
082824W-ANX E West-06	Wipe, Interior NPE Floor	< 1.0
082824W-ANX E West-N8	Duplicate of 082824W-ANX E West-06	< 1.0
082824W-ANX E West-07	Wipe, Interior NPE Floor	< 1.0
082824W-ANX E West-08	Wipe, Floor Outside Decontamination Entry	< 1.0
082824W-ANX F-09	Wipe, Epoxy Surface	0.44
082824W-ANX F-N8	Duplicate of 082824W-ANX F-09	0.12
082824W-ANX F-10	Wipe, Interior NPE Floor	< 1.0
082824W-ANX F-11	Wipe, Interior NPE Floor	< 1.0
082824W-ANX F-12	Wipe, Floor Outside Decontamination Entry	< 1.0
082824W-ANX-N7	Field Blank	< 1.0
082824W-ANX-N9	Laboratory Blank	< 1.0
Interior Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

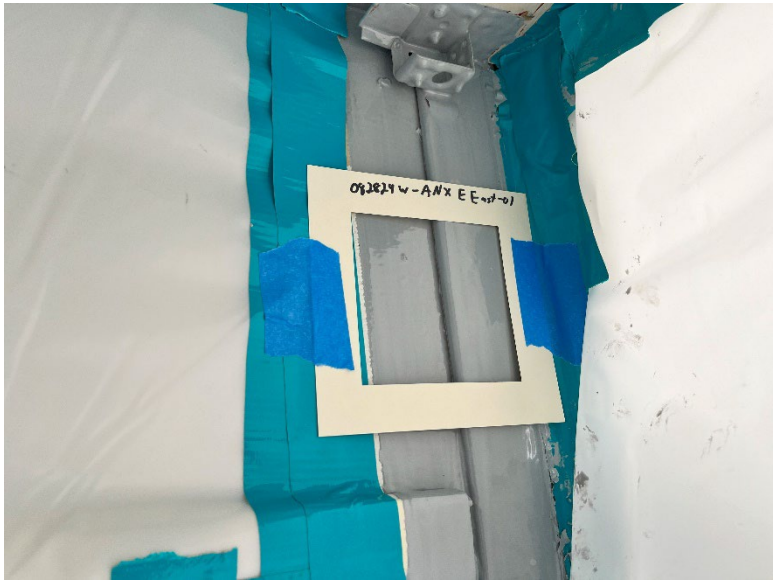
Laboratory analysis identified sample 082824W-ANX F-09 and its duplicate 082824W-ANX F-N8 to contain Aroclor 1254 concentrations above the method detection limit of 0.1 µg/100 cm², but below the reporting limit of 1 µg/100 cm².

All results were below the interior clearance criteria of 10 µg/100 cm² and did not identify the presence of PCB contaminated dust inside the work area.

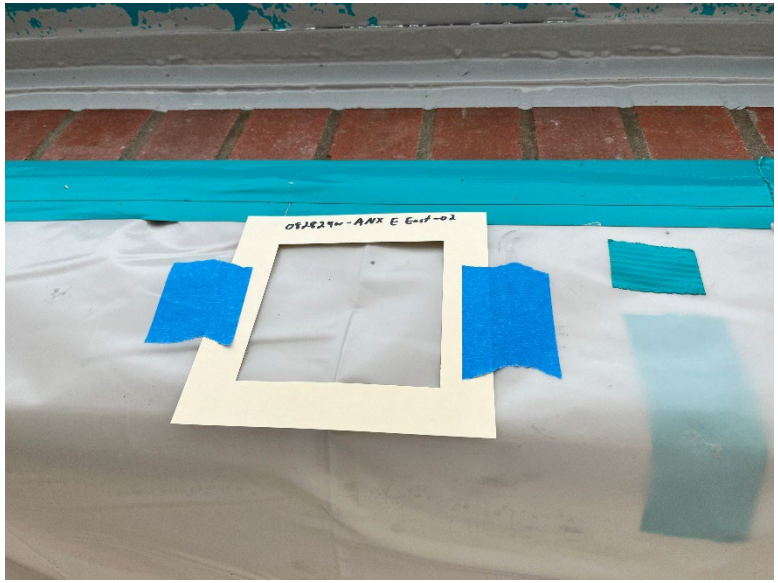
No NPE shall be removed as a result of these results.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

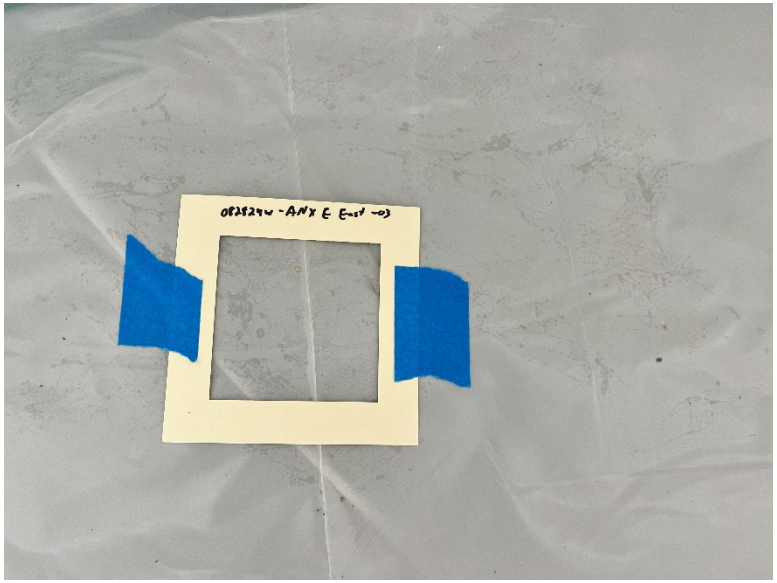
P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



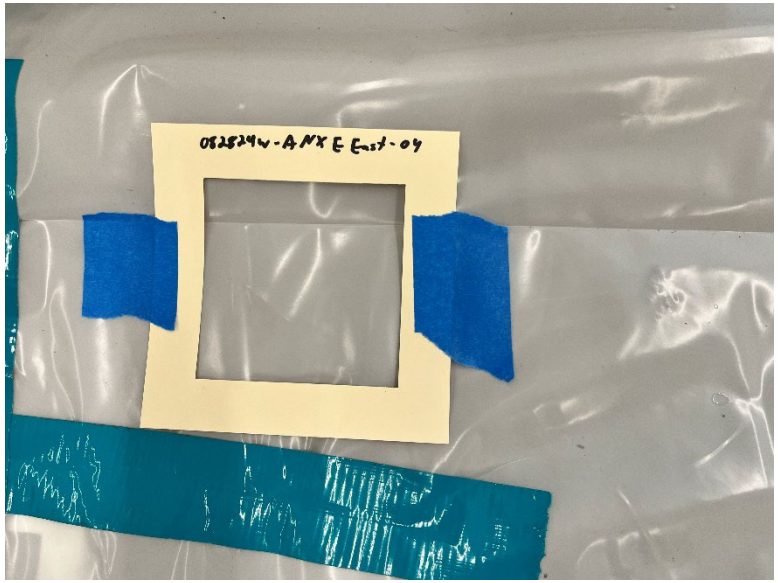
Sample 082824W-ANX E East-01 was collected from the new gray epoxy surface.



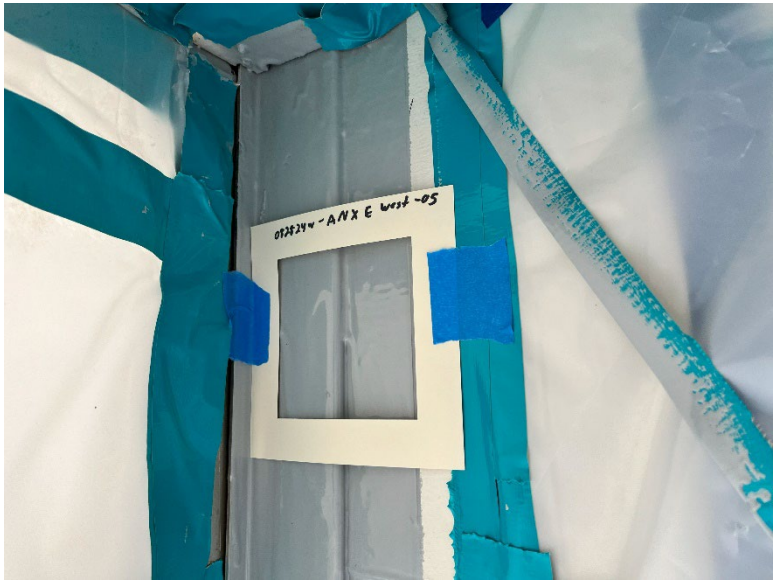
Sample 082824W-ANX E East-02 was collected from the polyethylene sheeting surface in the work area.



Sample 082824W-ANX E East-03 was collected from the polyethylene sheeting surface in the work area.



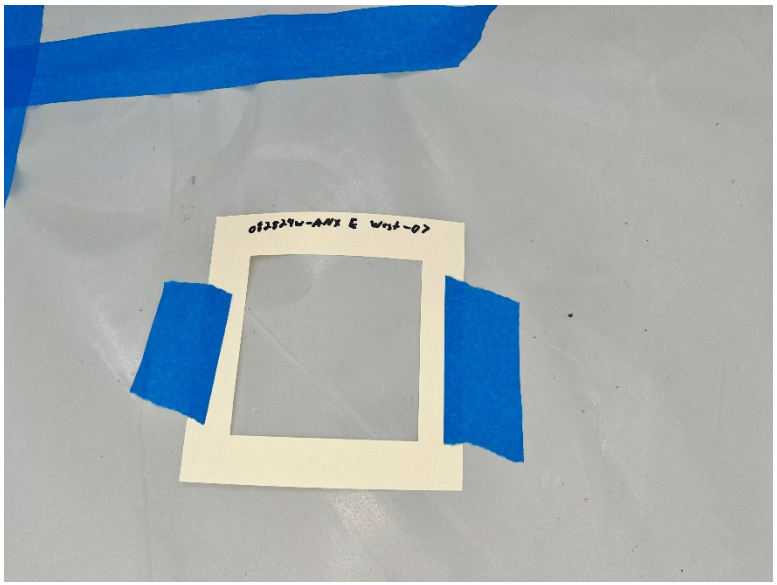
Sample 082824W-ANX E East-04 was collected from the polyethylene sheeting walkway outside of decontamination.



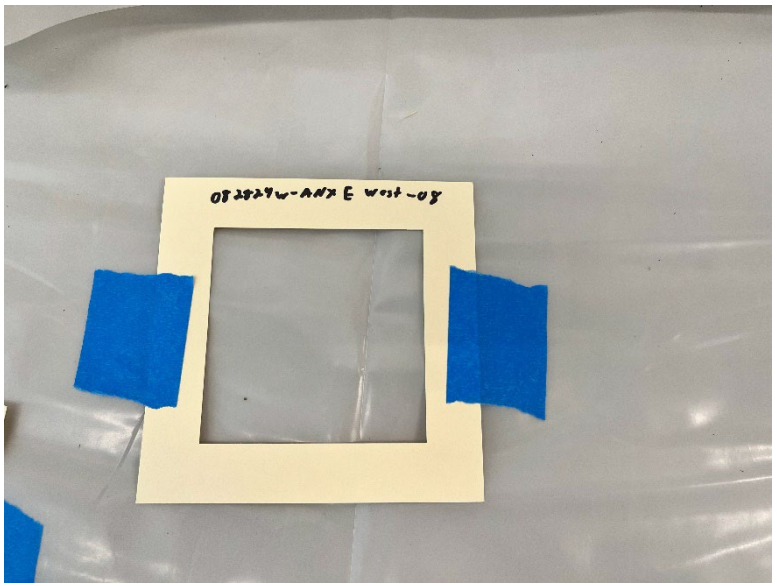
Sample 082824W-ANX E West-05 was collected from the new gray epoxy surface.



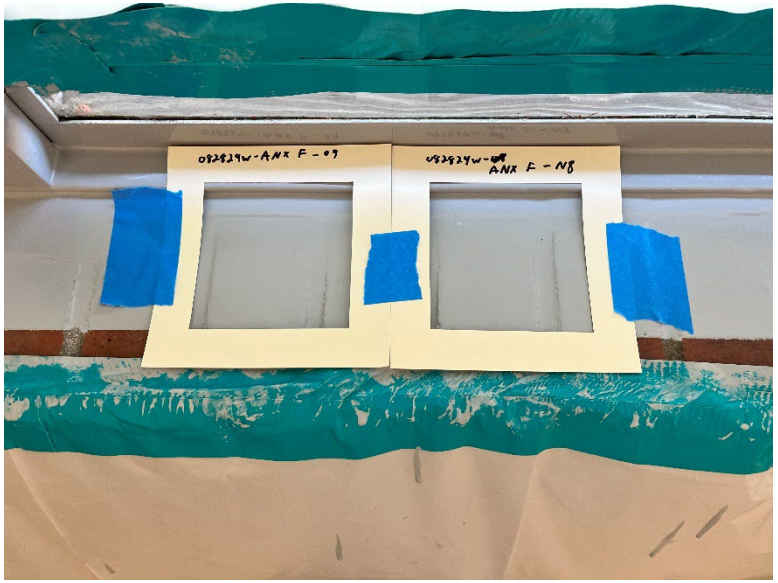
Sample 082824W-ANX E West-06 and duplicate 082824W-ANX E West were collected from the polyethylene sheeting.



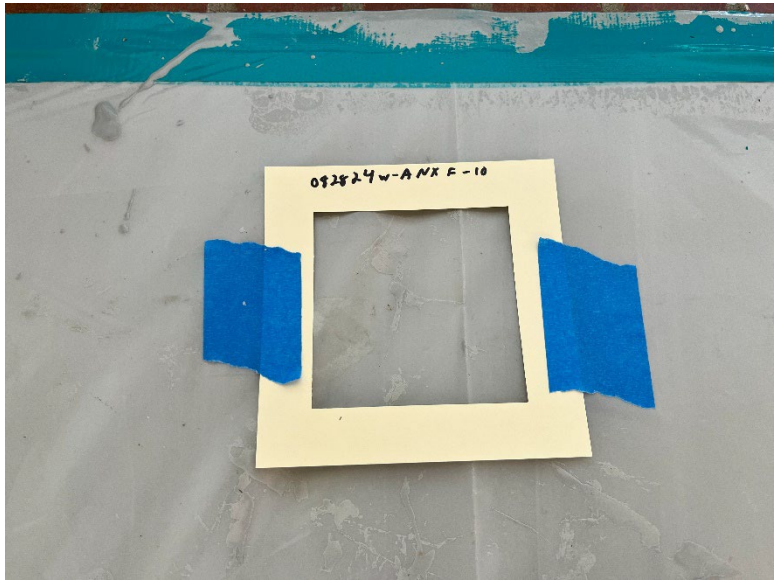
Sample 082824W-ANX E West-07 was collected from the polyethylene sheeting surface in the work area.



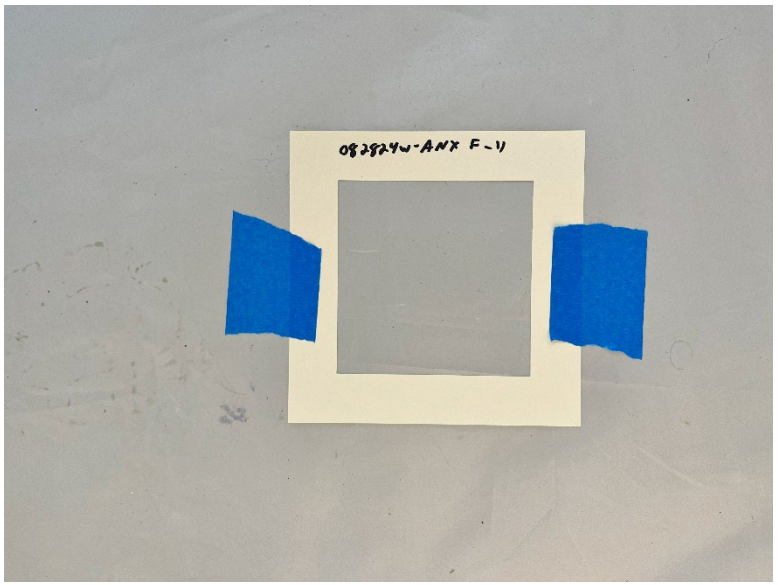
Sample 082824W-ANX E West-08 was collected from the polyethylene sheeting walkway outside of decontamination.



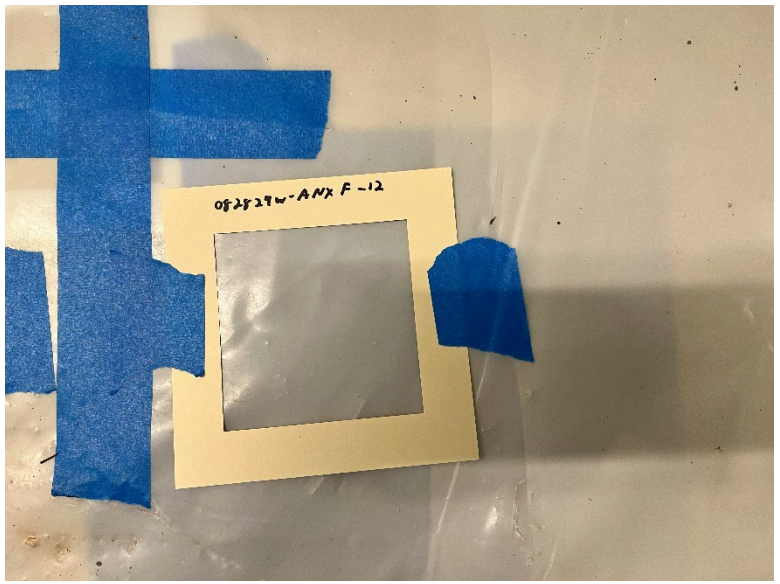
Sample 082824W-ANX F-09 and duplicate 082824W-ANX F-N8 was collected from the new gray epoxy surface.



