

August 3, 2021

Washington State Department of Ecology  
Attn: Ted Uecker  
1026 West Broadway Avenue  
Spokane, WA, 99260

**Re: Sundance Golf Course – Supplemental Soil Sampling Results**

Dear Mr. Uecker,

In response to Ecology's opinion letter dated May 19, 2021, and follow-up discussion, Fulcrum collected 24-additional soil samples from the former Sundance golf course site to be analyzed for organochlorine pesticides and mercury. The samples represented nine (9) low-lying locations, five (5) putting greens, and ten (10) fairway locations as outlined in pre-sampling discussions.

Inclusive of these supplemental samples, Fulcrum has collected 30 samples for organochlorine pesticides and 217 samples for mercury at the site.

**Supplemental Soil Sampling**

On July 7, 2021, Fulcrum conducted soil sampling of select putting greens and fairways located at the former Sundance Golf Course. Samples were collected by a Washington State Geologist in Training under the direction of a Washington State Licensed Geologist. At each sample location, soils were hand-excavated to a depth of six inches and a sample was collected between 3- and 6-inches below ground surface using disposable sampling tools. Collected samples were placed into laboratory provided containers, labeled with a unique identification number, and placed in a cooler on ice for transport to Test America's laboratory in Spokane, Washington.

Laboratory analytical results for Organochlorine Pesticides are attached, noting that results are reported in ug/kg. Analytical results for Organochlorine Pesticides have been converted to mg/kg for comparison to the MTCA Method A Cleanup Standard. A summary of the confirmatory soil sample results is shown in the following table and a sample location map is attached.

**Table 1: July 7, 2021 – Confirmatory Soil Sampling Results**

| Sample Number         | Sample Location                              | Organochlorine Pesticides (mg/kg)      | Mercury (mg/kg) |
|-----------------------|----------------------------------------------|----------------------------------------|-----------------|
| SGC-070721-PH-07      | Hole 7, fairway low spot west area           | ND                                     | ND              |
| SGC-070721-PH-08      | Hole 3, putting green central area           | 0.71<br>Chlordane                      | <b>16.0</b>     |
| SGC-070721-PH-09      | Hole 13, fairway low spot east area          | ND                                     | ND              |
| SGC-070721-PH-10      | Hole 12, putting green                       | ND                                     | 0.14            |
| SGC-070721-PH-11      | Hole 12, fairway low spot north central area | ND                                     | ND              |
| SGC-070721-PH-12      | Hole 12, fairway low spot southeast area     | ND                                     | ND              |
| SGC-070721-PH-13      | Hole 11, low spot northwest of putting green | ND                                     | ND              |
| SGC-070721-PH-14      | Hole 11, low spot east of putting green      | ND                                     | ND              |
| SGC-070721-PH-15      | Hole 11, low spot west of tee box            | ND                                     | ND              |
| SGC-070721-PH-16      | Hole 17, low spot southeast of tee box       | ND                                     | ND              |
| SGC-070721-PH-17      | Hole 17, putting green southeast area        | 0.171<br>Chlordane                     | <b>6.2</b>      |
| SGC-070721-PH-18      | Hole 14, putting green south central area    | 0.072<br>Chlordane                     | 0.45            |
| SGC-070721-PH-19      | Hole 1, low spot south of putting green      | ND                                     | ND              |
| SGC-070721-PH-20      | Hole 6, putting green southeast area         | 0.19<br>Chlordane                      | 0.77            |
| SGC-070721-PH-21      | Hole 5, fairway central area                 | ND                                     | ND              |
| SGC-070721-PH-22      | Hole 1, fairway central area                 | ND                                     | ND              |
| SGC-070721-PH-23      | Hole 17, fairway central area                | ND                                     | ND              |
| SGC-070721-PH-24      | Hole 17, fairway east area                   | ND                                     | ND              |
| SGC-070721-PH-25      | Hole 11, fairway west central area           | ND                                     | ND              |
| SGC-070721-PH-26      | Hole 11, fairway east central area           | ND                                     | ND              |
| SGC-070721-PH-27      | Hole 12, fairway northeast area              | ND                                     | ND              |
| SGC-070721-PH-28      | Hole 12, fairway west central area           | 0.45<br>alpha-BHC                      | ND              |
| SGC-070721-PH-29      | Hole 14, fairway west central area           | ND                                     | ND              |
| SGC-070721-PH-30      | Hole 2, fairway west central area            | ND                                     | ND              |
| SGC-070721-PH-31      | Duplicate of SGC-070721-07                   | ND                                     | ND              |
| SGC-070721-PH-32      | Duplicate of SGC-070721-21                   | ND                                     | ND              |
| <b>Cleanup Levels</b> |                                              | <b>40<sup>1</sup>, 640<sup>2</sup></b> | <b>2.0</b>      |

ND – Analyte not detected at the laboratory method detection limit.

1 Method B Cleanup level for Chlordane (40.0 mg/Kg)

2 MTCA Method B Cleanup level for Alpha-BHC (640.0 mg/Kg)

Laboratory results reported two (2) of the 24 samples with detectable mercury concentrations of Method A cleanup levels. No organochlorine pesticides were detected above applicable regulatory thresholds.

## Summary

To date, Fulcrum has collected 30 samples from the site to characterize soils for organochlorine pesticides with no concentrations detected above applicable cleanup thresholds.

Fulcrum has collected 217 samples for mercury at the site, focusing on the putting greens. A total of ten (10) greens were identified with areas of mercury contaminated soil above the Method A cleanup thresholds of 2.0 mg/kg. Elevated residual mercury concentrations are likely the result of localized application of mercury containing pesticides to treat snow mold.

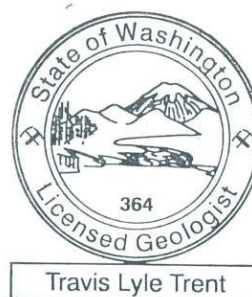
All but two (2) of the mercury impacted soil locations have been remediated by excavation and off-site disposal and confirmed through soil sampling (a minimum of three confirmation samples per location). See attached figure of all mercury impacted soil clean up areas.

The final two (2) locations of mercury impacted soil will be remediated through excavation in the coming 1-3 weeks. Once acceptable confirmation sample results are received, Fulcrum will proceed to preparation of a final project summary report that will be submitted to Ecologies Voluntary Cleanup Program with a request for a No Further Action determination.

