



Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

January 13, 2022

Scott Rose
Associated Environmental Group, LLC
2633 Parkmont Lane SW, Suite A
Olympia, WA 98502

Dear Mr. Rose:

Please find enclosed the analytical data report for the Railroad & 1st Shelton Project located in Shelton, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

RAILROAD & 1ST SHELTON PROJECT
AEG, LLC
Shelton, Washington
Libby Project # L22A012
Client Project # 21-198

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Analyses of Diesel & Oil (NWTPh-Dx/Dx Extended) in Water

| Sample Number | Date Analyzed | Surrogate Recovery (%) | Diesel (µg/L) | Oil (µg/L) |
|---|---------------|------------------------|---------------|------------|
| Method Blank | 1/11/2022 | 83 | nd | nd |
| MW-1 | 1/11/2022 | 79 | nd | nd |
| MW-2 | 1/11/2022 | 78 | nd | nd |
| MW-3 | 1/11/2022 | 70 | nd | nd |
| MW-4 | 1/11/2022 | 79 | nd | nd |
| MW-5 | 1/11/2022 | 78 | nd | nd |
| Practical Quantitation Limit | | | 200 | 400 |
| "nd" Indicates not detected at the listed detection limits. | | | | |
| "int" Indicates that interference prevents determination. | | | | |

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 42% TO 150%

ANALYSES PERFORMED BY: Randolph Kraus

Libby Environmental, Inc.

RAILROAD & 1ST SHELTON PROJECT
AEG, LLC
Libby Project # L22A012

Date Received 1/5/22 14:48

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Received By SC

Sample Receipt Checklist

Chain of Custody

| | | | |
|--------------------------------------|--|------------------------------------|----------------------------------|
| 1. Is the Chain of Custody complete? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 2. How was the sample delivered? | <input checked="" type="checkbox"/> Hand Delivered | <input type="checkbox"/> Picked Up | <input type="checkbox"/> Shipped |

Log In

| | | | |
|---|---|--|---|
| 3. Cooler or Shipping Container is present. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 4. Cooler or Shipping Container is in good condition. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 5. Cooler or Shipping Container has Custody Seals present. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| 6. Was an attempt made to cool the samples? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 7. Temperature of cooler (0°C to 8°C recommended) | <u>-2.0 °C</u> | | |
| 8. Temperature of sample(s) (0°C to 8°C recommended) | <u>2.2 °C</u> | | |
| 9. Did all containers arrive in good condition (unbroken)? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 10. Is it clear what analyses were requested? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 11. Did container labels match Chain of Custody? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 12. Are matrices correctly identified on Chain of Custody? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 13. Are correct containers used for the analysis indicated? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 14. Is there sufficient sample volume for indicated analysis? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 15. Were all containers properly preserved per each analysis? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| 16. Were VOA vials collected correctly (no headspace)? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| 17. Were all holding times able to be met? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |

Discrepancies/ Notes

18. Was client notified of all discrepancies? Yes No N/A

Person Notified: _____

Date: _____

By Whom: _____

Via: _____

Regarding: _____

19. Comments.

3322 South Bay Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Client: AEG

Address: 2633 Parkmount Lane SW, Suite A

City: Olympia State: WA Zip: 98502

Phone: (360) 352-9835 Fax:

Client Project # 21-198



| | | | | | |
|--------------------------------|----------------------------|--------------------------------|----------------------------|---------------------------------------|----------|
| Relinquished by: <i>Tom</i> | Date / Time 1/5/22 1446 | Received by: <i>Shy WAT</i> | Date / Time 1-5-22 1446 | Sample Receipt Good Condition? Y N | Remarks: |
| Relinquished by: | Date / Time | Received by: | Date / Time | Cooler Temp. °C | |
| | | | | Sample Temp. °C | |



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Libby Environmental

Sherry Chilcutt
3322 South Bay Road NE
Olympia, WA 98506

RE: Railroad 1st Shelton
Work Order Number: 2201050

January 13, 2022

Attention Sherry Chilcutt:

Fremont Analytical, Inc. received 5 sample(s) on 1/6/2022 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brianna Barnes".