Sample 082824W-ANX F-10 was collected from the polyethylene sheeting surface in the work area.



Sample 082824W-ANX F-11 was collected from the polyethylene sheeting surface in the work area.



Sample 082824W-ANX F-12 was collected from the polyethylene sheeting walkway outside of decontamination.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 9/9/2024 8:44:03 PM

JOB DESCRIPTION

SVEC Project
200-74951-1

JOB NUMBER

200-74961-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Elizabeth Nye, Project Manager I
Elizabeth.Nye@et.eurofinsus.com
(802)923-1029

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 13
QC Sample Results 14
QC Association Summary 16
Lab Chronicle 18
Certification Summary 21
Method Summary 22
Sample Summary 23
Chain of Custody 24
Receipt Checklists 26

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74961-1 — Eurofins Burlington

Job Narrative
200-74961-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/29/2024 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.8°C.

PCBs
Method 8082A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Client sample contained gauze pads preserved in Hexane. SOP was followed and the preservative hexane was treated as sample, not providing towards the final volume.

Method 8082A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Client samples contained gauze pads preserved in hexane. SOP was followed and the preservative hexane was treated as sample, not providing towards the final volume.

Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00050 : 082824W-ANX F -09 (200-74961-10), 082824W-ANX F -N8 (200-74961-11), 082824W-ANX F-10 (200-74961-12), 082824W-ANX F-11 (200-74961-13), 082824W-ANX F-12 (200-74961-14), 082824W-ANX -N7 (200-74961-15), 082824W-ANX -N9 (200-74961-16), (LCS 580-470292/2-A), (LCSD 580-470292/3-A) and (MB 580-470292/1-A).

Method 8082A: The continuing calibration verification (CCV) associated with 580-470548 recovered high and outside the control limits for PCB-1232 on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 580-470548/2).

Method 8082A: Surrogate recovery for the following samples were outside of acceptance limits: 082824W-ANX F -09 (200-74961-10), 082824W-ANX F -N8 (200-74961-11), 082824W-ANX F-10 (200-74961-12), 082824W-ANX F-12 (200-74961-14), 082824W-ANX -N7 (200-74961-15) and 082824W-ANX -N9 (200-74961-16). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8082A: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: 082824W-ANX F -09 (200-74961-10), 082824W-ANX F -N8 (200-74961-11) and 082824W-ANX F-10 (200-74961-12). Due to the poor match with the Aroclor standards, there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX E EAST-01 — Lab Sample ID: 200-74961-1

No Detections.

Client Sample ID: 082824W-ANX E EAST-02 — Lab Sample ID: 200-74961-2

No Detections.

Client Sample ID: 082824W-ANX E EAST-03 — Lab Sample ID: 200-74961-3

No Detections.

Client Sample ID: 082824W-ANX E EAST-04 — Lab Sample ID: 200-74961-4

No Detections.

Client Sample ID: 082824W-ANX E WEST-05 — Lab Sample ID: 200-74961-5

No Detections.

Client Sample ID: 082824W-ANX E WEST-06 — Lab Sample ID: 200-74961-6

No Detections.

Client Sample ID: 082824W-ANX E WEST-N8 — Lab Sample ID: 200-74961-7

No Detections.

Client Sample ID: 082824W-ANX E WEST-07 — Lab Sample ID: 200-74961-8

No Detections.

Client Sample ID: 082824W-ANX E WEST-08 — Lab Sample ID: 200-74961-9

No Detections.

Client Sample ID: 082824W-ANX F -09 — Lab Sample ID: 200-74961-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.44		0.10	0.10	ug/Wipe	1		8082A	Total/NA

Client Sample ID: 082824W-ANX F -N8 — Lab Sample ID: 200-74961-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.12		0.10	0.10	ug/Wipe	1		8082A	Total/NA

Client Sample ID: 082824W-ANX F-10 — Lab Sample ID: 200-74961-12

No Detections.

Client Sample ID: 082824W-ANX F-11 — Lab Sample ID: 200-74961-13

No Detections.

Client Sample ID: 082824W-ANX F-12 — Lab Sample ID: 200-74961-14

No Detections.

Client Sample ID: 082824W-ANX -N7 — Lab Sample ID: 200-74961-15

No Detections.

Client Sample ID: 082824W-ANX -N9 — Lab Sample ID: 200-74961-16

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX E EAST-01

Lab Sample ID: 200-74961-1
Date Collected: 08/28/24 11:00
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:46*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:24*	*09/08/24 11:46*	*1*

Client Sample ID: 082824W-ANX E EAST-02

Lab Sample ID: 200-74961-2
Date Collected: 08/28/24 11:02
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:03*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:03*	*1*

Client Sample ID: 082824W-ANX E EAST-03

Lab Sample ID: 200-74961-3
Date Collected: 08/28/24 11:04
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:21*	*1*
Tetrachloro-m-xylene	*79*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:21*	*1*

Client Sample ID: 082824W-ANX E EAST-04

Lab Sample ID: 200-74961-4
Date Collected: 08/28/24 11:07
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:39*	*1*
Tetrachloro-m-xylene	*73*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:39*	*1*

Client Sample ID: 082824W-ANX E WEST-05

Lab Sample ID: 200-74961-5
Date Collected: 08/28/24 11:33
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:56*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:24*	*09/08/24 12:56*	*1*

Client Sample ID: 082824W-ANX E WEST-06

Lab Sample ID: 200-74961-6
Date Collected: 08/28/24 11:35
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:14*	*1*
Tetrachloro-m-xylene	*75*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:14*	*1*

Client Sample ID: 082824W-ANX E WEST-N8

Lab Sample ID: 200-74961-7
Matrix: Wipe
Date Collected: 08/28/24 11:37
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:31*	*1*
Tetrachloro-m-xylene	*78*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:31*	*1*

Client Sample ID: 082824W-ANX E WEST-07

Lab Sample ID: 200-74961-8
Matrix: Wipe
Date Collected: 08/28/24 11:39
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:49*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 13:49*	*1*

Client Sample ID: 082824W-ANX E WEST-08

Lab Sample ID: 200-74961-9
Matrix: Wipe
Date Collected: 08/28/24 11:42
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*60 - 120*	*09/04/24 16:24*	*09/08/24 14:07*	*1*
Tetrachloro-m-xylene	*68*		*60 - 120*	*09/04/24 16:24*	*09/08/24 14:07*	*1*

Client Sample ID: 082824W-ANX F -09

Lab Sample ID: 200-74961-10

Date Collected: 08/28/24 11:39
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1254	**0.44**		0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 00:49*	*1*
Tetrachloro-m-xylene	*51*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 00:49*	*1*

Client Sample ID: 082824W-ANX F -N8

Lab Sample ID: 200-74961-11

Date Collected: 08/28/24 11:42
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1254	**0.12**		0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:06*	*1*
Tetrachloro-m-xylene	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:06*	*1*

Client Sample ID: 082824W-ANX F-10

Lab Sample ID: 200-74961-12

Date Collected: 08/28/24 12:01
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:24*	*1*
Tetrachloro-m-xylene	*51*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:24*	*1*

Client Sample ID: 082824W-ANX F-11

Lab Sample ID: 200-74961-13

Date Collected: 08/28/24 12:03
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:42*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:42*	*1*

Client Sample ID: 082824W-ANX F-12

Lab Sample ID: 200-74961-14

Date Collected: 08/28/24 12:05
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:59*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 01:59*	*1*

Client Sample ID: 082824W-ANX -N7

Lab Sample ID: 200-74961-15

Date Collected: 08/28/24 12:07
Matrix: Wipe
Date Received: 08/29/24 11:45

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:17*	*1*
Tetrachloro-m-xylene	*50*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:17*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX -N9
Date Collected: 08/28/24 14:30
Date Received: 08/29/24 11:45

Lab Sample ID: 200-74961-16
Matrix: Wipe

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/07/24 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:35*	*1*
Tetrachloro-m-xylene	*52*	*S1-*	*60 - 120*	*09/04/24 16:03*	*09/07/24 02:35*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74961-1	082824W-ANX E EAST-01	72	71
200-74961-2	082824W-ANX E EAST-02	71	65
200-74961-3	082824W-ANX E EAST-03	87	79
200-74961-4	082824W-ANX E EAST-04	77	73
200-74961-5	082824W-ANX E WEST-05	71	64
200-74961-6	082824W-ANX E WEST-06	84	75
200-74961-7	082824W-ANX E WEST-N8	82	78
200-74961-8	082824W-ANX E WEST-07	70	67
200-74961-9	082824W-ANX E WEST-08	67	68
LCS 580-470306/2-A	Lab Control Sample	93	96
LCSD 580-470292/3-A	Lab Control Sample Dup	70	67
LCSD 580-470306/3-A	Lab Control Sample Dup	105	97
MB 580-470292/1-A	Method Blank	66	67
MB 580-470306/1-A	Method Blank	93	92

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74961-10	082824W-ANX F -09	53 S1-	51 S1-
200-74961-11	082824W-ANX F -N8	55 S1-	53 S1-
200-74961-13	082824W-ANX F-11	55 S1-	52 S1-
200-74961-14	082824W-ANX F-12	54 S1-	52 S1-
200-74961-15	082824W-ANX -N7	53 S1-	50 S1-
200-74961-16	082824W-ANX -N9	54 S1-	52 S1-
LCS 580-470292/2-A	Lab Control Sample	70	69

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74961-12	082824W-ANX F-10	55 S1-	51 S1-

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 580-470292/1-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:03	09/06/24 23:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:03*	*09/06/24 23:56*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:03*	*09/06/24 23:56*	*1*

Lab Sample ID: LCS 580-470292/2-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470292

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.720		ug/Wipe		72	60 - 120		
PCB-1260			1.00	0.706		ug/Wipe		71	60 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*60 - 120*
Tetrachloro-m-xylene	*69*		*60 - 120*

Lab Sample ID: LCSD 580-470292/3-A
Matrix: Wipe
Analysis Batch: 470548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470292

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.703		ug/Wipe		70	60 - 120	2	10
PCB-1260			1.00	0.706		ug/Wipe		71	60 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*60 - 120*
Tetrachloro-m-xylene	*67*		*60 - 120*

Lab Sample ID: MB 580-470306/1-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:24	09/08/24 07:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		60 - 120	09/04/24 16:24	09/08/24 07:39	1
Tetrachloro-m-xylene	92		60 - 120	09/04/24 16:24	09/08/24 07:39	1

Lab Sample ID: LCS 580-470306/2-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470306

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.03		ug/Wipe		103	60 - 120		
PCB-1260			1.00	1.02		ug/Wipe		102	60 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	93		60 - 120
Tetrachloro-m-xylene	96		60 - 120

Lab Sample ID: LCSD 580-470306/3-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.06		ug/Wipe		106	60 - 120	3	10
PCB-1260			1.00	1.05		ug/Wipe		105	60 - 120	3	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	105		60 - 120
Tetrachloro-m-xylene	97		60 - 120

GC Semi VOA

Prep Batch: 470292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74961-10	082824W-ANX F -09	Total/NA	Wipe	3580A	
200-74961-11	082824W-ANX F -N8	Total/NA	Wipe	3580A	
200-74961-12	082824W-ANX F-10	Total/NA	Wipe	3580A	
200-74961-13	082824W-ANX F-11	Total/NA	Wipe	3580A	
200-74961-14	082824W-ANX F-12	Total/NA	Wipe	3580A	
200-74961-15	082824W-ANX -N7	Total/NA	Wipe	3580A	
200-74961-16	082824W-ANX -N9	Total/NA	Wipe	3580A	
MB 580-470292/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470292/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470292/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Prep Batch: 470306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74961-1	082824W-ANX E EAST-01	Total/NA	Wipe	3580A	
200-74961-2	082824W-ANX E EAST-02	Total/NA	Wipe	3580A	
200-74961-3	082824W-ANX E EAST-03	Total/NA	Wipe	3580A	
200-74961-4	082824W-ANX E EAST-04	Total/NA	Wipe	3580A	
200-74961-5	082824W-ANX E WEST-05	Total/NA	Wipe	3580A	
200-74961-6	082824W-ANX E WEST-06	Total/NA	Wipe	3580A	
200-74961-7	082824W-ANX E WEST-N8	Total/NA	Wipe	3580A	
200-74961-8	082824W-ANX E WEST-07	Total/NA	Wipe	3580A	
200-74961-9	082824W-ANX E WEST-08	Total/NA	Wipe	3580A	
MB 580-470306/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470306/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470306/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Analysis Batch: 470548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74961-10	082824W-ANX F -09	Total/NA	Wipe	8082A	470292
200-74961-11	082824W-ANX F -N8	Total/NA	Wipe	8082A	470292
200-74961-12	082824W-ANX F-10	Total/NA	Wipe	8082A	470292
200-74961-13	082824W-ANX F-11	Total/NA	Wipe	8082A	470292
200-74961-14	082824W-ANX F-12	Total/NA	Wipe	8082A	470292
200-74961-15	082824W-ANX -N7	Total/NA	Wipe	8082A	470292
200-74961-16	082824W-ANX -N9	Total/NA	Wipe	8082A	470292
MB 580-470292/1-A	Method Blank	Total/NA	Wipe	8082A	470292
LCS 580-470292/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470292
LCSD 580-470292/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470292

Analysis Batch: 470691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74961-1	082824W-ANX E EAST-01	Total/NA	Wipe	8082A	470306
200-74961-2	082824W-ANX E EAST-02	Total/NA	Wipe	8082A	470306
200-74961-3	082824W-ANX E EAST-03	Total/NA	Wipe	8082A	470306
200-74961-4	082824W-ANX E EAST-04	Total/NA	Wipe	8082A	470306
200-74961-5	082824W-ANX E WEST-05	Total/NA	Wipe	8082A	470306
200-74961-6	082824W-ANX E WEST-06	Total/NA	Wipe	8082A	470306
200-74961-7	082824W-ANX E WEST-N8	Total/NA	Wipe	8082A	470306
200-74961-8	082824W-ANX E WEST-07	Total/NA	Wipe	8082A	470306
200-74961-9	082824W-ANX E WEST-08	Total/NA	Wipe	8082A	470306
MB 580-470306/1-A	Method Blank	Total/NA	Wipe	8082A	470306

GC Semi VOA (Continued)

Analysis Batch: 470691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 580-470306/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470306
LCSD 580-470306/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470306

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX E EAST-01
Lab Sample ID: 200-74961-1
Date Collected: 08/28/24 11:00
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 11:46

Client Sample ID: 082824W-ANX E EAST-02
Lab Sample ID: 200-74961-2
Date Collected: 08/28/24 11:02
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 12:03

Client Sample ID: 082824W-ANX E EAST-03
Lab Sample ID: 200-74961-3
Date Collected: 08/28/24 11:04
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 12:21

Client Sample ID: 082824W-ANX E EAST-04
Lab Sample ID: 200-74961-4
Date Collected: 08/28/24 11:07
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 12:39

Client Sample ID: 082824W-ANX E WEST-05
Lab Sample ID: 200-74961-5
Date Collected: 08/28/24 11:33
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 12:56

Client Sample ID: 082824W-ANX E WEST-06
Lab Sample ID: 200-74961-6
Date Collected: 08/28/24 11:35
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 13:14

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX E WEST-N8
Lab Sample ID: 200-74961-7
Date Collected: 08/28/24 11:37
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 13:31

Client Sample ID: 082824W-ANX E WEST-07
Lab Sample ID: 200-74961-8
Date Collected: 08/28/24 11:39
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 13:49

Client Sample ID: 082824W-ANX E WEST-08
Lab Sample ID: 200-74961-9
Date Collected: 08/28/24 11:42
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470306	MJ	EET SEA	09/04/24 16:24
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 14:07

Client Sample ID: 082824W-ANX F -09
Lab Sample ID: 200-74961-10
Date Collected: 08/28/24 11:39
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 00:49

Client Sample ID: 082824W-ANX F -N8
Lab Sample ID: 200-74961-11
Date Collected: 08/28/24 11:42
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 01:06

Client Sample ID: 082824W-ANX F-10
Lab Sample ID: 200-74961-12
Date Collected: 08/28/24 12:01
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 01:24

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Client Sample ID: 082824W-ANX F-11
Lab Sample ID: 200-74961-13
Date Collected: 08/28/24 12:03
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 01:42

Client Sample ID: 082824W-ANX F-12
Lab Sample ID: 200-74961-14
Date Collected: 08/28/24 12:05
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 01:59

Client Sample ID: 082824W-ANX -N7
Lab Sample ID: 200-74961-15
Date Collected: 08/28/24 12:07
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 02:17

Client Sample ID: 082824W-ANX -N9
Lab Sample ID: 200-74961-16
Date Collected: 08/28/24 14:30
Matrix: Wipe
Date Received: 08/29/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470292	ER	EET SEA	09/04/24 16:03
Total/NA	Analysis	8082A		1	470548	VLF	EET SEA	09/07/24 02:35