Sincerely,



Travis Trent, LG, CIH  
Principal



## ANALYTICAL REPORT

Eurofins TestAmerica, Spokane  
11922 East 1st Ave  
Spokane, WA 99206  
Tel: (509)924-9200

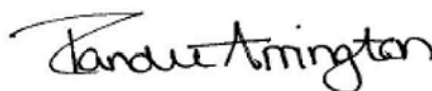
Laboratory Job ID: 590-15446-1

Client Project/Site: Kinney Sundance General Consulting

**For:**

Fulcrum Environmental  
207 West Boone Avenue  
Spokane, Washington 99201

Attn: Scott Groat



Authorized for release by:  
7/16/2021 2:13:49 PM

Randee Arrington, Lab Director  
(509)924-9200

[Randee.Arrington@Eurofinset.com](mailto:Randee.Arrington@Eurofinset.com)

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Case Narrative

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Job ID: 590-15446-1**

**Laboratory: Eurofins TestAmerica, Spokane**

## Narrative

### Receipt

The samples were received on 7/8/2021 4:15 PM. 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 was 3.4° C.

### GC Semi VOA

Method 8081B: Surrogate recovery was outside acceptance limits for the following matrix spike duplicate (MSD) sample: SGC-070721-PH-07 (590-15446-1). The parent sample's surrogate recovery was within limits. The MSD sample has been qualified and reported.

Method 8081B: The continuing calibration verification (CCV) associated with batch 410-147579 recovered above the upper control limit for Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SGC-070721-PH-07 (590-15446-1), SGC-070721-PH-08 (590-15446-2), SGC-070721-PH-10 (590-15446-4), SGC-070721-PH-11 (590-15446-5), SGC-070721-PH-12 (590-15446-6), SGC-070721-PH-13 (590-15446-7), SGC-070721-PH-16 (590-15446-10), SGC-070721-PH-17 (590-15446-11), SGC-070721-PH-18 (590-15446-12), SGC-070721-PH-19 (590-15446-13), SGC-070721-PH-20 (590-15446-14), SGC-070721-PH-21 (590-15446-15), SGC-070721-PH-23 (590-15446-17), SGC-070721-PH-31 (590-15446-25) and SGC-070721-PH-32 (590-15446-26).

Method 8081B: The following samples were diluted due to the nature of the sample matrix: SGC-070721-PH-07 (590-15446-1), SGC-070721-PH-08 (590-15446-2), SGC-070721-PH-10 (590-15446-4), SGC-070721-PH-11 (590-15446-5), SGC-070721-PH-12 (590-15446-6), SGC-070721-PH-13 (590-15446-7), SGC-070721-PH-16 (590-15446-10), SGC-070721-PH-17 (590-15446-11), SGC-070721-PH-18 (590-15446-12), SGC-070721-PH-19 (590-15446-13), SGC-070721-PH-20 (590-15446-14), SGC-070721-PH-21 (590-15446-15), SGC-070721-PH-23 (590-15446-17), SGC-070721-PH-31 (590-15446-25) and SGC-070721-PH-32 (590-15446-26). Elevated reporting limits (RLs) are provided.

Method 8081B: The continuing calibration verification (CCV) associated with batch 410-148118 recovered above the upper control limit for Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SGC-070721-PH-09 (590-15446-3), SGC-070721-PH-14 (590-15446-8), SGC-070721-PH-15 (590-15446-9) and SGC-070721-PH-24 (590-15446-18).

Method 8081B: The following samples were diluted due to the nature of the sample matrix: SGC-070721-PH-09 (590-15446-3), SGC-070721-PH-14 (590-15446-8), SGC-070721-PH-15 (590-15446-9) and SGC-070721-PH-24 (590-15446-18). Elevated reporting limits (RLs) are provided.

Method 8081B: The continuing calibration verification (CCV) associated with batch 410-148120 recovered outside acceptance criteria, low biased, for Endosulfan sulfate and 4,4'-DDT. The associated samples were non-detect for this analyte, the data have been reported.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: SGC-070721-PH-25 (590-15446-19), SGC-070721-PH-26 (590-15446-20), SGC-070721-PH-27 (590-15446-21), SGC-070721-PH-28 (590-15446-22), SGC-070721-PH-29 (590-15446-23) and SGC-070721-PH-30 (590-15446-24). Elevated reporting limits (RLs) are provided.

Method 8081B: The following sample required a dilution due to the nature of the sample matrix: SGC-070721-PH-22 (590-15446-16). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8081B: The following sample was diluted due to the nature of the sample matrix: SGC-070721-PH-22 (590-15446-16). Elevated reporting limits (RLs) are provided.

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

### Metals

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

### Organic Prep

## Case Narrative

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

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### Job ID: 590-15446-1 (Continued)

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#### Laboratory: Eurofins TestAmerica, Spokane (Continued)

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

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# Sample Summary

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 590-15446-1   | SGC-070721-PH-07 | Solid  | 07/07/21 09:13 | 07/08/21 16:15 |          |
| 590-15446-2   | SGC-070721-PH-08 | Solid  | 07/07/21 09:25 | 07/08/21 16:15 |          |
| 590-15446-3   | SGC-070721-PH-09 | Solid  | 07/07/21 09:33 | 07/08/21 16:15 |          |
| 590-15446-4   | SGC-070721-PH-10 | Solid  | 07/07/21 09:45 | 07/08/21 16:15 |          |
| 590-15446-5   | SGC-070721-PH-11 | Solid  | 07/07/21 09:52 | 07/08/21 16:15 |          |
| 590-15446-6   | SGC-070721-PH-12 | Solid  | 07/07/21 10:14 | 07/08/21 16:15 |          |
| 590-15446-7   | SGC-070721-PH-13 | Solid  | 07/07/21 10:18 | 07/08/21 16:15 |          |
| 590-15446-8   | SGC-070721-PH-14 | Solid  | 07/07/21 10:33 | 07/08/21 16:15 |          |
| 590-15446-9   | SGC-070721-PH-15 | Solid  | 07/07/21 10:45 | 07/08/21 16:15 |          |
| 590-15446-10  | SGC-070721-PH-16 | Solid  | 07/07/21 10:46 | 07/08/21 16:15 |          |
| 590-15446-11  | SGC-070721-PH-17 | Solid  | 07/07/21 10:52 | 07/08/21 16:15 |          |
| 590-15446-12  | SGC-070721-PH-18 | Solid  | 07/07/21 10:59 | 07/08/21 16:15 |          |
| 590-15446-13  | SGC-070721-PH-19 | Solid  | 07/07/21 11:03 | 07/08/21 16:15 |          |
| 590-15446-14  | SGC-070721-PH-20 | Solid  | 07/07/21 11:15 | 07/08/21 16:15 |          |
| 590-15446-15  | SGC-070721-PH-21 | Solid  | 07/07/21 11:21 | 07/08/21 16:15 |          |
| 590-15446-16  | SGC-070721-PH-22 | Solid  | 07/07/21 11:25 | 07/08/21 16:15 |          |
| 590-15446-17  | SGC-070721-PH-23 | Solid  | 07/07/21 11:28 | 07/08/21 16:15 |          |
| 590-15446-18  | SGC-070721-PH-24 | Solid  | 07/07/21 11:34 | 07/08/21 16:15 |          |
| 590-15446-19  | SGC-070721-PH-25 | Solid  | 07/07/21 11:39 | 07/08/21 16:15 |          |
| 590-15446-20  | SGC-070721-PH-26 | Solid  | 07/07/21 12:02 | 07/08/21 16:15 |          |
| 590-15446-21  | SGC-070721-PH-27 | Solid  | 07/07/21 12:14 | 07/08/21 16:15 |          |
| 590-15446-22  | SGC-070721-PH-28 | Solid  | 07/07/21 12:15 | 07/08/21 16:15 |          |
| 590-15446-23  | SGC-070721-PH-29 | Solid  | 07/07/21 12:30 | 07/08/21 16:15 |          |
| 590-15446-24  | SGC-070721-PH-30 | Solid  | 07/07/21 12:31 | 07/08/21 16:15 |          |
| 590-15446-25  | SGC-070721-PH-31 | Solid  | 07/07/21 13:03 | 07/08/21 16:15 |          |
| 590-15446-26  | SGC-070721-PH-32 | Solid  | 07/07/21 13:15 | 07/08/21 16:15 |          |