Brianna Barnes
Project Manager

*DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910*

Original

www.fremontanalytical.com

CLIENT: Libby Environmental
Project: Railroad 1st Shelton
Work Order: 2201050

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|---------------------|
| 2201050-001 | MW-1 | 01/05/2022 11:32 AM | 01/06/2022 11:52 AM |
| 2201050-002 | MW-2 | 01/05/2022 10:47 AM | 01/06/2022 11:52 AM |
| 2201050-003 | MW-3 | 01/05/2022 12:30 PM | 01/06/2022 11:52 AM |
| 2201050-004 | MW-4 | 01/05/2022 10:02 AM | 01/06/2022 11:52 AM |
| 2201050-005 | MW-5 | 01/05/2022 1:14 PM | 01/06/2022 11:52 AM |

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Libby Environmental
Project: Railroad 1st Shelton

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2201050

Date Reported: 1/13/2022

Client: Libby Environmental

Collection Date: 1/5/2022 11:32:00 AM

Project: Railroad 1st Shelton

Lab ID: 2201050-001

Matrix: Water

Client Sample ID: MW-1

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|

| | | | | | | |
|---|-----|------------|--|-----------|-------|----------------------|
| Polyaromatic Hydrocarbons by EPA Method 8270 (SIM) | | | | Batch ID: | 34985 | Analyst: SB |
| Benz(a)anthracene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Chrysene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Benzo(b)fluoranthene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Benzo(k)fluoranthene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Benzo(a)pyrene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Indeno(1,2,3-cd)pyrene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Dibenz(a,h)anthracene | ND | 0.0853 | | µg/L | 1 | 1/11/2022 6:23:29 PM |
| Surr: 2-Fluorobiphenyl | 110 | 49.6 - 128 | | %Rec | 1 | 1/11/2022 6:23:29 PM |
| Surr: Terphenyl-d14 | 128 | 38.2 - 138 | | %Rec | 1 | 1/11/2022 6:23:29 PM |



Analytical Report

Work Order: 2201050

Date Reported: 1/13/2022

Client: Libby Environmental

Collection Date: 1/5/2022 10:47:00 AM

Project: Railroad 1st Shelton

Lab ID: 2201050-002

Matrix: Water

Client Sample ID: MW-2

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|

| | | | | | | |
|---|-----|------------|------|-----------|----------------------|-------------|
| Polyaromatic Hydrocarbons by EPA Method 8270 (SIM) | | | | Batch ID: | 34985 | Analyst: SB |
| Benz(a)anthracene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Chrysene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Benzo(b)fluoranthene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Benzo(k)fluoranthene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Benzo(a)pyrene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Indeno(1,2,3-cd)pyrene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Dibenz(a,h)anthracene | ND | 0.0914 | µg/L | 1 | 1/11/2022 6:45:31 PM | |
| Surr: 2-Fluorobiphenyl | 127 | 49.6 - 128 | %Rec | 1 | 1/11/2022 6:45:31 PM | |
| Surr: Terphenyl-d14 | 138 | 38.2 - 138 | %Rec | 1 | 1/11/2022 6:45:31 PM | |



Analytical Report

Work Order: 2201050

Date Reported: 1/13/2022

Client: Libby Environmental

Collection Date: 1/5/2022 12:30:00 PM

Project: Railroad 1st Shelton

Lab ID: 2201050-003

Matrix: Water

Client Sample ID: MW-3

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|

| | | | | | | |
|---|-----|------------|--|-----------|-------|----------------------|
| Polyaromatic Hydrocarbons by EPA Method 8270 (SIM) | | | | Batch ID: | 34985 | Analyst: SB |
| Benz(a)anthracene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Chrysene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Benzo(b)fluoranthene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Benzo(k)fluoranthene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Benzo(a)pyrene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Indeno(1,2,3-cd)pyrene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Dibenz(a,h)anthracene | ND | 0.0899 | | µg/L | 1 | 1/11/2022 7:07:41 PM |
| Surr: 2-Fluorobiphenyl | 120 | 49.6 - 128 | | %Rec | 1 | 1/11/2022 7:07:41 PM |
| Surr: Terphenyl-d14 | 133 | 38.2 - 138 | | %Rec | 1 | 1/11/2022 7:07:41 PM |



Analytical Report

Work Order: 2201050

Date Reported: 1/13/2022

Client: Libby Environmental

Collection Date: 1/5/2022 10:02:00 AM

Project: Railroad 1st Shelton

Lab ID: 2201050-004

Matrix: Water

Client Sample ID: MW-4

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|

| | | | | | | |
|---|-----|------------|------|-----------|----------------------|-------------|
| Polyaromatic Hydrocarbons by EPA Method 8270 (SIM) | | | | Batch ID: | 34985 | Analyst: SB |
| Benz(a)anthracene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Chrysene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Benzo(b)fluoranthene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Benzo(k)fluoranthene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Benzo(a)pyrene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Indeno(1,2,3-cd)pyrene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Dibenz(a,h)anthracene | ND | 0.0920 | µg/L | 1 | 1/11/2022 7:29:42 PM | |
| Surr: 2-Fluorobiphenyl | 120 | 49.6 - 128 | %Rec | 1 | 1/11/2022 7:29:42 PM | |
| Surr: Terphenyl-d14 | 132 | 38.2 - 138 | %Rec | 1 | 1/11/2022 7:29:42 PM | |