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Laboratory: Eurofins Seattle

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-24 *
Florida	NELAP	E87575	06-30-25
Louisiana	NELAP	03073	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
Montana (UST)	State	NA	04-14-27
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-24	07-13-25
Wisconsin	State	399133460	08-31-24 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET SEA
3580A	Extraction of PCBs (Wipe Samples)	SW846	EET SEA

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74961-1
SDG: 200-74951-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74961-1	082824W-ANX E EAST-01	Wipe	08/28/24 11:00	08/29/24 11:45
200-74961-2	082824W-ANX E EAST-02	Wipe	08/28/24 11:02	08/29/24 11:45
200-74961-3	082824W-ANX E EAST-03	Wipe	08/28/24 11:04	08/29/24 11:45
200-74961-4	082824W-ANX E EAST-04	Wipe	08/28/24 11:07	08/29/24 11:45
200-74961-5	082824W-ANX E WEST-05	Wipe	08/28/24 11:33	08/29/24 11:45
200-74961-6	082824W-ANX E WEST-06	Wipe	08/28/24 11:35	08/29/24 11:45
200-74961-7	082824W-ANX E WEST-N8	Wipe	08/28/24 11:37	08/29/24 11:45
200-74961-8	082824W-ANX E WEST-07	Wipe	08/28/24 11:39	08/29/24 11:45
200-74961-9	082824W-ANX E WEST-08	Wipe	08/28/24 11:42	08/29/24 11:45
200-74961-10	082824W-ANX F -09	Wipe	08/28/24 11:39	08/29/24 11:45
200-74961-11	082824W-ANX F -N8	Wipe	08/28/24 11:42	08/29/24 11:45
200-74961-12	082824W-ANX F-10	Wipe	08/28/24 12:01	08/29/24 11:45
200-74961-13	082824W-ANX F-11	Wipe	08/28/24 12:03	08/29/24 11:45
200-74961-14	082824W-ANX F-12	Wipe	08/28/24 12:05	08/29/24 11:45
200-74961-15	082824W-ANX -N7	Wipe	08/28/24 12:07	08/29/24 11:45
200-74961-16	082824W-ANX -N9	Wipe	08/28/24 14:30	08/29/24 11:45

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone:	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 4~~ 1 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:

Address: 406 North 2nd Street	Due Date Requested:	Analysis Requested	Preservation Codes: N - None
City: Yakima	TAT Requested (days): Rush 1-2 day		
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order Requested		
Email: tarell.manjarrez@efulcrum.net	WO #:		Other:
Project Name: SVEC Project	Project #: 20011767		
Site: SVEC Annex Interior NPE's	SSOW#:		

200-74961 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082824w-ANX E East -01	8-28-24	11:00		Wipe			1		On epoxy
082824w-ANX E East -02		11:02		Wipe			1		NPE Interior
082824w-ANX E East -03		11:04		Wipe			1		NPE Interior
082824w-ANX E East -04		11:07		Wipe			1		Outside Decon
082824w-ANX E west -05		11:33		Wipe			1		On epoxy
082824w-ANX E west -06		11:35		Wipe			1		NPE Interior
082824w-ANX E west -N8		11:37		Wipe			1		NPE Interior
082824w-ANX E west -07		11:39		Wipe			1		NPE Interior
082824w-ANX E west -08		11:42		Wipe			1		Outside Decon
082824w-ANX F -09		12:01		Wipe			1		On epoxy
082824w-ANX F -N8		12:03		Wipe			1		On epoxy

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	FBTN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR14 8.1/7.8

LB Ice/Hum/CD.

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler:	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone:	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 4~~ 2 of 2
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site: SVEC Annex Interior NPE's	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
082824w-ANX F-10	12:05			Wipe			/		NPE Interior
082824w-ANX F-11	12:07			Wipe			/		NPE Interior
082824w-ANX F-12	12:10			Wipe			/		Outside Decon
082824w-ANX-N7		12:15		Wipe			/		
082824w-ANX-N9		4:30		Wipe			/		
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-29-24 11:45	Fulcrum		8/29/24 1145	EEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1b14 8.1/7.8 Lb/Ice/Other/ED

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74961-1
SDG Number: 200-74951-1

Login Number: 74961
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74961-1
SDG Number: 200-74951-1

Login Number: 74961
List Number: 2
Creator: Harp, Cordelia

List Source: Eurofins Seattle
List Creation: 09/03/24 01:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	IR 14 8.1/7.8 c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
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Sample collection date/times are provided.	True	
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Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix G

Signage

MONROE SCHOOL DISTRICT

PCB Notification



Sky Valley Education Center was originally constructed using materials containing polychlorinated biphenyls (PCBs). These included fluorescent light ballasts, caulk, and sealants. In some instances, these materials contained greater than 50 parts per million PCBs.

The Monroe School District has made efforts to address these legacy building materials, including the removal of the PCB-containing light ballasts and accessible caulking. Caulk remains around window units, door units, wall penetrations, adjacent support columns, and window infill systems. Remaining calk and the adjacent surfaces have been encapsulated beneath a gray or tan epoxy coating that you will see inside and outside the building. Please do not touch or otherwise disturb the caulking or epoxy coating.

If you see cuts, tears, flaking, or damage to the caulking or epoxy coating, please contact:
Karen Rosencrans, SVEC Director, at (360) 804-2709
Adam Denney, Monroe School District Director of Facilities, at (360) 804-2679

Appendix H

2024 Annual Wipe Sampling

Results Memorandum

Date	September 13, 2024
To	Adam Denney, Director of Facilities, Monroe School District
From	Tarell Manjarrez Fulcrum Environmental Consulting, Inc. Ryan K. Mathews, CIH, CHMM, Fulcrum Environmental Consulting, Inc.
Project	**Annual Wipe Sampling** Sky Valley Education Center 351 Short Columbia Street in Monroe, Washington
Findings	**No PCBs above the Interior or Exterior Criteria** **Two interior locations with detectable PCBs**

On August 30, 2024, Ryan Mathews and Tarell Manjarrez, both with Fulcrum Environmental Consulting, Inc. (Fulcrum), completed annual wipe sampling of from the epoxy coatings encapsulating polychlorinated biphenyl (PCB) caulk at the Sky Valley Education Center (SVEC) located at 351 Short Columbia Street in Monroe, Washington.

Work was completed as provided in the U.S. Environmental Protection Agency's August 2, 2024, Re: *Limited Approval of Polychlorinated Biphenyl Encapsulation and Sampling at Sky Valley Education Center, Monroe, WA, pursuant to 40 Code of Federal Regulations § 761.61(c) and 761.62(c). EPA ID: WAH000051422* (Limited RBDA Approval).

Sampling occurred following completion of all Summer 2024 work, including new epoxy coatings in many locations.

Sample Location Selection

As provided in the application, 12 interior wipe samples and 15 exterior wipe samples were collected. Fulcrum reviewed project drawings and identified about 75 interior components and about 105 exterior components with epoxy coatings. Based on the number of components in each of the buildings a proportional number of samples were assigned to each building. See Table 1 for the components in each building.

Table 1: Component and Sample Counts

Location	Interior		Exterior	
	Components	Wipe Samples	Components	Wipe Samples
Administration	13	2	22	3
Annex	15	3	23	3
Gymnasium	27	4	35	5
POD/Library	20	3	20	3
CTE/Technology	0	--	5	1
Total Components	**75**	**--**	**105**	**--**
Total Samples	**--**	**12**	**--**	**15**

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

During the annual wipe sampling, the epoxy surfaces associated with Annex E East, Annex E West, and Annex F were not accessible as they were located within NPE. No other locations of epoxy coatings were present inside the Annex building and the two wipe samples were reassigned one each to the Gymnasium and POD/Library buildings. Fulcrum's field notes associated with the sample selection are attached as Attachment A.

Random component selection and sample height on the component were used to select the specific wipe testing location. Where a duplicate sample was collected, the wipe was collected immediately adjacent to the original sample. See Attachment B for sample photographs. See Attachment C for Figures 1 and 2 for interior and exterior sampling locations.

Sampling Methodology

Samples were collected as specified in ASTM D6661-01 (2010) - Field Collection of Organic Compounds from Surfaces Using Wipe Sampling and as provide under 40 Code of Federal Regulation § 761.123 - *Standard Wipe Test* and 40 Code of Federal Regulation § 761.130 - *Sampling Requirements*.

Each wipe sample utilized one, single-use laboratory provided hexane solvent wipe in a 4-ounce borosilicate glass jar with a Teflon lined lid. A single-use 100-centimeter paper template (was secured with adhesive tape to the substrate. The sample was collected from the area of the substrate within the template. Single-use nitrile gloves were used for sample collection. Following sample collection, the hexane wipe was returned to the borosilicate glass jar and the jar was sealed. A unique sample number was written on each sample jar and the corresponding sample number recorded on the chain-of-custody.

Field duplicate samples were collected and labeled with the suffix N8, field blank samples were labeled with the suffix N7 and the laboratory blank sample with the suffix N9.

The samples were hand delivered on ice to Eurofins TestAmerica, Inc. (Eurofins) in Tacoma, Washington for chemical extraction using Method 3500B/3540C of SW-846 (Gas Chromatography) and analysis for Polychlorinated Biphenyls (PCBs) by Method 8082A of SW-846. Per the Limited RBDA Approval, the minimum laboratory reporting limit must be 1 µg/100 cm^2. Upon receipt, Eurofins assigned Job Number 200-74960-1 to the project samples. Samples were received at 16.1 degrees Celsius, and above the method defined limit of 6 degrees Celsius; however, the samples were delivered to the laboratory on the same day as sample collection and the elevated cooler temperature is not expected to impact sample results. Samples were refrigerated following receipt by Eurofins. See Attachment D for the laboratory report. Table 2 provides a summary of the wipe laboratory results and Table 3 provides a summary of the soil laboratory results.

Interior Wipe Sampling Locations and Results

Fulcrum collected 12 interior wipe samples from the following locations:

- Admin – 2 Samples
- Annex – 1 Sample
- POD/Library – 4 Samples
- Gymnasium – 5 Samples

Table 2: Results Summary – Interior Wipe Sample Locations

Sample No.	Type	PCBs (µg/100 cm²)
83024-GYM-INT-01	Wipe, Tan Epoxy	0.11
83024-GYM-INT-02	Wipe, Tan Epoxy	< 0.1
83024-GYM-INT-03	Wipe, Tan Epoxy	< 0.1
83024-GYM-INT-04	Wipe, Tan Epoxy	< 0.1
83024-POD-INT-05	Wipe, Tan Epoxy	< 0.1
83024-POD-INT-06	Wipe, Tan Epoxy	< 0.1
83024-POD-INT-07	Wipe, Tan Epoxy	< 0.1
83024-POD-INT-N8	Duplicate of sample 83024-POD-INT-07	< 0.1
83024-ADM-INT-08	Wipe, Tan Epoxy	< 0.1
83024-ADM-INT-N8	Duplicate of sample 83024-ADM-INT-08	< 0.1
83024-ADM-INT-09	Wipe, Tan Epoxy	< 0.1
83024-ANX-INT-10	Wipe, Tan Epoxy	0.26
83024-GYM-INT-11	Wipe, Tan Epoxy	< 0.1
83024-POD-INT-12	Wipe, Tan Epoxy	< 0.1
082824W-N7	Field Blank	< 0.1
082824W-N9	Lab Blank	< 0.1
Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm² micrograms per 100 square centimeters

Samples 83024-GYM-INT-01 and 83024-ANX-INT-10 were identified contain PCB concentrations above the method detection limit (MDL) but below the clearance criteria of 10 micrograms per 100 centimeter area (µg/100 cm²).

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Exterior Wipe Sampling Locations and Results

Fulcrum calculated that 15 interior samples should be collected based on the number of unique elements. Samples were collected in the following locations:

- Admin – 3 Samples
- Annex – 3 Samples
- POD/Library – 3 Samples
- Gymnasium – 5 Samples
- Technology – 1 Sample

Table 3: Results Summary – Exterior Wipe Sample Locations

Sample No.	Type	PCBs (µg/100 cm^2)
83024-GYM-EXT-01	Wipe, New Gray Epoxy	< 0.1
83024-GYM-EXT-N8	Duplicate of 83024-GYM-EXT-01	< 0.1
83024-GYM-EXT-02	Wipe, New Gray Epoxy	< 0.1
83024-GYM-EXT-03	Wipe, New Gray Epoxy	< 0.1
83024-GYM-EXT-04	Wipe, New Gray Epoxy	< 0.1
83024-GYM-EXT-05	Wipe, Tan Epoxy	< 0.1
83024-POD-EXT-06	Wipe, New Gray Epoxy	< 0.1
83024-POD-EXT-07	Wipe, New Gray Epoxy	< 0.1
83024-POD-EXT-08	Wipe, New Gray Epoxy	< 0.1
83024-ADM-EXT-09	Wipe, New Gray Epoxy	< 0.1
83024-ADM-EXT-10	Wipe, New Gray Epoxy	< 0.1
83024-ADM-EXT-11	Wipe, New Gray Epoxy	< 0.1
83024-ANX-EXT-12	Wipe, New Gray Epoxy	< 0.1
83024-ANX-EXT-13	Wipe, New Gray Epoxy	< 0.1
83024-ANX-EXT-14	Wipe, New Gray Epoxy	< 0.1
83024-CTE-EXT-15	Wipe, Tan Epoxy	< 0.1
83024-CTE-EXT-N8	Duplicate of 83024-CTE-EXT-15	< 0.1
082824W-N7	Field Blank	< 0.1
082824W-N9	Lab Blank	< 0.1
Clearance Criteria		**10.0**

Any exceedances of the clearance criteria are shown in **Bold**
µg/100 cm^2 micrograms per 100 square centimeters

No PCBs were found in any of the exterior wipe samples, including samples collected from both tan and gray epoxy coatings.

The annual wipe sampling has not found any areas with PCBs which require action.

If you have any questions, please contact me directly at ryan.mathews@efulcrum.net or 509.728.2424.

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August 2024 RL

	Unique Elements		% of Unique Elements				Number of Wipe Samples		
	Interior	Exterior			12	15	Interior	Exterior	
Gymnasium Building	27	35	36%	33%	4.32	5	+1 4 ✓	5 ✓	+ Duplicate
POD/Library	20	20	27%	19%	3.2	2.857143	+1 3 ✓ Dup	3 ✓	
Admin Building	13	22	17%	21%	2.08	3.142857	✓2 Dup	3 ✓	
Annex	15	23	20%	22%	2.4	3.285714	3 ✓	3	
CTE/Technology	0	5	0%	5%	0	0.714286	0	1 — Dup	
Total of Elements	75	105			12	15	12	15	

2024 Annual Wipe Sampling of Interior and Exterior Components

Random Number

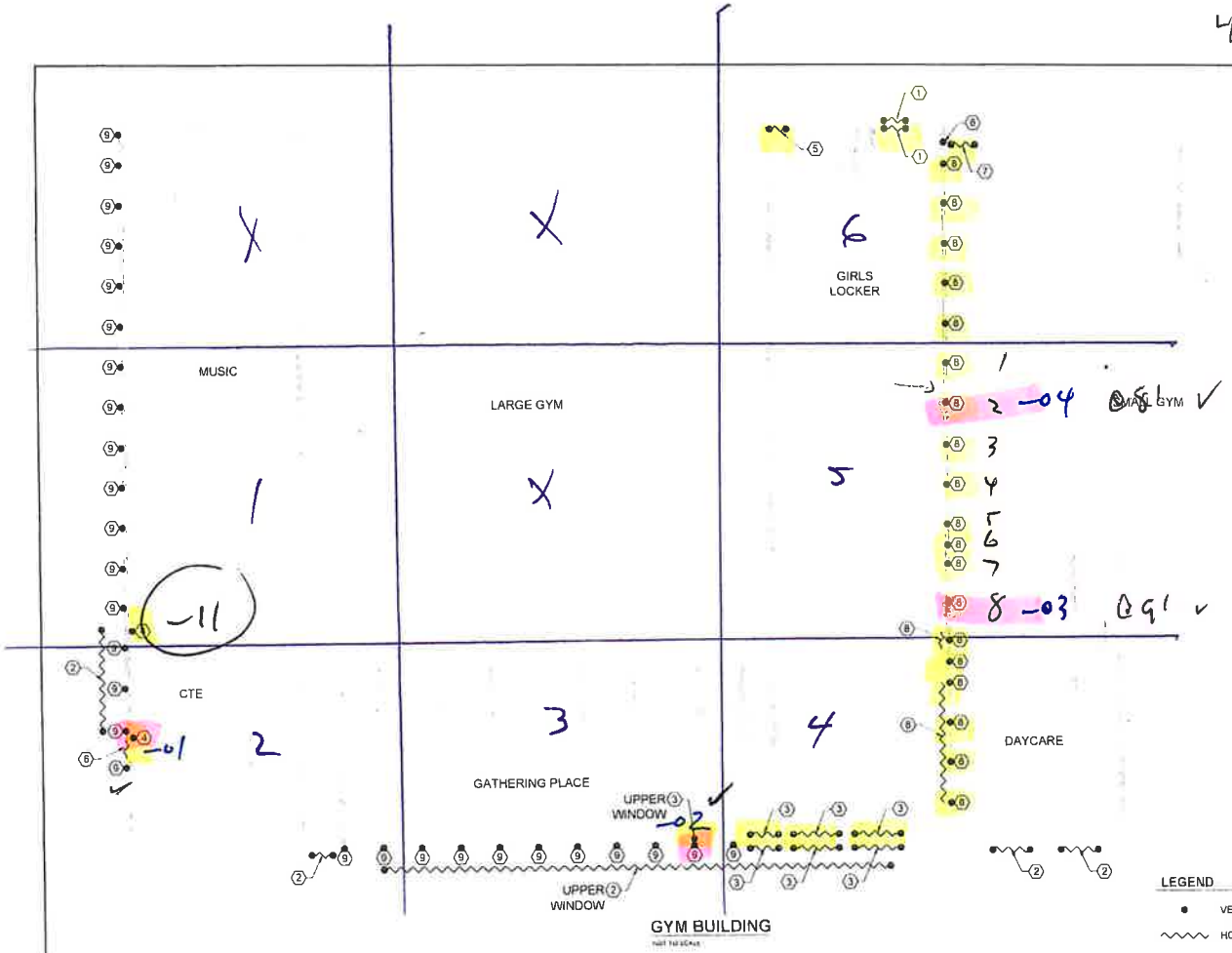
8/29/2024

Interior Spaces	Gymnasium (1,6)	POD/Library (1,6)	Admin Building (1,6)	Annex (1,15)	CTE/Tech (0,0)
		2	2	2	1
		3	4	6	10
		5	5	4	9
		5	4	2	12
		1	3	1	15
		4	2	4	5
		2	2	6	5