# Definitions/Glossary

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                         |
| p         | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| S1-       | Surrogate recovery exceeds control limits, low biased.                                                    |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                   |

### Metals

| Qualifier | Qualifier Description                          |
|-----------|------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits. |

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | 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                                                                                       |

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-07

Lab Sample ID: 590-15446-1

Date Collected: 07/07/21 09:13

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.4

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     | F1        | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| 4,4'-DDE            | ND     | F1        | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| 4,4'-DDT            | ND     | F2 F1     | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Aldrin              | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| alpha-BHC           | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| beta-BHC            | ND     | F1        | 5.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| cis-Chlordane       | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| delta-BHC           | ND     | F1        | 5.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Dieldrin            | ND     | F1        | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endosulfan I        | ND     | F2 F1     | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endosulfan II       | ND     | F1        | 12  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endosulfan sulfate  | ND     | F1        | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endrin              | ND     | F1        | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endrin aldehyde     | ND     | F2 F1     | 8.8 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Endrin ketone       | ND     | F2 F1     | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| gamma-BHC (Lindane) | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Heptachlor          | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Heptachlor epoxide  | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Methoxychlor        | ND     | F2 F1     | 35  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| trans-Chlordane     | ND     | F1        | 4.3 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:26 | 5       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 89        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| Tetrachloro-m-xylene          | 84        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| DCB Decachlorobiphenyl (Surr) | 114       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 10:26 | 5       |
| DCB Decachlorobiphenyl (Surr) | 99        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 10:26 | 5       |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.062 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 18:50 | 1       |

Client Sample ID: SGC-070721-PH-08

Lab Sample ID: 590-15446-2

Date Collected: 07/07/21 09:25

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.5

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 440 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| 4,4'-DDE           | ND     |           | 440 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| 4,4'-DDT           | ND     |           | 440 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Aldrin             | ND     |           | 210 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| alpha-BHC          | ND     |           | 210 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| beta-BHC           | ND     |           | 260 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| cis-Chlordane      | 710    |           | 210 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| delta-BHC          | ND     |           | 260 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Dieldrin           | ND     |           | 440 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Endosulfan I       | ND     |           | 210 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Endosulfan II      | ND     |           | 600 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Endosulfan sulfate | ND     |           | 440 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-08

Lab Sample ID: 590-15446-2

Date Collected: 07/07/21 09:25

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.5

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Endrin              | ND     |           | 440  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Endrin aldehyde     | ND     |           | 440  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Endrin ketone       | ND     |           | 520  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| gamma-BHC (Lindane) | ND     |           | 210  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Heptachlor          | ND     |           | 210  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Heptachlor epoxide  | ND     |           | 210  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Methoxychlor        | ND     |           | 1700 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Toxaphene           | ND     |           | 8500 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| trans-Chlordane     | 690    |           | 210  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 10:46 | 250     |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 89        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| Tetrachloro-m-xylene          | 118       |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| DCB Decachlorobiphenyl (Surr) | 185       | S1+       | 46 - 152 | 07/12/21 16:10 | 07/13/21 10:46 | 250     |
| DCB Decachlorobiphenyl (Surr) | 136       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 10:46 | 250     |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Mercury | 16     |           | 1.5 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:36 | 25      |

Client Sample ID: SGC-070721-PH-09

Lab Sample ID: 590-15446-3

Date Collected: 07/07/21 09:33

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.4

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| 4,4'-DDE            | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| 4,4'-DDT            | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Aldrin              | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| alpha-BHC           | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| beta-BHC            | ND     |           | 25  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| cis-Chlordane       | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| delta-BHC           | ND     |           | 25  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Dieldrin            | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endosulfan I        | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endosulfan II       | ND     |           | 58  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endosulfan sulfate  | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endrin              | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endrin aldehyde     | ND     |           | 43  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Endrin ketone       | ND     |           | 51  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| gamma-BHC (Lindane) | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Heptachlor          | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Heptachlor epoxide  | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Methoxychlor        | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Toxaphene           | ND     |           | 840 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| trans-Chlordane     | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 09:54 | 25      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 96        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| Tetrachloro-m-xylene | 80        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 09:54 | 25      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-09**

**Lab Sample ID: 590-15446-3**

**Date Collected: 07/07/21 09:33**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.4**

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl (Surr) | 158       | S1+       | 46 - 152 | 07/12/21 16:10 | 07/14/21 09:54 | 25      |
| DCB Decachlorobiphenyl (Surr) | 131       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 09:54 | 25      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.058 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 18:52 | 1       |

**Client Sample ID: SGC-070721-PH-10**

**Lab Sample ID: 590-15446-4**

**Date Collected: 07/07/21 09:45**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.0**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| 4,4'-DDE            | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| 4,4'-DDT            | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Aldrin              | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| alpha-BHC           | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| beta-BHC            | ND     |           | 100  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| cis-Chlordane       | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| delta-BHC           | ND     |           | 100  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Dieldrin            | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endosulfan I        | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endosulfan II       | ND     |           | 240  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endosulfan sulfate  | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endrin              | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endrin aldehyde     | ND     |           | 170  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Endrin ketone       | ND     |           | 210  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| gamma-BHC (Lindane) | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Heptachlor          | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Heptachlor epoxide  | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Methoxychlor        | ND     |           | 690  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Toxaphene           | ND     |           | 3400 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| trans-Chlordane     | ND     |           | 85   |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 11:26 | 100     |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 96        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| Tetrachloro-m-xylene          | 87        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| DCB Decachlorobiphenyl (Surr) | 155       | S1+       | 46 - 152 | 07/12/21 16:10 | 07/13/21 11:26 | 100     |
| DCB Decachlorobiphenyl (Surr) | 112       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 11:26 | 100     |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | 0.14   | F1        | 0.062 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 18:28 | 1       |