Analytical Report

Work Order: 2201050

Date Reported: 1/13/2022

Client: Libby Environmental

Collection Date: 1/5/2022 1:14:00 PM

Project: Railroad 1st Shelton

Lab ID: 2201050-005

Matrix: Water

Client Sample ID: MW-5

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|
|-----------------|---------------|-----------|-------------|--------------|-----------|----------------------|

| | | | | | | |
|---|-----|------------|------|-----------|----------------------|-------------|
| Polyaromatic Hydrocarbons by EPA Method 8270 (SIM) | | | | Batch ID: | 34985 | Analyst: SB |
| Benz(a)anthracene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Chrysene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Benzo(b)fluoranthene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Benzo(k)fluoranthene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Benzo(a)pyrene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Indeno(1,2,3-cd)pyrene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Dibenz(a,h)anthracene | ND | 0.0885 | µg/L | 1 | 1/11/2022 7:51:43 PM | |
| Surr: 2-Fluorobiphenyl | 119 | 49.6 - 128 | %Rec | 1 | 1/11/2022 7:51:43 PM | |
| Surr: Terphenyl-d14 | 130 | 38.2 - 138 | %Rec | 1 | 1/11/2022 7:51:43 PM | |

Work Order: 2201050
CLIENT: Libby Environmental
Project: Railroad 1st Shelton

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

| Sample ID: MB-34985 | SampType: MBLK | Units: µg/L | | | Prep Date: 1/10/2022 | | | RunNo: 72480 | | | |
|----------------------------|------------------------|--------------------|-----------|-------------|---------------------------------|----------|-----------|-----------------------|------|----------|------|
| Client ID: MBLKW | Batch ID: 34985 | | | | Analysis Date: 1/11/2022 | | | SeqNo: 1479442 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------------|------|-------|-------|--|-----|------|-----|--|--|--|---|
| Benz(a)anthracene | ND | 0.100 | | | | | | | | | |
| Chrysene | ND | 0.100 | | | | | | | | | |
| Benzo(b)fluoranthene | ND | 0.100 | | | | | | | | | |
| Benzo(k)fluoranthene | ND | 0.100 | | | | | | | | | |
| Benzo(a)pyrene | ND | 0.100 | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.100 | | | | | | | | | |
| Dibenz(a,h)anthracene | ND | 0.100 | | | | | | | | | |
| Surr: 2-Fluorobiphenyl | 2.84 | | 2.000 | | 142 | 49.6 | 128 | | | | S |
| Surr: Terphenyl-d14 | 3.08 | | 2.000 | | 154 | 38.2 | 138 | | | | S |

NOTES:

S - Outlying surrogate recovery(ies) observed (high bias). Sample is non-detect; result meets QC requirements.

| Sample ID: LCS-34985 | SampType: LCS | Units: µg/L | | | Prep Date: 1/10/2022 | | | RunNo: 72480 | | | |
|-----------------------------|------------------------|--------------------|-----------|-------------|---------------------------------|----------|-----------|-----------------------|------|----------|------|
| Client ID: LCSW | Batch ID: 34985 | | | | Analysis Date: 1/11/2022 | | | SeqNo: 1479443 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|------------------------|------|-------|-------|---|------|------|-----|--|--|--|--|
| Benz(a)anthracene | 3.89 | 0.100 | 4.000 | 0 | 97.1 | 53.4 | 115 | | | | |
| Chrysene | 3.47 | 0.100 | 4.000 | 0 | 86.8 | 52 | 111 | | | | |
| Benzo(b)fluoranthene | 3.93 | 0.100 | 4.000 | 0 | 98.4 | 45.3 | 109 | | | | |
| Benzo(k)fluoranthene | 3.63 | 0.100 | 4.000 | 0 | 90.9 | 40 | 117 | | | | |
| Benzo(a)pyrene | 3.40 | 0.100 | 4.000 | 0 | 85.0 | 49.1 | 115 | | | | |
| Indeno(1,2,3-cd)pyrene | 3.29 | 0.100 | 4.000 | 0 | 82.3 | 35.7 | 108 | | | | |
| Dibenz(a,h)anthracene | 3.38 | 0.100 | 4.000 | 0 | 84.4 | 36.9 | 111 | | | | |
| Surr: 2-Fluorobiphenyl | 2.16 | | 2.000 | | 108 | 49.6 | 128 | | | | |
| Surr: Terphenyl-d14 | 2.44 | | 2.000 | | 122 | 38.2 | 138 | | | | |