Exterior Spaces	Gymnasium (1,6)	POD/Library (1,6)	Admin Building (1,6)	Annex (1,15)	CTE/Tech (0,0)	
		1	6	3	5	1
		3	2	6	4	2
		3	3	1	2	4
		5	4	4	4	1
		6	2	6	1	1
		1	4	2	2	5
		3	6	2	3	2
		5	5	4	2	1

8324 – GYM – 3 INT – Off

4 Exterior Graphics August 2024



LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUNS



②⑨PHOTO DETAIL



⑧PHOTO DETAIL



⑧PHOTO DETAIL

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

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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

PBS Engineering + Environmental
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MONROE SCHOOL DISTRICT

GYM BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

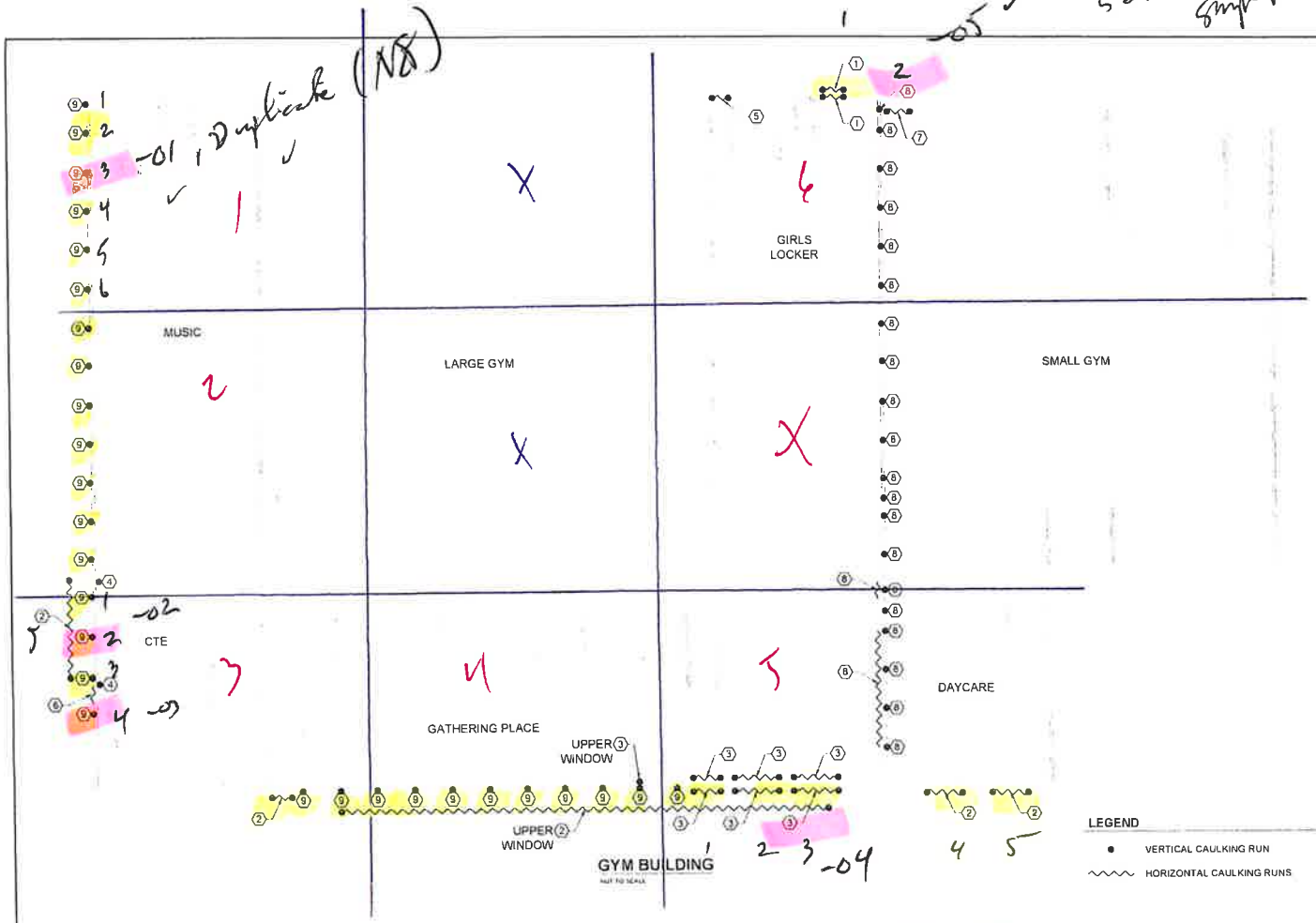
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT #1373.000
DRAWN JHO
CHECKED QM
DATE JUNE 2019
DWG NO. HM1
SHEET NO. 1 OF 5

INTERIOR
~~26~~ 27 UNIQUE ELEMENTS

August 2024

Exterior simplex



LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUNS



②⑨PHOTO DETAIL



⑧PHOTO DETAIL



⑧PHOTO DETAIL

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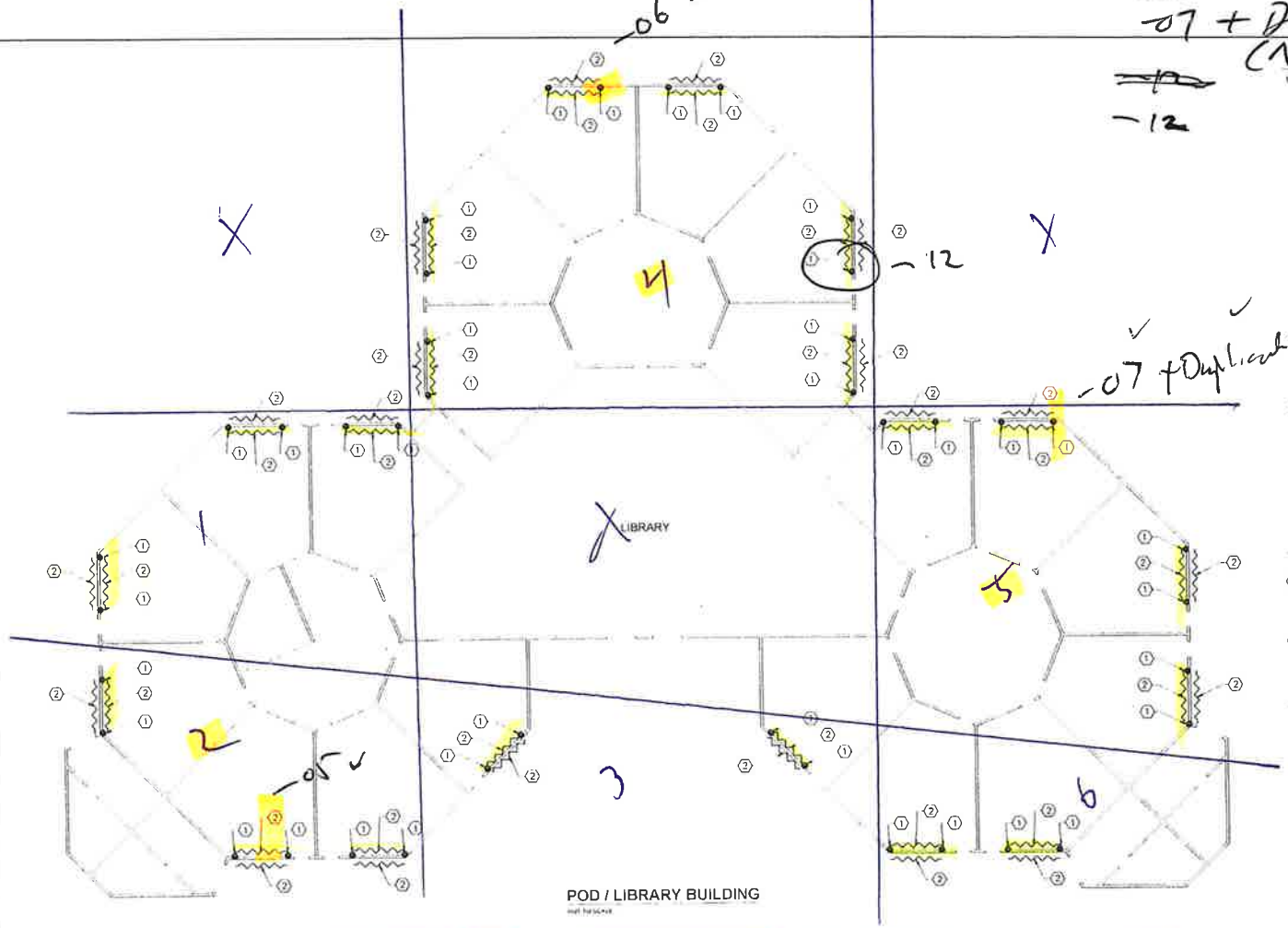
SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT	61373.000
DRAWN	JHO
CHECKED	GM
DATE	JUNE 2016
DWG NO	HM1
SHEET NO	1 OF 5

1, 2, 3, 56

EXTERIOR
35 UNIQUE ELEMENTS



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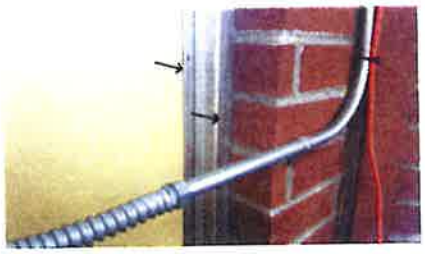
KEY NOTES

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

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

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN



①PHOTO DETAIL



②PHOTO DETAIL



②PHOTO DETAIL

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MONROE SCHOOL DISTRICT

POD/LIBRBAY BUILDING CAULKING ABATEMENT PLAN

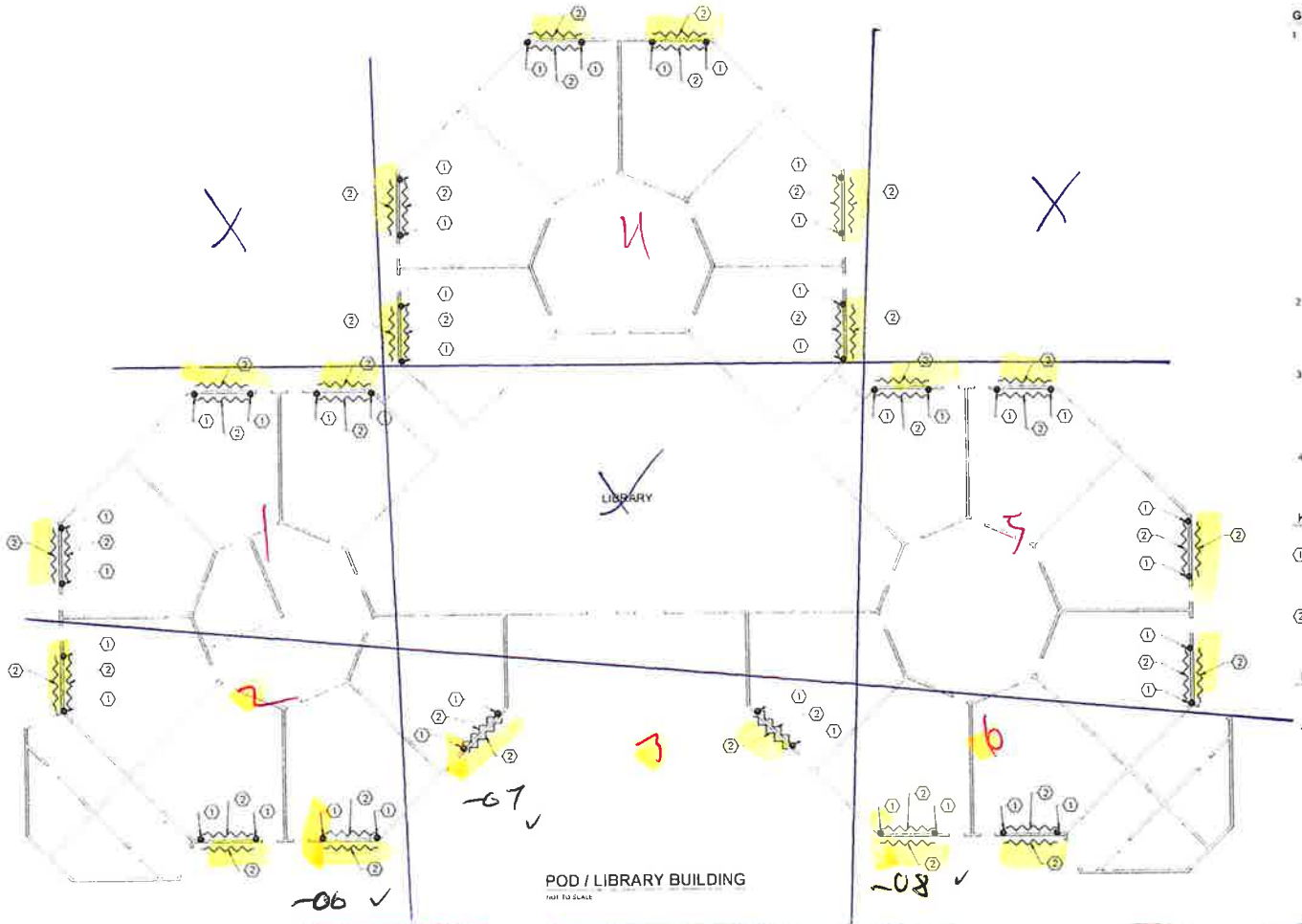
SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT	413723000
DRAWN	JHO
CHECKED	CAH
DATE	JUNE 2024
DRAWING	HM2
SHEET NO	2 OF 5

3 east

August 2024



GENERAL NOTES

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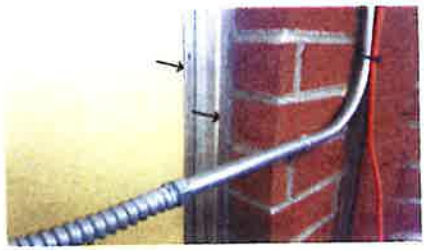
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LEGEND