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-11

Lab Sample ID: 590-15446-5

Date Collected: 07/07/21 09:52

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.9

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| 4,4'-DDE            | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| 4,4'-DDT            | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Aldrin              | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| alpha-BHC           | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| beta-BHC            | ND     |           | 5.0 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| cis-Chlordane       | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| delta-BHC           | ND     |           | 5.0 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Dieldrin            | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endosulfan I        | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endosulfan II       | ND     |           | 12  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endosulfan sulfate  | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endrin              | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endrin aldehyde     | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Endrin ketone       | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| gamma-BHC (Lindane) | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Heptachlor          | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Heptachlor epoxide  | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Methoxychlor        | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| trans-Chlordane     | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 11:46 | 5       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 57        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| Tetrachloro-m-xylene          | 53        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| DCB Decachlorobiphenyl (Surr) | 78        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 11:46 | 5       |
| DCB Decachlorobiphenyl (Surr) | 70        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 11:46 | 5       |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.058 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:04 | 1       |

Client Sample ID: SGC-070721-PH-12

Lab Sample ID: 590-15446-6

Date Collected: 07/07/21 10:14

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.3

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| 4,4'-DDE           | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| 4,4'-DDT           | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Aldrin             | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| alpha-BHC          | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| beta-BHC           | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| cis-Chlordane      | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| delta-BHC          | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Dieldrin           | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Endosulfan I       | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Endosulfan II      | ND     |           | 12  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Endosulfan sulfate | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-12

Lab Sample ID: 590-15446-6

Date Collected: 07/07/21 10:14

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.3

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Endrin              | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Endrin aldehyde     | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Endrin ketone       | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| gamma-BHC (Lindane) | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Heptachlor          | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Heptachlor epoxide  | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Methoxychlor        | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| trans-Chlordane     | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:06 | 5       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 77        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| Tetrachloro-m-xylene          | 70        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| DCB Decachlorobiphenyl (Surr) | 94        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 12:06 | 5       |
| DCB Decachlorobiphenyl (Surr) | 82        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 12:06 | 5       |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.061 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:40 | 1       |

Client Sample ID: SGC-070721-PH-13

Lab Sample ID: 590-15446-7

Date Collected: 07/07/21 10:18

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.3

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| 4,4'-DDE            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| 4,4'-DDT            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Aldrin              | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| alpha-BHC           | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| beta-BHC            | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| cis-Chlordane       | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| delta-BHC           | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Dieldrin            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endosulfan I        | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endosulfan II       | ND     |           | 12  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endosulfan sulfate  | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endrin              | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endrin aldehyde     | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Endrin ketone       | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| gamma-BHC (Lindane) | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Heptachlor          | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Heptachlor epoxide  | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Methoxychlor        | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| trans-Chlordane     | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 12:26 | 5       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 76        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| Tetrachloro-m-xylene | 70        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 12:26 | 5       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-13**

**Lab Sample ID: 590-15446-7**

**Date Collected: 07/07/21 10:18**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.3**

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl (Surr) | 94        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 12:26 | 5       |
| DCB Decachlorobiphenyl (Surr) | 79        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 12:26 | 5       |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.058 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 19:00 | 1       |

**Client Sample ID: SGC-070721-PH-14**

**Lab Sample ID: 590-15446-8**

**Date Collected: 07/07/21 10:33**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.0**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| 4,4'-DDE            | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| 4,4'-DDT            | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Aldrin              | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| alpha-BHC           | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| beta-BHC            | ND     |           | 25  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| cis-Chlordane       | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| delta-BHC           | ND     |           | 25  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Dieldrin            | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endosulfan I        | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endosulfan II       | ND     |           | 58  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endosulfan sulfate  | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endrin              | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endrin aldehyde     | ND     |           | 43  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Endrin ketone       | ND     |           | 50  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| gamma-BHC (Lindane) | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Heptachlor          | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Heptachlor epoxide  | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Methoxychlor        | ND     |           | 170 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Toxaphene           | ND     |           | 830 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| trans-Chlordane     | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:14 | 25      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 95        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| Tetrachloro-m-xylene          | 85        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| DCB Decachlorobiphenyl (Surr) | 132       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:14 | 25      |
| DCB Decachlorobiphenyl (Surr) | 123       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:14 | 25      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.057 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 19:53 | 1       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-15**

**Lab Sample ID: 590-15446-9**

**Date Collected: 07/07/21 10:45**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.5**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| 4,4'-DDE            | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| 4,4'-DDT            | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Aldrin              | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| alpha-BHC           | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| beta-BHC            | ND     |           | 26  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| cis-Chlordane       | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| delta-BHC           | ND     |           | 26  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Dieldrin            | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endosulfan I        | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endosulfan II       | ND     |           | 59  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endosulfan sulfate  | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endrin              | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endrin aldehyde     | ND     |           | 44  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Endrin ketone       | ND     |           | 52  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| gamma-BHC (Lindane) | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Heptachlor          | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Heptachlor epoxide  | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Methoxychlor        | ND     |           | 170 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Toxaphene           | ND     |           | 850 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| trans-Chlordane     | ND     |           | 21  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 10:34 | 25      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 98        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| Tetrachloro-m-xylene          | 85        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| DCB Decachlorobiphenyl (Surr) | 130       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:34 | 25      |
| DCB Decachlorobiphenyl (Surr) | 115       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:34 | 25      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.059 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:02 | 1       |

**Client Sample ID: SGC-070721-PH-16**

**Lab Sample ID: 590-15446-10**

**Date Collected: 07/07/21 10:46**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.2**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| 4,4'-DDE           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| 4,4'-DDT           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Aldrin             | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| alpha-BHC          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| beta-BHC           | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| cis-Chlordane      | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| delta-BHC          | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Dieldrin           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Endosulfan I       | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Endosulfan II      | ND     |           | 23  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Endosulfan sulfate | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-16

Lab Sample ID: 590-15446-10

Date Collected: 07/07/21 10:46

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.2

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Endrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Heptachlor          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Heptachlor epoxide  | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Methoxychlor        | ND     |           | 68  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Toxaphene           | ND     |           | 330 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| trans-Chlordane     | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 13:26 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 89        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| Tetrachloro-m-xylene          | 82        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 118       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 13:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 105       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 13:26 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.059 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:43 | 1       |