Work Order: 2201050

CLIENT: Libby Environmental

Project: Railroad 1st Shelton

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

| Sample ID: LCSD-34985 | SampType: LCSD | Units: $\mu\text{g/L}$ | | | Prep Date: 1/10/2022 | | | RunNo: 72480 | | | |
|------------------------|-----------------|------------------------|-----------|-------------|--------------------------|----------|-----------|----------------|-------|----------|------|
| Client ID: LCSW02 | Batch ID: 34985 | | | | Analysis Date: 1/11/2022 | | | SeqNo: 1479444 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benz(a)anthracene | 4.00 | 0.100 | 4.000 | 0 | 100 | 53.4 | 115 | 3.886 | 2.89 | 30 | |
| Chrysene | 3.59 | 0.100 | 4.000 | 0 | 89.8 | 52 | 111 | 3.472 | 3.47 | 30 | |
| Benzo(b)fluoranthene | 3.97 | 0.100 | 4.000 | 0 | 99.3 | 45.3 | 109 | 3.935 | 0.892 | 30 | |
| Benzo(k)fluoranthene | 3.66 | 0.100 | 4.000 | 0 | 91.5 | 40 | 117 | 3.634 | 0.731 | 30 | |
| Benzo(a)pyrene | 3.37 | 0.100 | 4.000 | 0 | 84.3 | 49.1 | 115 | 3.400 | 0.824 | 30 | |
| Indeno(1,2,3-cd)pyrene | 3.30 | 0.100 | 4.000 | 0 | 82.6 | 35.7 | 108 | 3.290 | 0.394 | 30 | |
| Dibenz(a,h)anthracene | 3.40 | 0.100 | 4.000 | 0 | 84.9 | 36.9 | 111 | 3.377 | 0.608 | 30 | |
| Surr: 2-Fluorobiphenyl | 2.31 | | 2.000 | | 115 | 49.6 | 128 | | 0 | 0 | |
| Surr: Terphenyl-d14 | 2.53 | | 2.000 | | 127 | 38.2 | 138 | | 0 | 0 | |

Client Name: **LIBBY**

 Work Order Number: **2201050**

 Logged by: **Gabrielle Coeuille**

 Date Received: **1/6/2022 11:52:00 AM**
Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA

4. Shipping container/cooler in good condition? Yes No

5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present

6. Was an attempt made to cool the samples? Yes No NA

7. Were all items received at a temperature of >2°C to 6°C * Yes No NA

8. Sample(s) in proper container(s)? Yes No

9. Sufficient sample volume for indicated test(s)? Yes No

10. Are samples properly preserved? Yes No

11. Was preservative added to bottles? Yes No NA

12. Is there headspace in the VOA vials? Yes No NA

13. Did all samples containers arrive in good condition(unbroken)? Yes No

14. Does paperwork match bottle labels? Yes No

15. Are matrices correctly identified on Chain of Custody? Yes No

16. Is it clear what analyses were requested? Yes No

17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

| | |
|----------------------|--|
| Person Notified: | Date: |
| By Whom: | Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | |
| Client Instructions: | |

19. Additional remarks:

Item Information

| Item # | Temp °C |
|----------|---------|
| Sample 1 | 5.1 |

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

2201050

Date: 1/5/22 Page: 1 of 1

Client: Libby Environmental, Inc.
Address: (See Above)

City: State: Zip:

Phone: Fax:

Client Project # L220105-4



| Sample Number | Depth | Time | Sample Type | Container Type | Field Notes | | | | | | | | | | |
|---------------|-------|------|------------------|----------------|-------------|----------------------|----------|----------------------|------------|---------------|----------|---------------|---------------|------------|----------|
| | | | | | VOC 8260 | PCE & Daughter Prod. | NWTPH-Gx | BTEX (8260) / (8021) | NWTPH-HCID | NWTPH-DX / DX | PCB 8082 | MTCA 5 Metals | RCRA 8 Metals | c PAH 8270 | PAH 8270 |
| 1 MW-1 | / | 1132 | H ₂ O | Amber | | | | | | | | X | | | |
| 2 MW-2 | / | 1047 | | | | | | | | | | X | | | |
| 3 MW-3 | / | 1230 | | | | | | | | | | X | | | |
| 4 MW-4 | / | 1002 | | | | | | | | | | X | | | |
| 5 MW-5 | / | 1314 | — | — | | | | | | | | X | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |

| Relinquished by: | Date / Time | Received by: | Date / Time | Sample Receipt | | Remarks: |
|------------------------|-------------|--------------|-------------|----------------------------|-----|----------------------|
| <i>Sherry Chilcutt</i> | 1/5/22 | UPS | | Good Condition? | Y N | |
| | | | | Cooler Temp. | °C | STD TAT |
| | | | | Sample Temp. | °C | |
| | | | | Total Number of Containers | | |
| | | | | | | TAT: 24HR 48HR 5-DAY |