- ● VERTICAL CAULKING RUN
- ~~~ HORIZONTAL CAULKING RUN



①PHOTO DETAIL



②PHOTO DETAIL



②PHOTO DETAIL

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MONROE SCHOOL DISTRICT

POD/LIBRBAY BUILDING CAULKING ABATEMENT PLAN

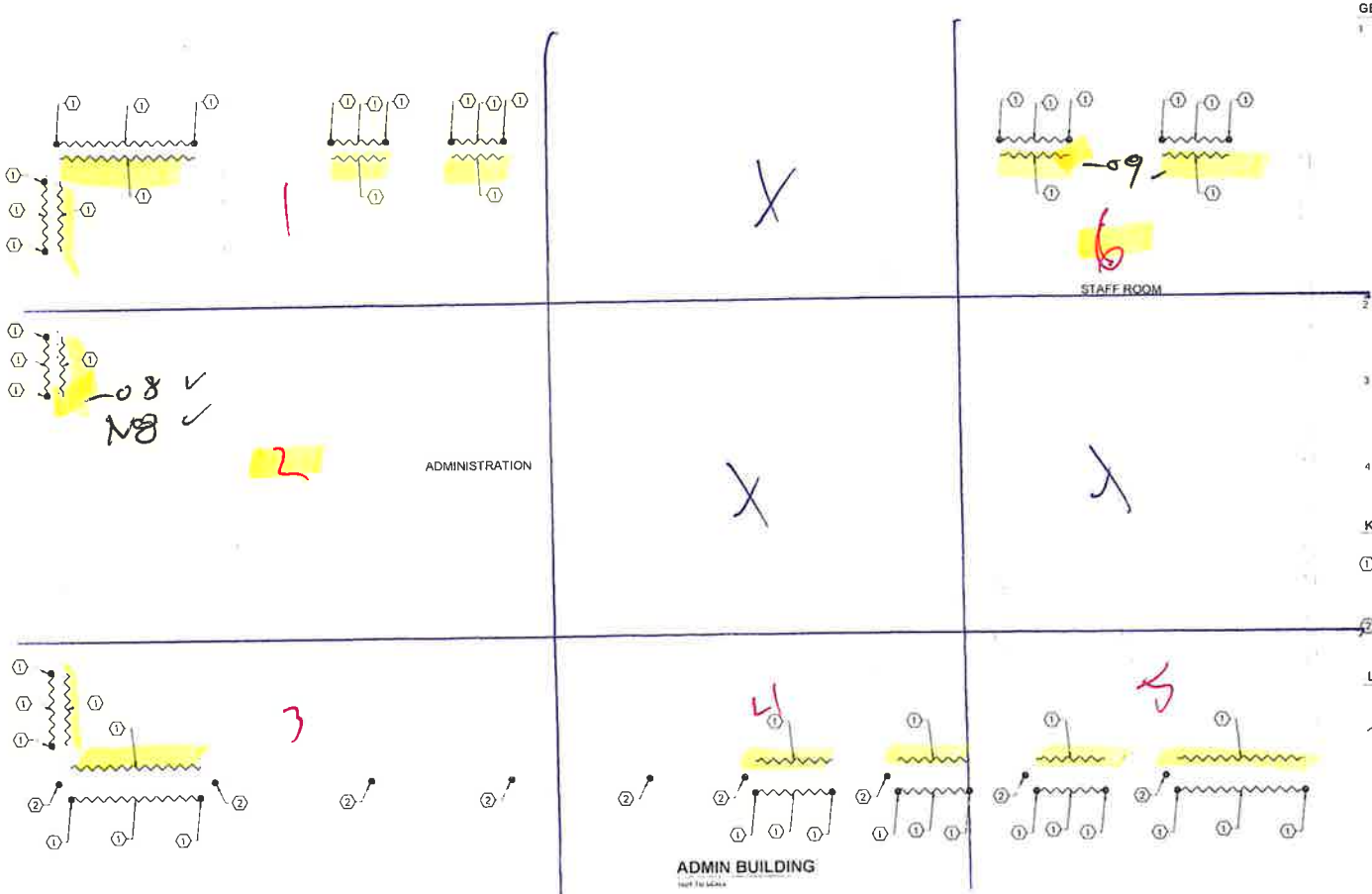
SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT	41373.000
DRAWN	JHD
CHECKED	GM
DATE	JUNE 2019
DRAWING	HM2
SHEET NO	2 OF 5

Exterior
20 bathroom floors

August 2024



GENERAL NOTES

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

(1) REMOVE APPROX 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

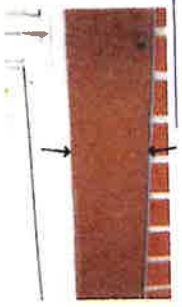
(2) REMOVE APPROX 175 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL BEAM TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN



①PHOTO DETAIL



②PHOTO DETAIL

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ADMIN BUILDING CAULKING ABATEMENT PLAN

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MONROE, WASHINGTON

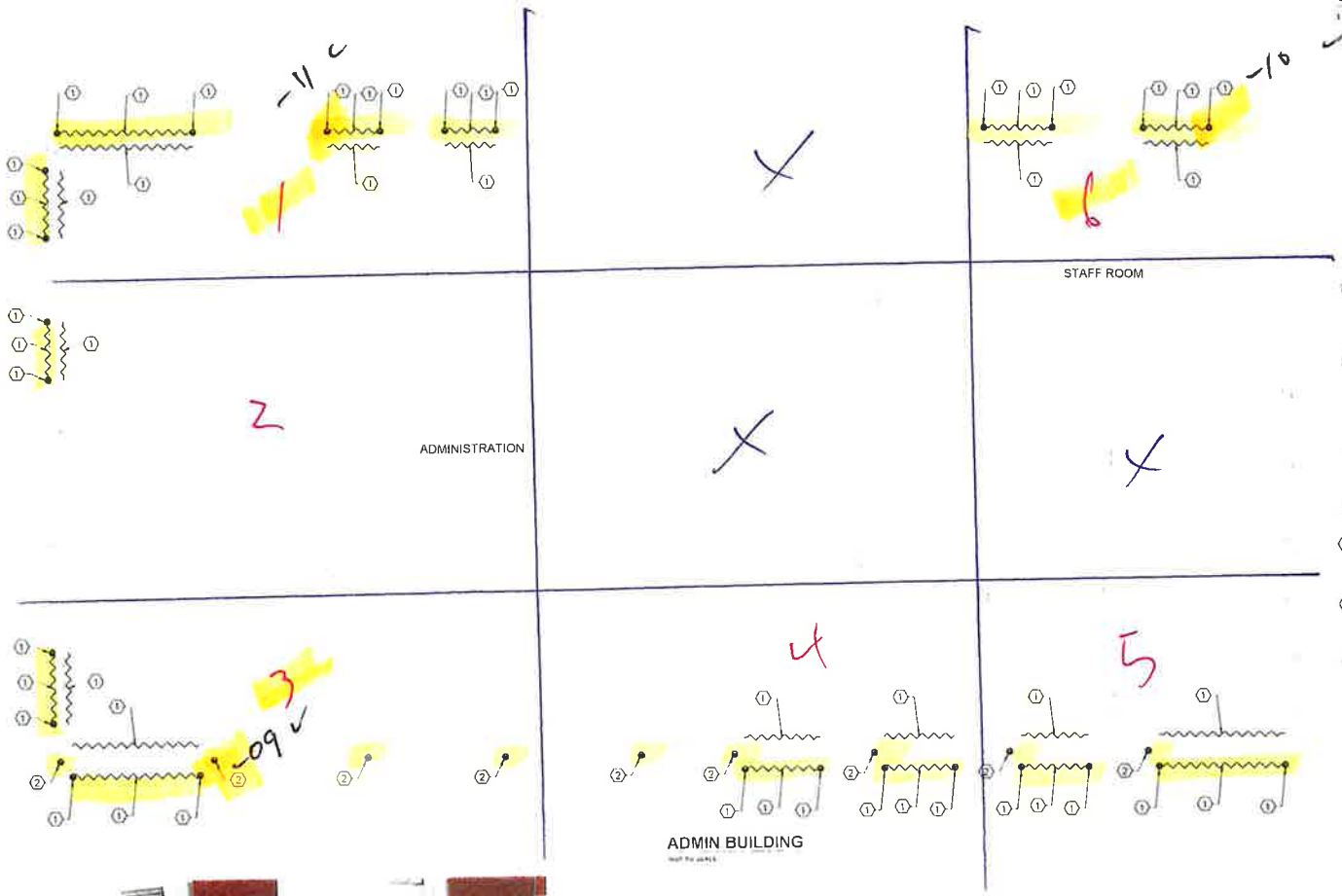
PROJECT 41378.000
DRAWN JHD
CHECKED GM
DATE JUNE 2024

SHEET NO. HM3
3 OF 5

13 unique labels

3 samples

August 2022



GENERAL NOTES

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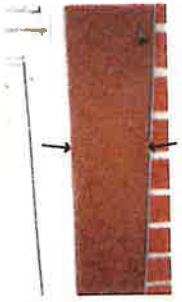
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LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN



(1) PHOTO DETAIL



(2) PHOTO DETAIL

NOT TO SCALE

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MONROE SCHOOL DISTRICT

ADMIN BUILDING CAULKING ABATEMENT PLAN

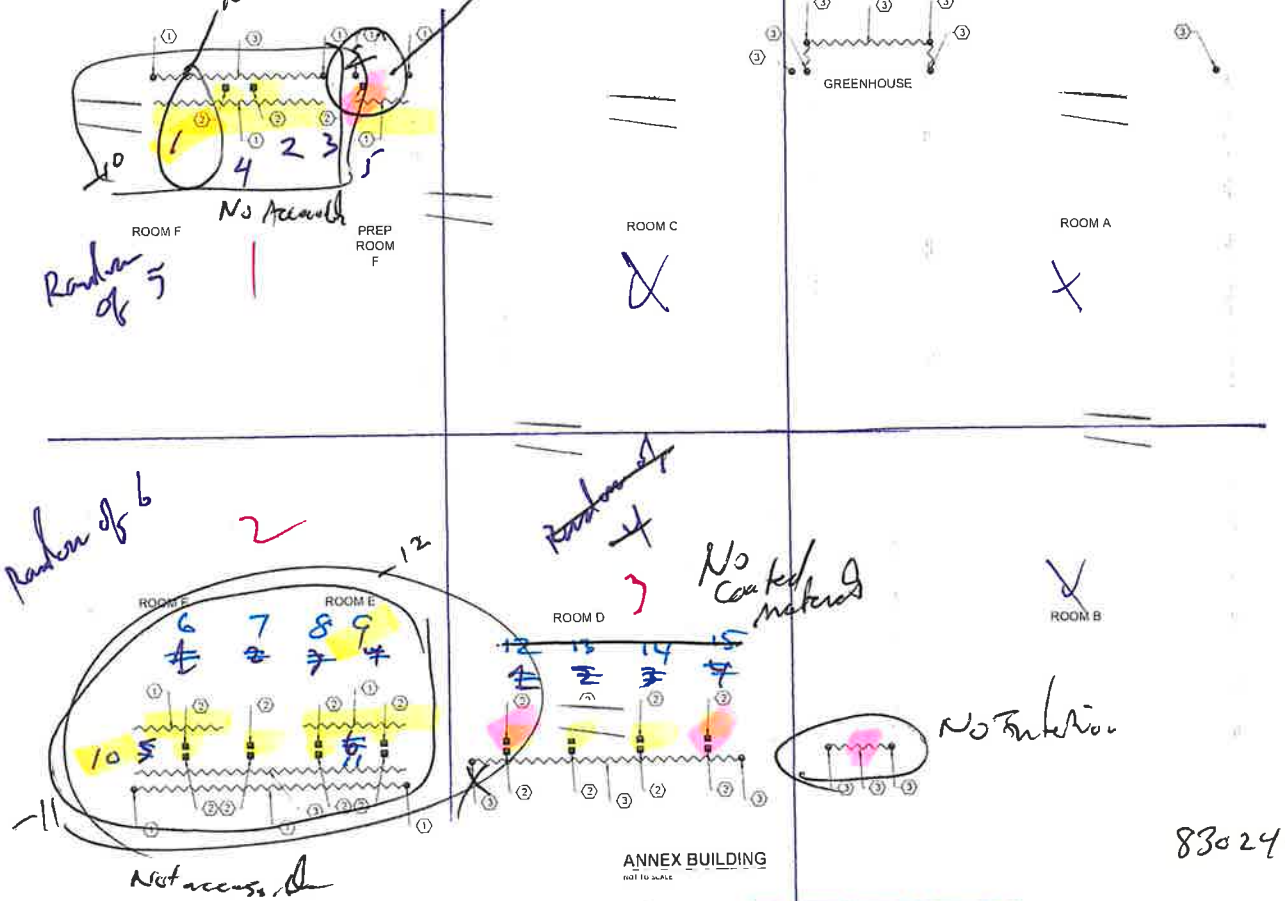
SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT	41373.000
DRAWN	JHQ
CHECKED	GM
DATE	JUNE 2019
DRAWING	SHEET NO.
HM3	3 OF 5

Exterior

22 unique elements



GENERAL NOTES

1 ALL ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE RE-ENCAPSULATED. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS

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KEY NOTES

① ENCAPSULATE APPROX. 200 LF OF 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 ENCAPSULATE APPROX. 80 LF ON WOOD CEILING/SOFFIT BEAMS AT PERIMETER WALL/CEILING TRANSITIONS IN ROOMS E, F AND PREP ROOM F AS SHOWN

③ ENCAPSULATE APPROX. 300 LF OF LOCATED ON VARIOUS VERTICAL AND HORIZONTAL METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH ELEVATIONS OF THE ANNEX BUILDING AS SHOWN

LEGEND

- VERTICAL RUN
- ON BEAM
- HORIZONTAL RUN

ANNEX BUILDING
NOT TO SCALE



①②③PHOTO DETAIL



②PHOTO DETAIL



①③PHOTO DETAIL

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Bellingham, WA 98226
360.733.8309
pbsusa.com

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ANNEX BUILDING - RE-ENCAPSULATION PLAN

SKY VALLEY EDUCATIONAL CENTER

351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

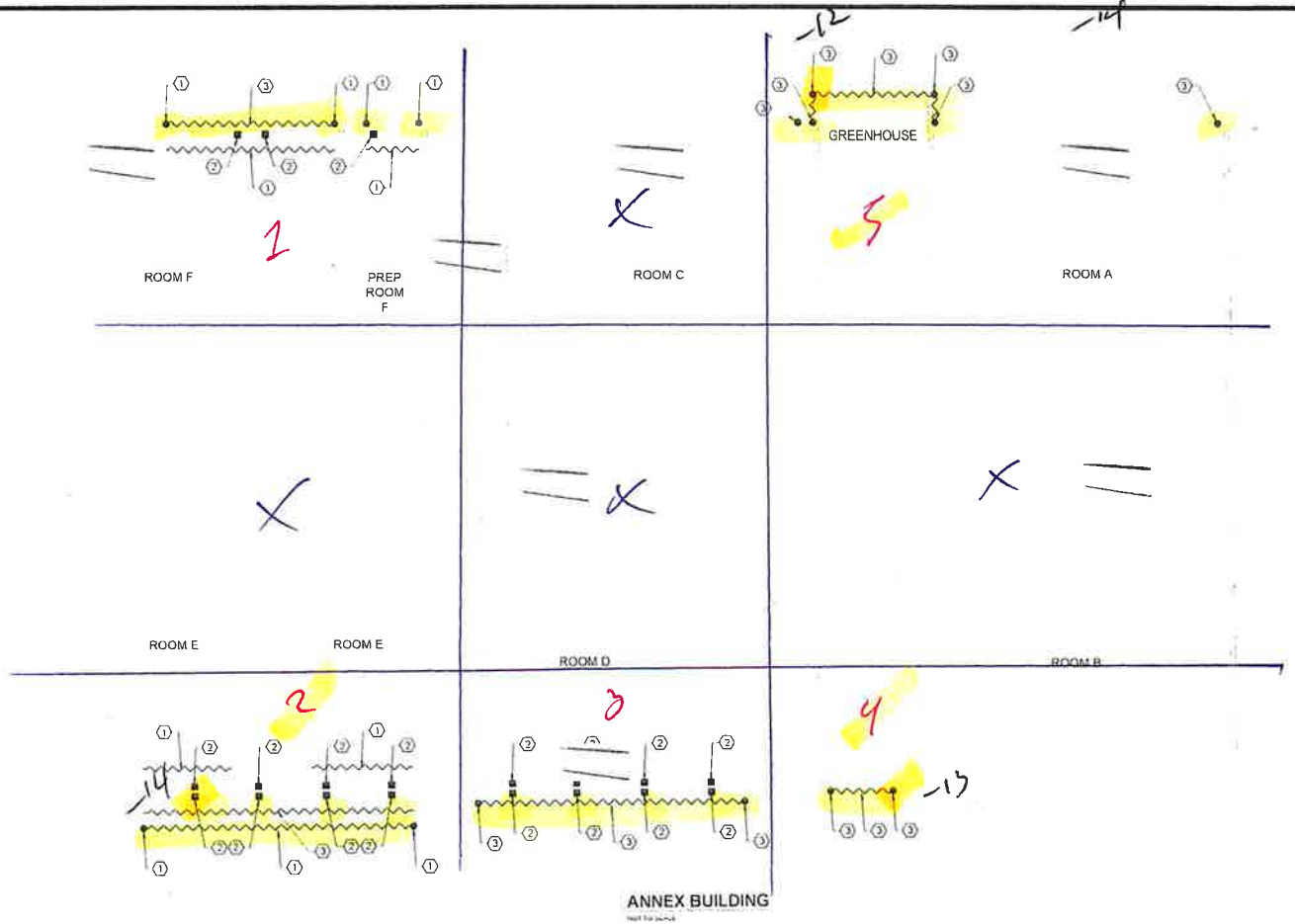
NO	REVISION	DATE	BY	APPD

DRAWN BY: KJB
CHECKED: GM
DATE: MARCH 2020
PROJECT NUMBER: 1373.000
SHEET DRAWING NO: HM4
SHEET 4 OF 5

FULL SIZE SHEET FORMAT IS 22X34. IF PRINTED SIZE IS NOT 22X34 THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE

August 2024

-12
-13
-14



GENERAL NOTES

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LEGEND

- VERTICAL RUN
- ON BEAM
- HORIZONTAL RUN



①②③ PHOTO DETAIL



② PHOTO DETAIL



①③ PHOTO DETAIL

8/2024 - ANX - EXT - 12
- 13
- 14

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360 733 9081
pbsusa.com

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ANNEX BUILDING - RE-ENCAPSULATION PLAN

SKY VALLEY EDUCATIONAL CENTER

351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY: MB
CHECKED: CAF
DATE: MARCH 2024
PROJECT NUMBER: 41373.000
SHEET DRAWING NO.: HM4
SHEET 4 OF 5

FULL SIZE SHEET FORMAT IS 22X34 IF PRINTED SIZE IS NOT 22X34 THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE

Expedition
23 Unique Elements

ROOM 23

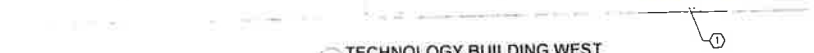
WOODSHOP

ART

TECHNOLOGY BUILDING



TECHNOLOGY BUILDING EAST



TECHNOLOGY BUILDING WEST



① PHOTO DETAIL



① PHOTO DETAIL

GENERAL NOTES

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KEY NOTES

① ENCAPSULATE APPROX 60 LF LOCATED ON EXTERIOR LOUVERS VENTS AND DUCTING ON METAL TRANSITIONS ON THE WEST AND EAST EXTERIOR ELEVATIONS OF THE TECHNOLOGY BUILDING AS SHOWN

PBS

TECHNOLOGY BUILDING - RE-ENCAPSULATION PLAN

SKY VALLEY EDUCATIONAL CENTER

351 SHORT COLUMBIA STREET, MONROE, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY KJR

CHECKED GM

DATE MARCH 2020

PROJECT NUMBER 41373.000

SHEET DRAWING NO HM5

SHEET 1 OF 5

*FULL SIZE SHEET FORMAT IS 22X34 IF PRINTED SIZE IS NOT 22X34 THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE

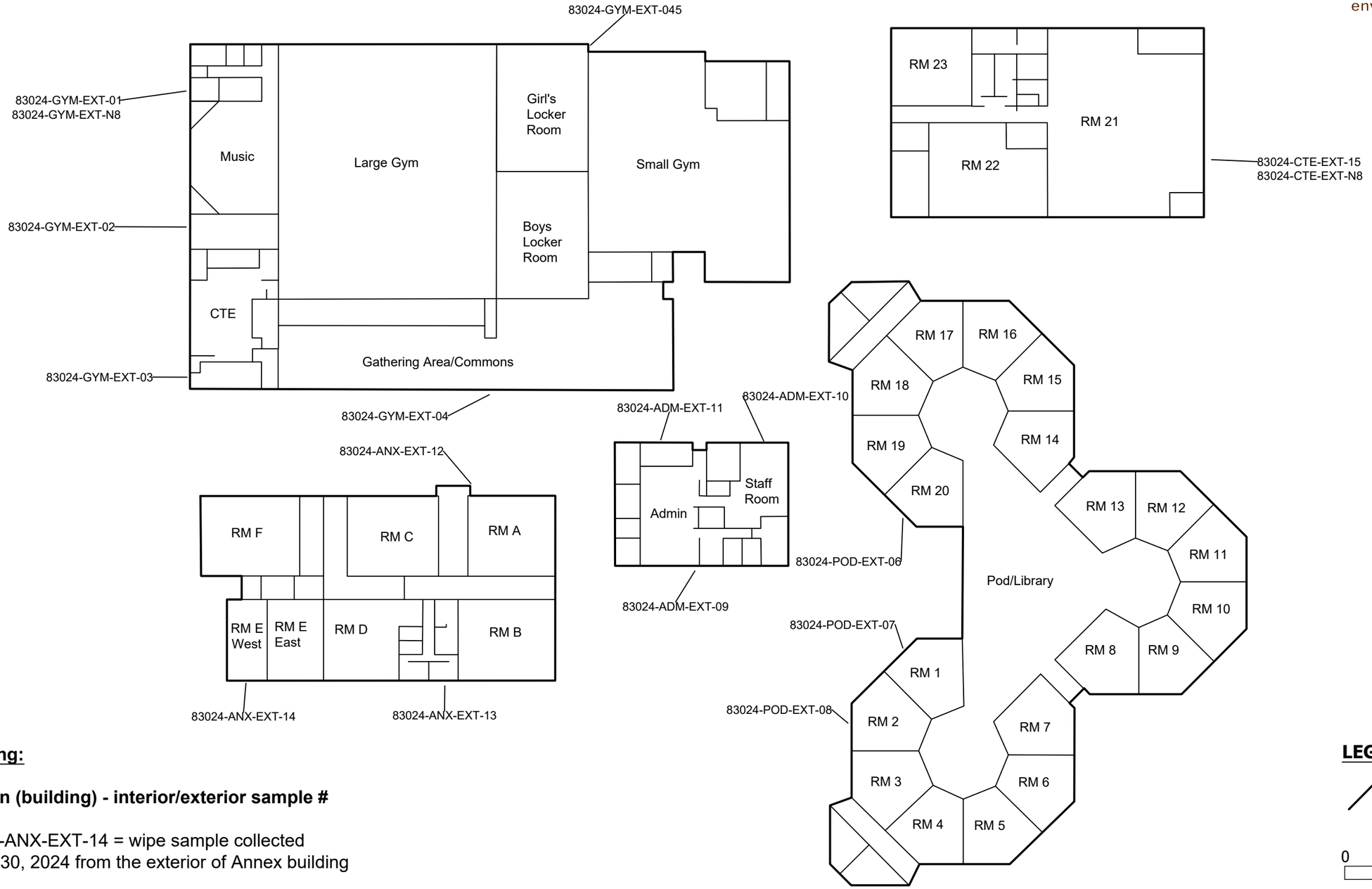


Sample Coding:

Date - location (building) - interior/exterior sample #

ex. 083024-ANX-EXT-14 = wipe sample collected August 30, 2024 from the exterior of Annex building

All collected samples were wipe samples.



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ex. 083024-ANX-EXT-14 = wipe sample collected August 30, 2024 from the exterior of Annex building

All collected samples were wipe samples.

Fulcrum Environmental Consulting, Inc.
406 North Second Street, Yakima, Washington 98901
efulcrum.net. p: 509.574.0839 f: 509.575.8453
Annual Wipe Sampling. 244064.02. 9.13.24 TM.

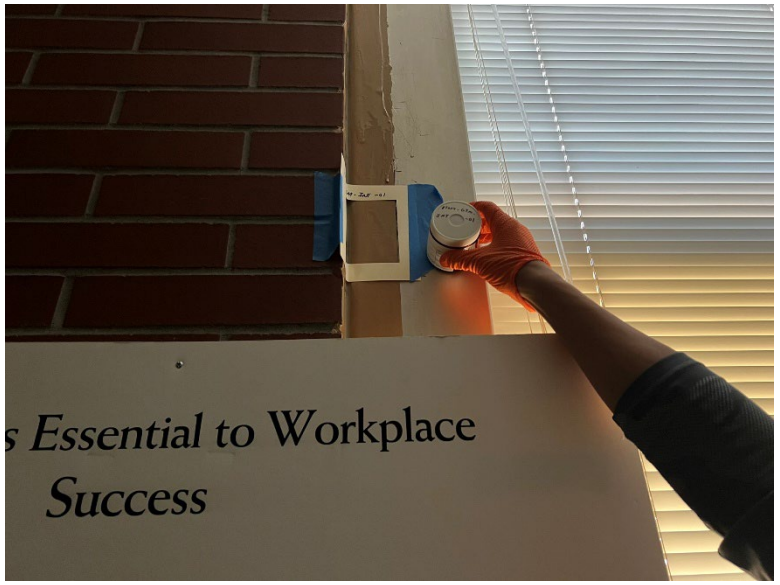
Sky Valley Education Center
351 Short Columbia Street
Monroe, Washington

Annual Wipe Sampling -
Exterior Sampling Locations

FIGURE
2



On August 30, 2024, Fulcrum completed annual wipe sampling at Sky Valley Education Center.



Sample 83024-GYM-INT-01 was collected from the interior tan epoxy surface in the CTE room.



Sample 83024-GYM-INT-02 was collected from the interior tan epoxy surface above the south entrance.



Sample 83024-GYM-INT-03 was collected from the interior tan epoxy surface in the Small Gymnasium.



Sample 83024-GYM-INT-04 was collected from the interior tan epoxy surface in the Small Gymnasium.



Sample 83024-POD-INT-05 was collected from the interior tan epoxy surface in the POD classroom 18.



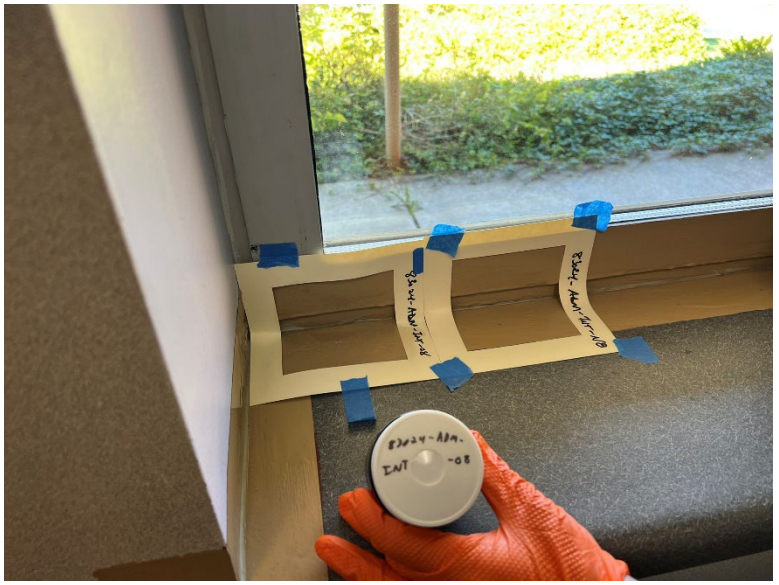
Sample 83024-POD-INT-06 was collected from the interior tan epoxy surface in the POD classroom 11.



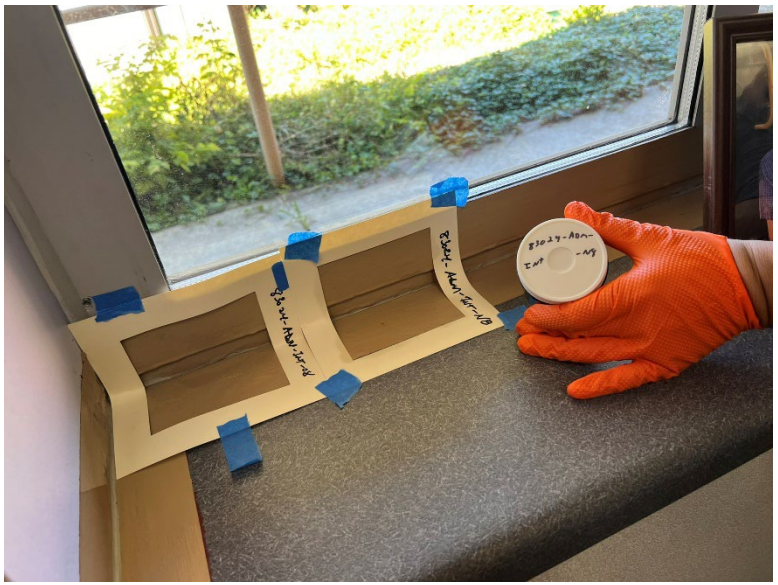
Sample 83024-POD-INT-07 was collected from the interior tan epoxy surface in the POD classroom 6.



Sample 83024-POD-INT-N8 was collected as a duplicate of sample 83024-POD-INT-07.



Sample 83024-ADM-INT-08 was collected from the interior tan epoxy surface in the west office.



Sample 83024-ADM-INT-N8 was collected as a duplicate of sample 83024-ADM-INT-08.



Sample 83024-ADM-INT-09 was collected from the interior tan epoxy surface in the Staff Room.



Sample 83024-ANX-INT-10 was collected from the interior tan epoxy surface in Room F Prep.



Sample 83024-GYM-INT-11 was collected from the interior tan epoxy surface in the CTE room.



Sample 83024-POD-INT-12 was collected from the interior tan epoxy surface in POD classroom 9.



Sample 83024-GYM-EXT-01 was collected from the exterior new gray epoxy on the west side of the Gymnasium building.



Sample 83024-GYM-EXT-N8 was collected as a duplicate sample of 83024-GYM-EXT-01.



Sample 83024-GYM-EXT-02 was collected from the exterior new gray epoxy on the west side of the Gymnasium building.



Sample 83024-GYM-EXT-03 was collected from the exterior new gray epoxy on the west side of the Gymnasium building.



Sample 83024-GYM-EXT-04 was collected from the exterior new gray epoxy on the south side of the Gymnasium building.



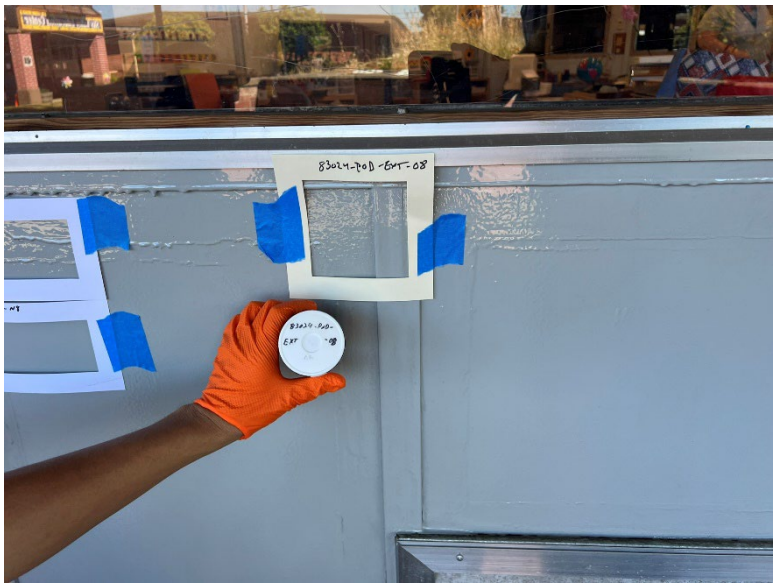
Sample 83024-GYM-EXT-05 was collected from the exterior tan epoxy on the north side of the Gymnasium building.



Sample 83024-POD-EXT-06 was collected from the exterior new gray epoxy on POD classroom 19.



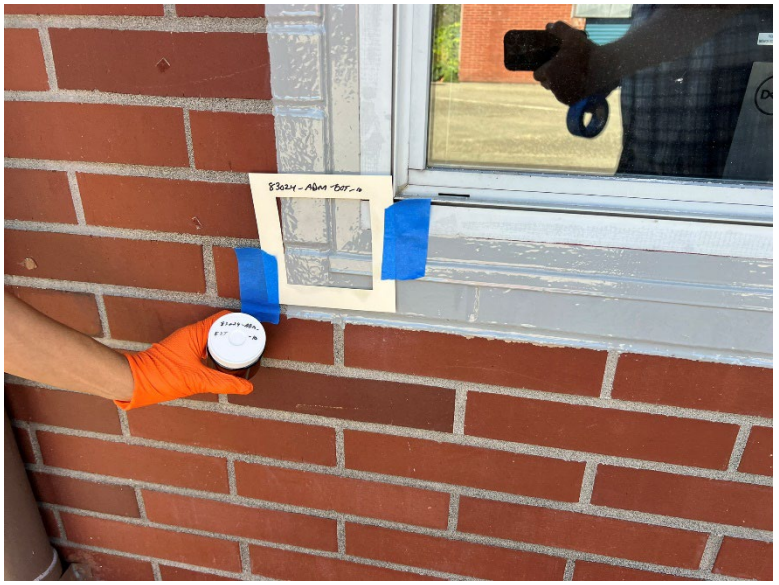
Sample 83024-POD-EXT-07 was collected from the exterior new gray epoxy on POD classroom 20.



Sample 83024-POD-EXT-08 was collected from the exterior new gray epoxy on POD classroom 2.



Sample 83024-ADM-EXT-09 was collected from the exterior new gray epoxy on the south side of the Admin Building.



Sample 83024-ADM-EXT-10 was collected from the exterior new gray epoxy on the north side of the Admin Building.



Sample 83024-ADM-EXT-11 was collected from the exterior new gray epoxy on the North side of the Admin Building.



Sample 83024-ANX-EXT-12 was collected from the exterior new gray epoxy on the north side of the Annex.



Sample 83024-ANX-EXT-13 was collected from the exterior new gray epoxy on the south side of the Annex.



Sample 83024-ANX-EXT-14 was collected from the exterior new gray epoxy on the south side of the Annex.



Sample 83024-CTE-EXT-15 was collected from the exterior tan epoxy on the east side of the Technology Building.



Sample 83024-CTE-EXT-N8 was collected as a duplicate of sample 83024-CTE-EXT-15.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Tarell Manjarrez
Fulcrum Environmental Consulting Inc
406 North 2nd Street
Yakima, Washington 98901

Generated 9/9/2024 8:47:13 PM

JOB DESCRIPTION

SVEC Project
200-74959-1

JOB NUMBER

200-74959-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 9
Surrogate Summary 20
QC Sample Results 22
QC Association Summary 25
Lab Chronicle 27
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Definitions/Glossary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-74959-1 — Eurofins Burlington

Job Narrative
200-74959-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/30/2024 3:55 PM. Unless otherwise noted below, the samples arrived in good condition and on ice. The temperature of the cooler at receipt time was 15.8°C, above the method defined limit if 6.0º

PCBs
Method 8082A: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Client sample contained gauze pads preserved in Hexane. SOP was followed and the preservative hexane was treated as sample, not providing towards the final volume.

Method 8082A: The surrogate recovery for the CCB associated with analytical batch 580-470712 was outside the upper control limits.

Method 8082A: The following samples required TBA clean-up, via EPA Method 3660B, to reduce matrix interferences TBA_00050: 83024-N9 (200-74959-33), (LCS 580-470307/2-A), (LCSD 580-470307/3-A) and (MB 580-470307/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-GYM-INT-01 — Lab Sample ID: 200-74959-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.11		0.10	0.10	ug/Wipe	1		8082A	Total/NA

Client Sample ID: 83024-GYM-INT-02 — Lab Sample ID: 200-74959-2

No Detections.

Client Sample ID: 83024-GYM-INT-03 — Lab Sample ID: 200-74959-3

No Detections.

Client Sample ID: 83024-GYM-INT-04 — Lab Sample ID: 200-74959-4

No Detections.

Client Sample ID: 83024-GYM-EXT-01 — Lab Sample ID: 200-74959-5

No Detections.

Client Sample ID: 83024-GYM-EXT-N8 — Lab Sample ID: 200-74959-6

No Detections.

Client Sample ID: 83024-GYM-EXT-02 — Lab Sample ID: 200-74959-7

No Detections.

Client Sample ID: 83024-GYM-EXT-03 — Lab Sample ID: 200-74959-8

No Detections.

Client Sample ID: 83024-GYM-EXT-04 — Lab Sample ID: 200-74959-9

No Detections.

Client Sample ID: 83024-GYM-EXT-05 — Lab Sample ID: 200-74959-10

No Detections.

Client Sample ID: 83024-POD-INT-05 — Lab Sample ID: 200-74959-11

No Detections.