Client Sample ID: SGC-070721-PH-17

Lab Sample ID: 590-15446-11

Date Collected: 07/07/21 10:52

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.0

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| 4,4'-DDE            | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| 4,4'-DDT            | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Aldrin              | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| alpha-BHC           | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| beta-BHC            | ND     |           | 52   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| cis-Chlordane       | 110    |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| delta-BHC           | ND     |           | 52   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Dieldrin            | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endosulfan I        | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endosulfan II       | ND     |           | 120  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endosulfan sulfate  | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endrin              | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endrin aldehyde     | ND     |           | 88   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Endrin ketone       | ND     |           | 100  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| gamma-BHC (Lindane) | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Heptachlor          | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Heptachlor epoxide  | ND     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Methoxychlor        | ND     |           | 350  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Toxaphene           | ND     |           | 1700 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| trans-Chlordane     | 61     |           | 43   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 15:46 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 94        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| Tetrachloro-m-xylene | 93        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 15:46 | 50      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-17

Lab Sample ID: 590-15446-11

Date Collected: 07/07/21 10:52

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.0

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl (Surr) | 180       | S1+       | 46 - 152 | 07/12/21 16:10 | 07/13/21 15:46 | 50      |
| DCB Decachlorobiphenyl (Surr) | 137       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 15:46 | 50      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Mercury | 6.2    |           | 1.5 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 19:38 | 25      |

Client Sample ID: SGC-070721-PH-18

Lab Sample ID: 590-15446-12

Date Collected: 07/07/21 10:59

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 99.0

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| 4,4'-DDE            | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| 4,4'-DDT            | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Aldrin              | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| alpha-BHC           | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| beta-BHC            | ND     |           | 20  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| cis-Chlordane       | 44     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| delta-BHC           | ND     |           | 20  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Dieldrin            | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endosulfan I        | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endosulfan II       | ND     |           | 46  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endosulfan sulfate  | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endrin              | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endrin aldehyde     | ND     |           | 34  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Endrin ketone       | ND     |           | 40  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| gamma-BHC (Lindane) | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Heptachlor          | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Heptachlor epoxide  | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Methoxychlor        | ND     |           | 130 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Toxaphene           | ND     |           | 660 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| trans-Chlordane     | 28     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 16:06 | 20      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 87        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| Tetrachloro-m-xylene          | 78        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| DCB Decachlorobiphenyl (Surr) | 131       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:06 | 20      |
| DCB Decachlorobiphenyl (Surr) | 113       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:06 | 20      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | 0.45   |           | 0.057 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 19:45 | 1       |

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-19

Lab Sample ID: 590-15446-13

Date Collected: 07/07/21 11:03

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.4

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| 4,4'-DDE            | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| 4,4'-DDT            | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Aldrin              | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| alpha-BHC           | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| beta-BHC            | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| cis-Chlordane       | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| delta-BHC           | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Dieldrin            | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endosulfan I        | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endosulfan II       | ND     |           | 23  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endosulfan sulfate  | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Heptachlor          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Heptachlor epoxide  | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Methoxychlor        | ND     |           | 68  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Toxaphene           | ND     |           | 340 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| trans-Chlordane     | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:26 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 92        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| Tetrachloro-m-xylene          | 83        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 119       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 99        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:26 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.057 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:51 | 1       |

Client Sample ID: SGC-070721-PH-20

Lab Sample ID: 590-15446-14

Date Collected: 07/07/21 11:15

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.7

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 87  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| 4,4'-DDE           | ND     |           | 87  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| 4,4'-DDT           | ND     |           | 87  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Aldrin             | ND     |           | 42  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| alpha-BHC          | ND     |           | 42  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| beta-BHC           | ND     |           | 51  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| cis-Chlordane      | 240    |           | 42  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| delta-BHC          | ND     |           | 51  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Dieldrin           | ND     |           | 87  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Endosulfan I       | ND     |           | 42  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Endosulfan II      | ND     |           | 120 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Endosulfan sulfate | ND     |           | 87  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-20

Lab Sample ID: 590-15446-14

Date Collected: 07/07/21 11:15

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 96.7

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Endrin              | ND     |           | 87   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Endrin aldehyde     | ND     |           | 87   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Endrin ketone       | ND     |           | 100  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| gamma-BHC (Lindane) | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Heptachlor          | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Heptachlor epoxide  | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Methoxychlor        | ND     |           | 340  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Toxaphene           | ND     |           | 1700 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| trans-Chlordane     | 190    |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 16:46 | 50      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 111       |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| Tetrachloro-m-xylene          | 99        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| DCB Decachlorobiphenyl (Surr) | 161       | S1+       | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:46 | 50      |
| DCB Decachlorobiphenyl (Surr) | 143       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 16:46 | 50      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Mercury | 0.77   |           | 0.15 |     | mg/Kg | ✱ | 07/12/21 21:23 | 07/13/21 19:40 | 2.5     |

Client Sample ID: SGC-070721-PH-21

Lab Sample ID: 590-15446-15

Date Collected: 07/07/21 11:21

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.7

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| 4,4'-DDE            | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| 4,4'-DDT            | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Aldrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| alpha-BHC           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| beta-BHC            | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| cis-Chlordane       | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| delta-BHC           | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Dieldrin            | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endosulfan I        | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endosulfan II       | ND     |           | 46  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endosulfan sulfate  | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endrin              | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endrin aldehyde     | ND     |           | 34  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Endrin ketone       | ND     |           | 40  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| gamma-BHC (Lindane) | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Heptachlor          | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Heptachlor epoxide  | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Methoxychlor        | ND     |           | 130 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Toxaphene           | ND     |           | 660 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| trans-Chlordane     | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:06 | 20      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 89        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| Tetrachloro-m-xylene | 79        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 17:06 | 20      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-21**

**Lab Sample ID: 590-15446-15**

**Date Collected: 07/07/21 11:21**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.7**

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl (Surr) | 130       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 17:06 | 20      |
| DCB Decachlorobiphenyl (Surr) | 114       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 17:06 | 20      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.058 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 19:55 | 1       |

**Client Sample ID: SGC-070721-PH-22**

**Lab Sample ID: 590-15446-16**

**Date Collected: 07/07/21 11:25**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 86.9**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| 4,4'-DDE            | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| 4,4'-DDT            | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Aldrin              | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| alpha-BHC           | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| beta-BHC            | ND     |           | 11  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| cis-Chlordane       | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| delta-BHC           | ND     |           | 11  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Dieldrin            | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endosulfan I        | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endosulfan II       | ND     |           | 26  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endosulfan sulfate  | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endrin              | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endrin aldehyde     | ND     |           | 19  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Endrin ketone       | ND     |           | 23  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| gamma-BHC (Lindane) | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Heptachlor          | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Heptachlor epoxide  | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Methoxychlor        | ND     |           | 76  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Toxaphene           | ND     |           | 380 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| trans-Chlordane     | ND     |           | 9.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/14/21 10:54 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 3         | S1-       | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| Tetrachloro-m-xylene          | 4         | S1-       | 19 - 136 | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| DCB Decachlorobiphenyl (Surr) | 91        |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:54 | 10      |
| DCB Decachlorobiphenyl (Surr) | 73        |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 10:54 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.065 |     | mg/Kg | ☆ | 07/12/21 21:23 | 07/13/21 19:28 | 1       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-23