Client Sample ID: 83024-POD-INT-06 — Lab Sample ID: 200-74959-12

No Detections.

Client Sample ID: 83024-POD-INT-07 — Lab Sample ID: 200-74959-13

No Detections.

Client Sample ID: 83024-POD-INT-N8 — Lab Sample ID: 200-74959-14

No Detections.

Client Sample ID: 83024-POD-EXT-06 — Lab Sample ID: 200-74959-15

No Detections.

Client Sample ID: 83024-POD-EXT-07 — Lab Sample ID: 200-74959-16

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-POD-EXT-08 — Lab Sample ID: 200-74959-17

No Detections.

Client Sample ID: 83024-ADM-INT-08 — Lab Sample ID: 200-74959-18

No Detections.

Client Sample ID: 83024-ADM-INT-N8 — Lab Sample ID: 200-74959-19

No Detections.

Client Sample ID: 83024-ADM-INT-09 — Lab Sample ID: 200-74959-20

No Detections.

Client Sample ID: 83024-ADM-EXT-09 — Lab Sample ID: 200-74959-21

No Detections.

Client Sample ID: 83024-ADM-EXT-10 — Lab Sample ID: 200-74959-22

No Detections.

Client Sample ID: 83024-ADM-EXT-11 — Lab Sample ID: 200-74959-23

No Detections.

Client Sample ID: 83024-N7 — Lab Sample ID: 200-74959-24

No Detections.

Client Sample ID: 83024-ANX-INT-10 — Lab Sample ID: 200-74959-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.26		0.10	0.10	ug/Wipe	1		8082A	Total/NA

Client Sample ID: 83024-GYM-INT-11 — Lab Sample ID: 200-74959-26

No Detections.

Client Sample ID: 83024-POD-INT-12 — Lab Sample ID: 200-74959-27

No Detections.

Client Sample ID: 83024-ANX-EXT-12 — Lab Sample ID: 200-74959-28

No Detections.

Client Sample ID: 83024-ANX-EXT-13 — Lab Sample ID: 200-74959-29

No Detections.

Client Sample ID: 83024-ANX-EXT-14 — Lab Sample ID: 200-74959-30

No Detections.

Client Sample ID: 83024-CTE-EXT-15 — Lab Sample ID: 200-74959-31

No Detections.

Client Sample ID: 83024-CTE-EXT-N8 — Lab Sample ID: 200-74959-32

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-N9 **Lab Sample ID: 200-74959-33**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 83024-GYM-INT-01

Lab Sample ID: 200-74959-1
Date Collected: 08/30/24 09:45
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1254	0.11		0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*60 - 120*	*09/04/24 16:53*	*09/08/24 15:53*	*1*
Tetrachloro-m-xylene	*68*		*60 - 120*	*09/04/24 16:53*	*09/08/24 15:53*	*1*

Client Sample ID: 83024-GYM-INT-02

Lab Sample ID: 200-74959-2
Date Collected: 08/30/24 09:53
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*60 - 120*	*09/04/24 16:53*	*09/08/24 17:56*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:53*	*09/08/24 17:56*	*1*

Client Sample ID: 83024-GYM-INT-03

Lab Sample ID: 200-74959-3
Date Collected: 08/30/24 10:01
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:14*	*1*
Tetrachloro-m-xylene	*68*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:14*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-GYM-INT-04

Lab Sample ID: 200-74959-4
Date Collected: 08/30/24 10:05
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:32*	*1*
Tetrachloro-m-xylene	*66*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:32*	*1*

Client Sample ID: 83024-GYM-EXT-01

Lab Sample ID: 200-74959-5
Date Collected: 08/30/24 10:23
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:49*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:53*	*09/08/24 18:49*	*1*

Client Sample ID: 83024-GYM-EXT-N8

Lab Sample ID: 200-74959-6
Date Collected: 08/30/24 10:24
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:07*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:07*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-GYM-EXT-02

Lab Sample ID: 200-74959-7
Date Collected: 08/30/24 10:35
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:25*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:25*	*1*

Client Sample ID: 83024-GYM-EXT-03

Lab Sample ID: 200-74959-8
Date Collected: 08/30/24 10:37
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:42*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:53*	*09/08/24 19:42*	*1*

Client Sample ID: 83024-GYM-EXT-04

Lab Sample ID: 200-74959-9
Date Collected: 08/30/24 10:48
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:00*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:00*	*1*

Client Sample ID: 83024-GYM-EXT-05

Lab Sample ID: 200-74959-10

Date Collected: 08/30/24 10:59

Matrix: Wipe

Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:18*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:18*	*1*

Client Sample ID: 83024-POD-INT-05

Lab Sample ID: 200-74959-11

Date Collected: 08/30/24 11:18

Matrix: Wipe

Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:35*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:35*	*1*

Client Sample ID: 83024-POD-INT-06

Lab Sample ID: 200-74959-12

Date Collected: 08/30/24 11:22

Matrix: Wipe

Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:53*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*09/04/24 16:53*	*09/08/24 20:53*	*1*

Client Sample ID: 83024-POD-INT-07

Lab Sample ID: 200-74959-13
Date Collected: 08/30/24 11:28
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:11*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:11*	*1*

Client Sample ID: 83024-POD-INT-N8

Lab Sample ID: 200-74959-14
Date Collected: 08/30/24 11:29
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:28*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:28*	*1*

Client Sample ID: 83024-POD-EXT-06

Lab Sample ID: 200-74959-15
Date Collected: 08/30/24 11:37
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:46*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*09/04/24 16:53*	*09/08/24 21:46*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-POD-EXT-07

Lab Sample ID: 200-74959-16
Date Collected: 08/30/24 11:41
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:04*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:04*	*1*

Client Sample ID: 83024-POD-EXT-08

Lab Sample ID: 200-74959-17
Date Collected: 08/30/24 11:43
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:21*	*1*
Tetrachloro-m-xylene	*73*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:21*	*1*

Client Sample ID: 83024-ADM-INT-08

Lab Sample ID: 200-74959-18
Date Collected: 08/30/24 11:53
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:39*	*1*
Tetrachloro-m-xylene	*72*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:39*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-ADM-INT-N8

Lab Sample ID: 200-74959-19
Date Collected: 08/30/24 11:54
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:57*	*1*
Tetrachloro-m-xylene	*69*		*60 - 120*	*09/04/24 16:53*	*09/08/24 22:57*	*1*

Client Sample ID: 83024-ADM-INT-09

Lab Sample ID: 200-74959-20
Date Collected: 08/30/24 11:57
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*60 - 120*	*09/04/24 16:53*	*09/08/24 23:14*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:53*	*09/08/24 23:14*	*1*

Client Sample ID: 83024-ADM-EXT-09

Lab Sample ID: 200-74959-21
Date Collected: 08/30/24 12:07
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:57*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:23*	*09/07/24 21:57*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-ADM-EXT-10

Lab Sample ID: 200-74959-22
Date Collected: 08/30/24 12:11
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:15*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:15*	*1*

Client Sample ID: 83024-ADM-EXT-11

Lab Sample ID: 200-74959-23
Date Collected: 08/30/24 12:13
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:33*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:33*	*1*

Client Sample ID: 83024-N7

Lab Sample ID: 200-74959-24
Date Collected: 08/30/24 12:20
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:50*	*1*
Tetrachloro-m-xylene	*62*		*60 - 120*	*09/04/24 16:23*	*09/07/24 22:50*	*1*

Client Sample ID: 83024-ANX-INT-10

Lab Sample ID: 200-74959-25
Date Collected: 08/30/24 12:34
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1254	**0.26**		0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:08*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:08*	*1*

Client Sample ID: 83024-GYM-INT-11

Lab Sample ID: 200-74959-26
Date Collected: 08/30/24 13:14
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:25*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:25*	*1*

Client Sample ID: 83024-POD-INT-12

Lab Sample ID: 200-74959-27
Date Collected: 08/30/24 13:08
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:43*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:23*	*09/07/24 23:43*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-ANX-EXT-12

Lab Sample ID: 200-74959-28
Date Collected: 08/30/24 12:43
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:01*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:01*	*1*

Client Sample ID: 83024-ANX-EXT-13

Lab Sample ID: 200-74959-29
Date Collected: 08/30/24 12:48
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:18*	*1*
Tetrachloro-m-xylene	*71*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:18*	*1*

Client Sample ID: 83024-ANX-EXT-14

Lab Sample ID: 200-74959-30
Date Collected: 08/30/24 12:50
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:36*	*1*
Tetrachloro-m-xylene	*65*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:36*	*1*

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-CTE-EXT-15

Lab Sample ID: 200-74959-31
Date Collected: 08/30/24 12:58
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:54*	*1*
Tetrachloro-m-xylene	*67*		*60 - 120*	*09/04/24 16:23*	*09/08/24 00:54*	*1*

Client Sample ID: 83024-CTE-EXT-N8

Lab Sample ID: 200-74959-32
Date Collected: 08/30/24 13:01
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/08/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*60 - 120*	*09/04/24 16:23*	*09/08/24 01:11*	*1*
Tetrachloro-m-xylene	*70*		*60 - 120*	*09/04/24 16:23*	*09/08/24 01:11*	*1*

Client Sample ID: 83024-N9

Lab Sample ID: 200-74959-33
Date Collected: 08/30/24 13:45
Matrix: Wipe
Date Received: 08/30/24 15:55

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*60 - 120*	*09/04/24 16:28*	*09/08/24 04:43*	*1*
Tetrachloro-m-xylene	*64*		*60 - 120*	*09/04/24 16:28*	*09/08/24 04:43*	*1*

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74959-1	83024-GYM-INT-01	74	68
200-74959-2	83024-GYM-INT-02	76	71
200-74959-3	83024-GYM-INT-03	72	68
200-74959-4	83024-GYM-INT-04	75	66
200-74959-5	83024-GYM-EXT-01	73	70
200-74959-6	83024-GYM-EXT-N8	73	71
200-74959-7	83024-GYM-EXT-02	75	70
200-74959-8	83024-GYM-EXT-03	79	70
200-74959-9	83024-GYM-EXT-04	80	72
200-74959-10	83024-GYM-EXT-05	80	70
200-74959-11	83024-POD-INT-05	75	70
200-74959-12	83024-POD-INT-06	78	69
200-74959-13	83024-POD-INT-07	71	71
200-74959-14	83024-POD-INT-N8	84	72
200-74959-15	83024-POD-EXT-06	75	69
200-74959-16	83024-POD-EXT-07	77	72
200-74959-17	83024-POD-EXT-08	83	73
200-74959-18	83024-ADM-INT-08	72	72
200-74959-19	83024-ADM-INT-N8	76	69
200-74959-20	83024-ADM-INT-09	69	71
200-74959-21	83024-ADM-EXT-09	66	65
200-74959-22	83024-ADM-EXT-10	69	65
200-74959-23	83024-ADM-EXT-11	61	65
200-74959-24	83024-N7	66	62
200-74959-25	83024-ANX-INT-10	68	64
200-74959-26	83024-GYM-INT-11	70	67
200-74959-27	83024-POD-INT-12	61	64
200-74959-28	83024-ANX-EXT-12	66	64
200-74959-29	83024-ANX-EXT-13	74	71
200-74959-30	83024-ANX-EXT-14	71	65
200-74959-31	83024-CTE-EXT-15	67	67
200-74959-32	83024-CTE-EXT-N8	68	70
LCS 580-470305/2-A	Lab Control Sample	93	87
LCS 580-470313/2-A	Lab Control Sample	110	94
LCSD 580-470305/3-A	Lab Control Sample Dup	100	92
LCSD 580-470313/3-A	Lab Control Sample Dup	111	94
MB 580-470305/1-A	Method Blank	94	87
MB 580-470313/1-A	Method Blank	109	94

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
200-74959-33	83024-N9	64	64

Surrogate Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
LCS 580-470307/2-A	Lab Control Sample	80	86

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX1
Lab Sample ID	Client Sample ID	(60-120)	(60-120)
LCSD 580-470307/3-A	Lab Control Sample Dup	81	87
MB 580-470307/1-A	Method Blank	80	85

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 580-470305/1-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:23	09/07/24 18:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*60 - 120*	*09/04/24 16:23*	*09/07/24 18:43*	*1*
Tetrachloro-m-xylene	*87*		*60 - 120*	*09/04/24 16:23*	*09/07/24 18:43*	*1*

Lab Sample ID: LCS 580-470305/2-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470305

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.905		ug/Wipe		91	60 - 120		
PCB-1260			1.00	0.875		ug/Wipe		87	60 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*60 - 120*
Tetrachloro-m-xylene	*87*		*60 - 120*

Lab Sample ID: LCSD 580-470305/3-A
Matrix: Wipe
Analysis Batch: 470669

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470305

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.943		ug/Wipe		94	60 - 120	4	10
PCB-1260			1.00	0.912		ug/Wipe		91	60 - 120	4	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*60 - 120*
Tetrachloro-m-xylene	*92*		*60 - 120*

Lab Sample ID: MB 580-470307/1-A
Matrix: Wipe
Analysis Batch: 470710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:28	09/08/24 03:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		60 - 120	09/04/24 16:28	09/08/24 03:50	1
Tetrachloro-m-xylene	85		60 - 120	09/04/24 16:28	09/08/24 03:50	1

Lab Sample ID: LCS 580-470307/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 470710 — **Prep Batch: 470307**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.839		ug/Wipe		84	60 - 120		
PCB-1260			1.00	0.782		ug/Wipe		78	60 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	80		60 - 120
Tetrachloro-m-xylene	86		60 - 120

Lab Sample ID: LCSD 580-470307/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 470710 — **Prep Batch: 470307**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.866		ug/Wipe		87	60 - 120	3	10
PCB-1260			1.00	0.820		ug/Wipe		82	60 - 120	5	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	81		60 - 120
Tetrachloro-m-xylene	87		60 - 120

Lab Sample ID: MB 580-470313/1-A — **Client Sample ID: Method Blank**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 470691 — **Prep Batch: 470313**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1221	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1232	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1242	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1248	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1254	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1
PCB-1260	0.10	U	0.10	0.10	ug/Wipe		09/04/24 16:53	09/08/24 15:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		60 - 120	09/04/24 16:53	09/08/24 15:00	1
Tetrachloro-m-xylene	94		60 - 120	09/04/24 16:53	09/08/24 15:00	1

Lab Sample ID: LCS 580-470313/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 470691 — **Prep Batch: 470313**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.917		ug/Wipe		92	60 - 120		
PCB-1260			1.00	0.898		ug/Wipe		90	60 - 120		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	110		60 - 120
Tetrachloro-m-xylene	94		60 - 120

Lab Sample ID: LCSD 580-470313/3-A
Matrix: Wipe
Analysis Batch: 470691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 470313

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.933		ug/Wipe		93	60 - 120	2	10
PCB-1260			1.00	0.904		ug/Wipe		90	60 - 120	1	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	111		60 - 120
Tetrachloro-m-xylene	94		60 - 120

GC Semi VOA

Prep Batch: 470305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-21	83024-ADM-EXT-09	Total/NA	Wipe	3580A	
200-74959-22	83024-ADM-EXT-10	Total/NA	Wipe	3580A	
200-74959-23	83024-ADM-EXT-11	Total/NA	Wipe	3580A	
200-74959-24	83024-N7	Total/NA	Wipe	3580A	
200-74959-25	83024-ANX-INT-10	Total/NA	Wipe	3580A	
200-74959-26	83024-GYM-INT-11	Total/NA	Wipe	3580A	
200-74959-27	83024-POD-INT-12	Total/NA	Wipe	3580A	
200-74959-28	83024-ANX-EXT-12	Total/NA	Wipe	3580A	
200-74959-29	83024-ANX-EXT-13	Total/NA	Wipe	3580A	
200-74959-30	83024-ANX-EXT-14	Total/NA	Wipe	3580A	
200-74959-31	83024-CTE-EXT-15	Total/NA	Wipe	3580A	
200-74959-32	83024-CTE-EXT-N8	Total/NA	Wipe	3580A	
MB 580-470305/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470305/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470305/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Prep Batch: 470307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-33	83024-N9	Total/NA	Wipe	3580A	
MB 580-470307/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470307/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470307/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

Prep Batch: 470313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-1	83024-GYM-INT-01	Total/NA	Wipe	3580A	
200-74959-2	83024-GYM-INT-02	Total/NA	Wipe	3580A	
200-74959-3	83024-GYM-INT-03	Total/NA	Wipe	3580A	
200-74959-4	83024-GYM-INT-04	Total/NA	Wipe	3580A	
200-74959-5	83024-GYM-EXT-01	Total/NA	Wipe	3580A	
200-74959-6	83024-GYM-EXT-N8	Total/NA	Wipe	3580A	
200-74959-7	83024-GYM-EXT-02	Total/NA	Wipe	3580A	
200-74959-8	83024-GYM-EXT-03	Total/NA	Wipe	3580A	
200-74959-9	83024-GYM-EXT-04	Total/NA	Wipe	3580A	
200-74959-10	83024-GYM-EXT-05	Total/NA	Wipe	3580A	
200-74959-11	83024-POD-INT-05	Total/NA	Wipe	3580A	
200-74959-12	83024-POD-INT-06	Total/NA	Wipe	3580A	
200-74959-13	83024-POD-INT-07	Total/NA	Wipe	3580A	
200-74959-14	83024-POD-INT-N8	Total/NA	Wipe	3580A	
200-74959-15	83024-POD-EXT-06	Total/NA	Wipe	3580A	
200-74959-16	83024-POD-EXT-07	Total/NA	Wipe	3580A	
200-74959-17	83024-POD-EXT-08	Total/NA	Wipe	3580A	
200-74959-18	83024-ADM-INT-08	Total/NA	Wipe	3580A	
200-74959-19	83024-ADM-INT-N8	Total/NA	Wipe	3580A	
200-74959-20	83024-ADM-INT-09	Total/NA	Wipe	3580A	
MB 580-470313/1-A	Method Blank	Total/NA	Wipe	3580A	
LCS 580-470313/2-A	Lab Control Sample	Total/NA	Wipe	3580A	
LCSD 580-470313/3-A	Lab Control Sample Dup	Total/NA	Wipe	3580A	

GC Semi VOA

Analysis Batch: 470669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-21	83024-ADM-EXT-09	Total/NA	Wipe	8082A	470305
200-74959-22	83024-ADM-EXT-10	Total/NA	Wipe	8082A	470305
200-74959-23	83024-ADM-EXT-11	Total/NA	Wipe	8082A	470305
200-74959-24	83024-N7	Total/NA	Wipe	8082A	470305
200-74959-25	83024-ANX-INT-10	Total/NA	Wipe	8082A	470305
200-74959-26	83024-GYM-INT-11	Total/NA	Wipe	8082A	470305
200-74959-27	83024-POD-INT-12	Total/NA	Wipe	8082A	470305
200-74959-28	83024-ANX-EXT-12	Total/NA	Wipe	8082A	470305
200-74959-29	83024-ANX-EXT-13	Total/NA	Wipe	8082A	470305
200-74959-30	83024-ANX-EXT-14	Total/NA	Wipe	8082A	470305
200-74959-31	83024-CTE-EXT-15	Total/NA	Wipe	8082A	470305
200-74959-32	83024-CTE-EXT-N8	Total/NA	Wipe	8082A	470305
MB 580-470305/1-A	Method Blank	Total/NA	Wipe	8082A	470305
LCS 580-470305/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470305
LCSD 580-470305/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470305

Analysis Batch: 470691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-1	83024-GYM-INT-01	Total/NA	Wipe	8082A	470313
MB 580-470313/1-A	Method Blank	Total/NA	Wipe	8082A	470313
LCS 580-470313/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470313
LCSD 580-470313/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470313

Analysis Batch: 470710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-33	83024-N9	Total/NA	Wipe	8082A	470307
MB 580-470307/1-A	Method Blank	Total/NA	Wipe	8082A	470307
LCS 580-470307/2-A	Lab Control Sample	Total/NA	Wipe	8082A	470307
LCSD 580-470307/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	470307

Analysis Batch: 470712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74959-2	83024-GYM-INT-02	Total/NA	Wipe	8082A	470313
200-74959-3	83024-GYM-INT-03	Total/NA	Wipe	8082A	470313
200-74959-4	83024-GYM-INT-04	Total/NA	Wipe	8082A	470313
200-74959-5	83024-GYM-EXT-01	Total/NA	Wipe	8082A	470313
200-74959-6	83024-GYM-EXT-N8	Total/NA	Wipe	8082A	470313
200-74959-7	83024-GYM-EXT-02	Total/NA	Wipe	8082A	470313
200-74959-8	83024-GYM-EXT-03	Total/NA	Wipe	8082A	470313
200-74959-9	83024-GYM-EXT-04	Total/NA	Wipe	8082A	470313
200-74959-10	83024-GYM-EXT-05	Total/NA	Wipe	8082A	470313
200-74959-11	83024-POD-INT-05	Total/NA	Wipe	8082A	470313
200-74959-12	83024-POD-INT-06	Total/NA	Wipe	8082A	470313
200-74959-13	83024-POD-INT-07	Total/NA	Wipe	8082A	470313
200-74959-14	83024-POD-INT-N8	Total/NA	Wipe	8082A	470313
200-74959-15	83024-POD-EXT-06	Total/NA	Wipe	8082A	470313
200-74959-16	83024-POD-EXT-07	Total/NA	Wipe	8082A	470313
200-74959-17	83024-POD-EXT-08	Total/NA	Wipe	8082A	470313
200-74959-18	83024-ADM-INT-08	Total/NA	Wipe	8082A	470313
200-74959-19	83024-ADM-INT-N8	Total/NA	Wipe	8082A	470313
200-74959-20	83024-ADM-INT-09	Total/NA	Wipe	8082A	470313

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-GYM-INT-01
Date Collected: 08/30/24 09:45
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-1
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470691	TL1	EET SEA	09/08/24 15:53

Client Sample ID: 83024-GYM-INT-02
Date Collected: 08/30/24 09:53
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-2
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 17:56

Client Sample ID: 83024-GYM-INT-03
Date Collected: 08/30/24 10:01
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-3
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 18:14

Client Sample ID: 83024-GYM-INT-04
Date Collected: 08/30/24 10:05
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-4
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 18:32

Client Sample ID: 83024-GYM-EXT-01
Date Collected: 08/30/24 10:23
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-5
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 18:49

Client Sample ID: 83024-GYM-EXT-N8
Date Collected: 08/30/24 10:24
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-6
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 19:07

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-GYM-EXT-02
Date Collected: 08/30/24 10:35
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-7
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 19:25

Client Sample ID: 83024-GYM-EXT-03
Date Collected: 08/30/24 10:37
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-8
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 19:42

Client Sample ID: 83024-GYM-EXT-04
Date Collected: 08/30/24 10:48
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-9
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 20:00

Client Sample ID: 83024-GYM-EXT-05
Date Collected: 08/30/24 10:59
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-10
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 20:18

Client Sample ID: 83024-POD-INT-05
Date Collected: 08/30/24 11:18