Lab Sample ID: 590-15446-17

Date Collected: 07/07/21 11:28

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.7

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| 4,4'-DDE            | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| 4,4'-DDT            | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Aldrin              | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| alpha-BHC           | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| beta-BHC            | ND     |           | 50   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| cis-Chlordane       | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| delta-BHC           | ND     |           | 50   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Dieldrin            | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endosulfan I        | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endosulfan II       | ND     |           | 120  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endosulfan sulfate  | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endrin              | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endrin aldehyde     | ND     |           | 86   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Endrin ketone       | ND     |           | 100  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| gamma-BHC (Lindane) | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Heptachlor          | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Heptachlor epoxide  | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Methoxychlor        | ND     |           | 340  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Toxaphene           | ND     |           | 1700 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| trans-Chlordane     | ND     |           | 42   |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 17:46 | 50      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 86        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| Tetrachloro-m-xylene          | 77        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| DCB Decachlorobiphenyl (Surr) | 120       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 17:46 | 50      |
| DCB Decachlorobiphenyl (Surr) | 103       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 17:46 | 50      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.060 |     | mg/Kg | ✱ | 07/12/21 21:23 | 07/13/21 19:44 | 1       |

Client Sample ID: SGC-070721-PH-24

Lab Sample ID: 590-15446-18

Date Collected: 07/07/21 11:34

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.0

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| 4,4'-DDE           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| 4,4'-DDT           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Aldrin             | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| alpha-BHC          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| beta-BHC           | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| cis-Chlordane      | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| delta-BHC          | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Dieldrin           | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Endosulfan I       | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Endosulfan II      | ND     |           | 23  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Endosulfan sulfate | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-24

Lab Sample ID: 590-15446-18

Date Collected: 07/07/21 11:34

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.0

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Endrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Heptachlor          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Heptachlor epoxide  | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Methoxychlor        | ND     |           | 68  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Toxaphene           | ND     |           | 330 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| trans-Chlordane     | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/14/21 11:14 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 85        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| Tetrachloro-m-xylene          | 75        |           | 19 - 136 | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| DCB Decachlorobiphenyl (Surr) | 121       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 11:14 | 10      |
| DCB Decachlorobiphenyl (Surr) | 104       |           | 46 - 152 | 07/12/21 16:10 | 07/14/21 11:14 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.060 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 18:46 | 1       |

Client Sample ID: SGC-070721-PH-25

Lab Sample ID: 590-15446-19

Date Collected: 07/07/21 11:39

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.6

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| 4,4'-DDE            | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| 4,4'-DDT            | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Aldrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| alpha-BHC           | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| beta-BHC            | ND     |           | 20  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| cis-Chlordane       | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| delta-BHC           | ND     |           | 20  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Dieldrin            | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endosulfan I        | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endosulfan II       | ND     |           | 46  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endosulfan sulfate  | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endrin              | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endrin aldehyde     | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Endrin ketone       | ND     |           | 40  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| gamma-BHC (Lindane) | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Heptachlor          | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Heptachlor epoxide  | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Methoxychlor        | ND     |           | 130 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Toxaphene           | ND     |           | 660 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| trans-Chlordane     | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:29 | 20      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 131       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| Tetrachloro-m-xylene | 108       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:29 | 20      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-25**

**Date Collected: 07/07/21 11:39**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-19**

**Matrix: Solid**

**Percent Solids: 98.6**

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl (Surr) | 153       | S1+       | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:29 | 20      |
| DCB Decachlorobiphenyl (Surr) | 145       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:29 | 20      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.057 |     | mg/Kg | ☆ | 07/12/21 21:23 | 07/13/21 19:33 | 1       |

**Client Sample ID: SGC-070721-PH-26**

**Date Collected: 07/07/21 12:02**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-20**

**Matrix: Solid**

**Percent Solids: 97.5**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| 4,4'-DDE            | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| 4,4'-DDT            | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Aldrin              | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| alpha-BHC           | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| beta-BHC            | ND     |           | 5.1 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| cis-Chlordane       | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| delta-BHC           | ND     |           | 5.1 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Dieldrin            | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endosulfan I        | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endosulfan II       | ND     |           | 12  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endosulfan sulfate  | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endrin              | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endrin aldehyde     | ND     |           | 8.7 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Endrin ketone       | ND     |           | 10  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| gamma-BHC (Lindane) | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Heptachlor          | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Heptachlor epoxide  | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Methoxychlor        | ND     |           | 34  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| trans-Chlordane     | ND     |           | 4.2 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 09:40 | 5       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 141       | S1+       | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| Tetrachloro-m-xylene          | 124       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| DCB Decachlorobiphenyl (Surr) | 155       | S1+       | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:40 | 5       |
| DCB Decachlorobiphenyl (Surr) | 154       | S1+       | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:40 | 5       |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.060 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 18:44 | 1       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-27

Lab Sample ID: 590-15446-21

Date Collected: 07/07/21 12:14

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.4

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| 4,4'-DDE            | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| 4,4'-DDT            | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Aldrin              | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| alpha-BHC           | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| beta-BHC            | ND     |           | 10  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| cis-Chlordane       | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| delta-BHC           | ND     |           | 10  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Dieldrin            | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endosulfan I        | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endosulfan II       | ND     |           | 23  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endosulfan sulfate  | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Heptachlor          | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Heptachlor epoxide  | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Methoxychlor        | ND     |           | 68  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Toxaphene           | ND     |           | 340 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| trans-Chlordane     | ND     |           | 8.5 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 09:52 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 117       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| Tetrachloro-m-xylene          | 96        |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| DCB Decachlorobiphenyl (Surr) | 140       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:52 | 10      |
| DCB Decachlorobiphenyl (Surr) | 136       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 09:52 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.058 |     | mg/Kg | ✱ | 07/12/21 21:23 | 07/13/21 19:30 | 1       |

Client Sample ID: SGC-070721-PH-28

Lab Sample ID: 590-15446-22

Date Collected: 07/07/21 12:15

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.8

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD           | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| 4,4'-DDE           | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| 4,4'-DDT           | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Aldrin             | ND     |           | 42  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| beta-BHC           | ND     |           | 50  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| cis-Chlordane      | ND     |           | 42  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| delta-BHC          | ND     |           | 50  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Dieldrin           | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Endosulfan I       | ND     |           | 42  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Endosulfan II      | ND     |           | 120 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Endosulfan sulfate | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Endrin             | ND     |           | 85  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-28