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-11
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 20:35

Client Sample ID: 83024-POD-INT-06
Date Collected: 08/30/24 11:22
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-12
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 20:53

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-POD-INT-07
Date Collected: 08/30/24 11:28
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-13
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 21:11

Client Sample ID: 83024-POD-INT-N8
Date Collected: 08/30/24 11:29
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-14
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 21:28

Client Sample ID: 83024-POD-EXT-06
Date Collected: 08/30/24 11:37
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-15
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 21:46

Client Sample ID: 83024-POD-EXT-07
Date Collected: 08/30/24 11:41
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-16
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 22:04

Client Sample ID: 83024-POD-EXT-08
Date Collected: 08/30/24 11:43
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-17
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 22:21

Client Sample ID: 83024-ADM-INT-08
Date Collected: 08/30/24 11:53
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-18
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 22:39

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-ADM-INT-N8
Lab Sample ID: 200-74959-19
Date Collected: 08/30/24 11:54
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 22:57

Client Sample ID: 83024-ADM-INT-09
Lab Sample ID: 200-74959-20
Date Collected: 08/30/24 11:57
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470313	KI	EET SEA	09/04/24 16:53
Total/NA	Analysis	8082A		1	470712	TL1	EET SEA	09/08/24 23:14

Client Sample ID: 83024-ADM-EXT-09
Lab Sample ID: 200-74959-21
Date Collected: 08/30/24 12:07
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 21:57

Client Sample ID: 83024-ADM-EXT-10
Lab Sample ID: 200-74959-22
Date Collected: 08/30/24 12:11
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 22:15

Client Sample ID: 83024-ADM-EXT-11
Lab Sample ID: 200-74959-23
Date Collected: 08/30/24 12:13
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 22:33

Client Sample ID: 83024-N7
Lab Sample ID: 200-74959-24
Date Collected: 08/30/24 12:20
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 22:50

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-ANX-INT-10
Date Collected: 08/30/24 12:34
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-25
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 23:08

Client Sample ID: 83024-GYM-INT-11
Date Collected: 08/30/24 13:14
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-26
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 23:25

Client Sample ID: 83024-POD-INT-12
Date Collected: 08/30/24 13:08
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-27
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/07/24 23:43

Client Sample ID: 83024-ANX-EXT-12
Date Collected: 08/30/24 12:43
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-28
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/08/24 00:01

Client Sample ID: 83024-ANX-EXT-13
Date Collected: 08/30/24 12:48
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-29
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/08/24 00:18

Client Sample ID: 83024-ANX-EXT-14
Date Collected: 08/30/24 12:50
Date Received: 08/30/24 15:55

Lab Sample ID: 200-74959-30
Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/08/24 00:36

Lab Chronicle

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Client Sample ID: 83024-CTE-EXT-15

Lab Sample ID: 200-74959-31

Date Collected: 08/30/24 12:58
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/08/24 00:54

Client Sample ID: 83024-CTE-EXT-N8

Lab Sample ID: 200-74959-32

Date Collected: 08/30/24 13:01
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470305	ER	EET SEA	09/04/24 16:23
Total/NA	Analysis	8082A		1	470669	TL1	EET SEA	09/08/24 01:11

Client Sample ID: 83024-N9

Lab Sample ID: 200-74959-33

Date Collected: 08/30/24 13:45
Matrix: Wipe
Date Received: 08/30/24 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3580A			470307	ER	EET SEA	09/04/24 16:28
Total/NA	Analysis	8082A		1	470710	VLF	EET SEA	09/08/24 04:43

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Laboratory: Eurofins Seattle

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-24 *
Florida	NELAP	E87575	06-30-25
Louisiana	NELAP	03073	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
Montana (UST)	State	NA	04-14-27
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-24	07-13-25
Wisconsin	State	399133460	08-31-24 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET SEA
3580A	Extraction of PCBs (Wipe Samples)	SW846	EET SEA

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Fulcrum Environmental Consulting Inc
Project/Site: SVEC Project

Job ID: 200-74959-1
SDG: 200-74959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-74959-1	83024-GYM-INT-01	Wipe	08/30/24 09:45	08/30/24 15:55
200-74959-2	83024-GYM-INT-02	Wipe	08/30/24 09:53	08/30/24 15:55
200-74959-3	83024-GYM-INT-03	Wipe	08/30/24 10:01	08/30/24 15:55
200-74959-4	83024-GYM-INT-04	Wipe	08/30/24 10:05	08/30/24 15:55
200-74959-5	83024-GYM-EXT-01	Wipe	08/30/24 10:23	08/30/24 15:55
200-74959-6	83024-GYM-EXT-N8	Wipe	08/30/24 10:24	08/30/24 15:55
200-74959-7	83024-GYM-EXT-02	Wipe	08/30/24 10:35	08/30/24 15:55
200-74959-8	83024-GYM-EXT-03	Wipe	08/30/24 10:37	08/30/24 15:55
200-74959-9	83024-GYM-EXT-04	Wipe	08/30/24 10:48	08/30/24 15:55
200-74959-10	83024-GYM-EXT-05	Wipe	08/30/24 10:59	08/30/24 15:55
200-74959-11	83024-POD-INT-05	Wipe	08/30/24 11:18	08/30/24 15:55
200-74959-12	83024-POD-INT-06	Wipe	08/30/24 11:22	08/30/24 15:55
200-74959-13	83024-POD-INT-07	Wipe	08/30/24 11:28	08/30/24 15:55
200-74959-14	83024-POD-INT-N8	Wipe	08/30/24 11:29	08/30/24 15:55
200-74959-15	83024-POD-EXT-06	Wipe	08/30/24 11:37	08/30/24 15:55
200-74959-16	83024-POD-EXT-07	Wipe	08/30/24 11:41	08/30/24 15:55
200-74959-17	83024-POD-EXT-08	Wipe	08/30/24 11:43	08/30/24 15:55
200-74959-18	83024-ADM-INT-08	Wipe	08/30/24 11:53	08/30/24 15:55
200-74959-19	83024-ADM-INT-N8	Wipe	08/30/24 11:54	08/30/24 15:55
200-74959-20	83024-ADM-INT-09	Wipe	08/30/24 11:57	08/30/24 15:55
200-74959-21	83024-ADM-EXT-09	Wipe	08/30/24 12:07	08/30/24 15:55
200-74959-22	83024-ADM-EXT-10	Wipe	08/30/24 12:11	08/30/24 15:55
200-74959-23	83024-ADM-EXT-11	Wipe	08/30/24 12:13	08/30/24 15:55
200-74959-24	83024-N7	Wipe	08/30/24 12:20	08/30/24 15:55
200-74959-25	83024-ANX-INT-10	Wipe	08/30/24 12:34	08/30/24 15:55
200-74959-26	83024-GYM-INT-11	Wipe	08/30/24 13:14	08/30/24 15:55
200-74959-27	83024-POD-INT-12	Wipe	08/30/24 13:08	08/30/24 15:55
200-74959-28	83024-ANX-EXT-12	Wipe	08/30/24 12:43	08/30/24 15:55
200-74959-29	83024-ANX-EXT-13	Wipe	08/30/24 12:48	08/30/24 15:55
200-74959-30	83024-ANX-EXT-14	Wipe	08/30/24 12:50	08/30/24 15:55
200-74959-31	83024-CTE-EXT-15	Wipe	08/30/24 12:58	08/30/24 15:55
200-74959-32	83024-CTE-EXT-N8	Wipe	08/30/24 13:01	08/30/24 15:55
200-74959-33	83024-N9	Wipe	08/30/24 13:45	08/30/24 15:55

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	**Project Manager:**		COC No:
Your Company Name here Fulcrum	**Email:**	**Site Contact:**	**Date:**	2 of 4 COCs
Address 406 North 2nd street	**Tel/Fax:**	**Lab Contact:**	**Carrier:**	TALS Project #:
City/State/Zip Yakima / WA / 98901	**Analysis Turnaround Time**			Sampler:
(xxx) xxx-xxxx Phone 509-574-0839	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: SUEC Annual	☐ 2 weeks			Lab Sampling:
Site: SUEC	☐ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8082A													Sample Specific Notes:
83024-POD-INT-06	8-30-24	11:22		wipe				X													
83024-POD-INT-07		11:28						X													
83024-POD-INT-N8		11:29						X													
83024-POD-EXT-06		11:37						X													
83024-POD-EXT-07		11:41						X													
83024-POD-EXT-08		11:43						X													
83024-ADM-INT-08		11:53						X													
83024-ADM-INT-N8		11:54						X													
83024-ADM-INT-09		11:57						X													
83024-ADM-EXT-09		12:07						X													
83024-ADM-EXT-10		12:11						X													
83024-ADM-EXT-11		12:13						X													

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Samples 100² cm

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by: Tarrell Manjarrez	Company: Fulcrum	Date/Time: 8-30-24	Received by:	Company: EETN	Date/Time: 8/30/24 1555
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

9/9/2024

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.4
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 4 of 4~~ 3 of 4
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:

Address: 406 North 2nd Street	Due Date Requested:
City: Yakima	TAT Requested (days):
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No
Phone:	PO #: Purchase Order Requested
Email: tarell.manjarrez@efulcrum.net	WO #:
Project Name: SVEC Project Annual	Project #: 20011767
Site:	SSOW#:

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
83024 - N7	8-30-24	12:20		Wipe			X		
83024 - ANX - INT - 10		12:34		Wipe			X		
~~83024 - ANX - INT - 11~~				Wipe			X		
~~83024 - ANX - INT - 12~~				Wipe			X		
~~83024 - ANX~~				Wipe			X		
83024 - GYM - INT - 11		1:14		Wipe			X		
83024 - POD - INT - 12		1:08		Wipe			X		
83024 - ANX - EXT - 12		12:43					X		
83024 - ANX - EXT - 13		12:48					X		
83024 - ANX - EXT - 14		12:50					X		
83024 - CTE - EXT - 15		12:58					X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples 100² cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-30-24 3:55	Fulcrum	[signature]	8/30/24 1555	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tarell Manjarrez	Lab PM: Nye, Elizabeth A	Carrier Tracking No(s):	COC No: 200-34682-15076.3
Client Contact: Tarell Manjarrez	Phone: 509-574-0839	E-Mail: Elizabeth.Nye@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 4~~ 4 of 4
Company: Fulcrum Environmental Consulting Inc	PWSID:			Job #:
Address: 406 North 2nd Street	Due Date Requested:			
City: Yakima	TAT Requested (days):			
State, Zip: WA, 98901	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: tarell.manjarrez@efulcrum.net	WO #:			
Project Name: SVEC Project	Project #: 20011767			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - (MOD) TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
83024-CTE-EXT-N8	8-30-24	1:01		Wipe			X		
83024-N9	8-30-24	1:45		Wipe			X		
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					
				Wipe					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples 100A cm

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tarell Manjarrez	8-30-24 3:58	Fulcrum		8/30/24 1555	EETN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74959-1
SDG Number: 200-74959-1

Login Number: 74959
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Fulcrum Environmental Consulting Inc

Job Number: 200-74959-1
SDG Number: 200-74959-1

Login Number: 74959
List Number: 2
Creator: Harp, Cordelia

List Source: Eurofins Seattle
List Creation: 09/03/24 05:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	IR 14 16.1/15.8 c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	