Lab Sample ID: 590-15446-22

Date Collected: 07/07/21 12:15

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.8

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Endrin aldehyde     | ND     |           | 85   |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Endrin ketone       | ND     |           | 100  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| gamma-BHC (Lindane) | ND     |           | 42   |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Heptachlor          | ND     |           | 42   |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Heptachlor epoxide  | ND     |           | 42   |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Methoxychlor        | ND     |           | 340  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Toxaphene           | ND     |           | 1700 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| trans-Chlordane     | ND     |           | 42   |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:03 | 50      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 131       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| Tetrachloro-m-xylene          | 106       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| DCB Decachlorobiphenyl (Surr) | 170       | S1+       | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:03 | 50      |
| DCB Decachlorobiphenyl (Surr) | 149       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:03 | 50      |

## Method: 8081B - Organochlorine Pesticides (GC) - DL

| Analyte   | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| alpha-BHC | 450    |           | 83 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 14:39 | 100     |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 132       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 14:39 | 100     |
| Tetrachloro-m-xylene          | 112       |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 14:39 | 100     |
| DCB Decachlorobiphenyl (Surr) | 165       | S1+       | 46 - 152 | 07/13/21 16:57 | 07/14/21 14:39 | 100     |
| DCB Decachlorobiphenyl (Surr) | 147       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 14:39 | 100     |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.057 |     | mg/Kg | ☆ | 07/12/21 21:23 | 07/13/21 19:42 | 1       |

Client Sample ID: SGC-070721-PH-29

Lab Sample ID: 590-15446-23

Date Collected: 07/07/21 12:30

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.1

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| 4,4'-DDE            | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| 4,4'-DDT            | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Aldrin              | ND     |           | 8.3 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| alpha-BHC           | ND     |           | 8.3 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| beta-BHC            | ND     |           | 10  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| cis-Chlordane       | ND     |           | 8.3 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| delta-BHC           | ND     |           | 10  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Dieldrin            | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endosulfan I        | ND     |           | 8.3 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endosulfan II       | ND     |           | 23  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endosulfan sulfate  | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endrin              | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.3 |     | ug/Kg | ☆ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-29

Lab Sample ID: 590-15446-23

Date Collected: 07/07/21 12:30

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Heptachlor         | ND     |           | 8.3 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Heptachlor epoxide | ND     |           | 8.3 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Methoxychlor       | ND     |           | 67  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Toxaphene          | ND     |           | 330 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| trans-Chlordane    | ND     |           | 8.3 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:14 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 91        |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| Tetrachloro-m-xylene          | 76        |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| DCB Decachlorobiphenyl (Surr) | 111       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:14 | 10      |
| DCB Decachlorobiphenyl (Surr) | 105       |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:14 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.060 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 19:57 | 1       |

Client Sample ID: SGC-070721-PH-30

Lab Sample ID: 590-15446-24

Date Collected: 07/07/21 12:31

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 98.6

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| 4,4'-DDE            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| 4,4'-DDT            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Aldrin              | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| alpha-BHC           | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| beta-BHC            | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| cis-Chlordane       | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| delta-BHC           | ND     |           | 5.1 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Dieldrin            | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endosulfan I        | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endosulfan II       | ND     |           | 12  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endosulfan sulfate  | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endrin              | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endrin aldehyde     | ND     |           | 8.6 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Endrin ketone       | ND     |           | 10  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| gamma-BHC (Lindane) | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Heptachlor          | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Heptachlor epoxide  | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Methoxychlor        | ND     |           | 34  |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Toxaphene           | ND     |           | 170 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| trans-Chlordane     | ND     |           | 4.2 |     | ug/Kg | ✱ | 07/13/21 16:57 | 07/14/21 10:25 | 5       |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 58        |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| Tetrachloro-m-xylene          | 49        |           | 19 - 136 | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| DCB Decachlorobiphenyl (Surr) | 70        |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:25 | 5       |
| DCB Decachlorobiphenyl (Surr) | 67        |           | 46 - 152 | 07/13/21 16:57 | 07/14/21 10:25 | 5       |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-30**

**Lab Sample ID: 590-15446-24**

**Date Collected: 07/07/21 12:31**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.6**

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.056 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 18:54 | 1       |

**Client Sample ID: SGC-070721-PH-31**

**Lab Sample ID: 590-15446-25**

**Date Collected: 07/07/21 13:03**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.2**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| 4,4'-DDE            | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| 4,4'-DDT            | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Aldrin              | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| alpha-BHC           | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| beta-BHC            | ND     |           | 10  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| cis-Chlordane       | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| delta-BHC           | ND     |           | 10  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Dieldrin            | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endosulfan I        | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endosulfan II       | ND     |           | 24  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endosulfan sulfate  | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endrin              | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endrin aldehyde     | ND     |           | 18  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Endrin ketone       | ND     |           | 21  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Heptachlor          | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Heptachlor epoxide  | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Methoxychlor        | ND     |           | 70  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Toxaphene           | ND     |           | 340 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| trans-Chlordane     | ND     |           | 8.6 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:26 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 88        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| Tetrachloro-m-xylene          | 79        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 118       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 18:26 | 10      |
| DCB Decachlorobiphenyl (Surr) | 100       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 18:26 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.061 |     | mg/Kg | ☆ | 07/12/21 05:02 | 07/12/21 18:48 | 1       |

**Client Sample ID: SGC-070721-PH-32**

**Lab Sample ID: 590-15446-26**

**Date Collected: 07/07/21 13:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.7**

## Method: 8081B - Organochlorine Pesticides (GC)

| Analyte   | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD  | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| 4,4'-DDE  | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| 4,4'-DDT  | ND     |           | 17  |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Aldrin    | ND     |           | 8.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| alpha-BHC | ND     |           | 8.4 |     | ug/Kg | ☆ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |

Eurofins TestAmerica, Spokane

# Client Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

Client Sample ID: SGC-070721-PH-32

Lab Sample ID: 590-15446-26

Date Collected: 07/07/21 13:15

Matrix: Solid

Date Received: 07/08/21 16:15

Percent Solids: 97.7

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| beta-BHC            | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| cis-Chlordane       | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| delta-BHC           | ND     |           | 10  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Dieldrin            | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endosulfan I        | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endosulfan II       | ND     |           | 23  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endosulfan sulfate  | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endrin              | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endrin aldehyde     | ND     |           | 17  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Endrin ketone       | ND     |           | 20  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| gamma-BHC (Lindane) | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Heptachlor          | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Heptachlor epoxide  | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Methoxychlor        | ND     |           | 68  |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Toxaphene           | ND     |           | 330 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| trans-Chlordane     | ND     |           | 8.4 |     | ug/Kg | ✱ | 07/12/21 16:10 | 07/13/21 18:46 | 10      |

| Surrogate                     | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 79        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| Tetrachloro-m-xylene          | 73        |           | 19 - 136 | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| DCB Decachlorobiphenyl (Surr) | 117       |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 18:46 | 10      |
| DCB Decachlorobiphenyl (Surr) | 96        |           | 46 - 152 | 07/12/21 16:10 | 07/13/21 18:46 | 10      |

## Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.060 |     | mg/Kg | ✱ | 07/12/21 05:02 | 07/12/21 18:42 | 1       |

# QC Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 410-147394/1-A

Matrix: Solid

Analysis Batch: 147579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 147394

| Analyte             | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| 4,4'-DDE            | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| 4,4'-DDT            | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Aldrin              | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| alpha-BHC           | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| beta-BHC            | ND        |              | 1.0  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| cis-Chlordane       | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| delta-BHC           | ND        |              | 1.0  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Dieldrin            | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endosulfan I        | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endosulfan II       | ND        |              | 2.3  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endosulfan sulfate  | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endrin              | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endrin aldehyde     | ND        |              | 1.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Endrin ketone       | ND        |              | 2.0  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| gamma-BHC (Lindane) | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Heptachlor          | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Heptachlor epoxide  | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Methoxychlor        | ND        |              | 6.7  |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Toxaphene           | ND        |              | 33   |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| trans-Chlordane     | ND        |              | 0.83 |     | ug/Kg |   | 07/12/21 16:10 | 07/13/21 08:10 | 1       |

| Surrogate                     | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 48           |              | 19 - 136 | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| Tetrachloro-m-xylene          | 48           |              | 19 - 136 | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| DCB Decachlorobiphenyl (Surr) | 81           |              | 46 - 152 | 07/12/21 16:10 | 07/13/21 08:10 | 1       |
| DCB Decachlorobiphenyl (Surr) | 77           |              | 46 - 152 | 07/12/21 16:10 | 07/13/21 08:10 | 1       |

Lab Sample ID: LCS 410-147394/2-A

Matrix: Solid

Analysis Batch: 147579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 147394

| Analyte            | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|--------------------|-------------|------------|---------------|-------|---|------|--------------|
| 4,4'-DDD           | 6.71        | 7.27       |               | ug/Kg |   | 108  | 69 - 138     |
| 4,4'-DDE           | 6.71        | 7.68       |               | ug/Kg |   | 114  | 68 - 146     |
| 4,4'-DDT           | 6.71        | 7.89       |               | ug/Kg |   | 118  | 67 - 135     |
| Aldrin             | 3.38        | 3.56       |               | ug/Kg |   | 106  | 60 - 117     |
| alpha-BHC          | 3.38        | 3.44       |               | ug/Kg |   | 102  | 65 - 124     |
| beta-BHC           | 3.33        | 3.27       |               | ug/Kg |   | 98   | 68 - 129     |
| cis-Chlordane      | 3.33        | 3.38       |               | ug/Kg |   | 101  | 73 - 131     |
| delta-BHC          | 3.33        | 3.54       |               | ug/Kg |   | 106  | 45 - 151     |
| Dieldrin           | 6.67        | 7.23       |               | ug/Kg |   | 108  | 63 - 126     |
| Endosulfan I       | 3.38        | 3.21       |               | ug/Kg |   | 95   | 62 - 119     |
| Endosulfan II      | 6.71        | 6.78       |               | ug/Kg |   | 101  | 65 - 126     |
| Endosulfan sulfate | 6.71        | 6.43       |               | ug/Kg |   | 96   | 71 - 132     |
| Endrin             | 6.67        | 7.21       |               | ug/Kg |   | 108  | 86 - 135     |
| Endrin aldehyde    | 6.71        | 6.60       |               | ug/Kg |   | 98   | 59 - 122     |
| Endrin ketone      | 6.67        | 6.96       |               | ug/Kg |   | 104  | 85 - 131     |

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# QC Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 410-147394/2-A

Matrix: Solid

Analysis Batch: 147579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 147394

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| gamma-BHC (Lindane) | 3.33        | 3.43       |               | ug/Kg |   | 103  | 68 - 133     |
| Heptachlor          | 3.38        | 3.46       |               | ug/Kg |   | 102  | 66 - 118     |
| Heptachlor epoxide  | 3.33        | 3.48       |               | ug/Kg |   | 104  | 74 - 128     |
| Methoxychlor        | 33.6        | 37.6       |               | ug/Kg |   | 112  | 88 - 145     |
| trans-Chlordane     | 3.33        | 3.44       |               | ug/Kg |   | 103  | 76 - 134     |

| Surrogate                     | LCS %Recovery | LCS Qualifier | Limits   |
|-------------------------------|---------------|---------------|----------|
| Tetrachloro-m-xylene          | 54            |               | 19 - 136 |
| Tetrachloro-m-xylene          | 54            |               | 19 - 136 |
| DCB Decachlorobiphenyl (Surr) | 97            |               | 46 - 152 |
| DCB Decachlorobiphenyl (Surr) | 99            |               | 46 - 152 |

Lab Sample ID: 590-15446-1 MS

Matrix: Solid

Analysis Batch: 147579

Client Sample ID: SGC-070721-PH-07

Prep Type: Total/NA

Prep Batch: 147394

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| 4,4'-DDD            | ND            | F1               | 6.91        | ND        |              | ug/Kg | ✖ | 110  | 69 - 138     |
| 4,4'-DDE            | ND            | F1               | 6.91        | ND        |              | ug/Kg | ✖ | 119  | 68 - 146     |
| 4,4'-DDT            | ND            | F2 F1            | 6.91        | ND        |              | ug/Kg | ✖ | 96   | 67 - 135     |
| Aldrin              | ND            | F1               | 3.48        | ND        |              | ug/Kg | ✖ | 116  | 60 - 117     |
| alpha-BHC           | ND            | F1               | 3.48        | ND        |              | ug/Kg | ✖ | 99   | 65 - 124     |
| beta-BHC            | ND            | F1               | 3.44        | ND        |              | ug/Kg | ✖ | 110  | 68 - 129     |
| cis-Chlordane       | ND            | F1               | 3.44        | ND        |              | ug/Kg | ✖ | 119  | 73 - 131     |
| delta-BHC           | ND            | F1               | 3.44        | ND        | F1           | ug/Kg | ✖ | 0    | 45 - 151     |
| Dieldrin            | ND            | F1               | 6.87        | ND        |              | ug/Kg | ✖ | 117  | 63 - 126     |
| Endosulfan I        | ND            | F2 F1            | 3.48        | ND        |              | ug/Kg | ✖ | 101  | 62 - 119     |
| Endosulfan II       | ND            | F1               | 6.91        | ND        |              | ug/Kg | ✖ | 111  | 65 - 126     |
| Endosulfan sulfate  | ND            | F1               | 6.91        | ND        |              | ug/Kg | ✖ | 107  | 71 - 132     |
| Endrin              | ND            | F1               | 6.87        | ND        |              | ug/Kg | ✖ | 113  | 86 - 135     |
| Endrin aldehyde     | ND            | F2 F1            | 6.91        | ND        |              | ug/Kg | ✖ | 106  | 59 - 122     |
| Endrin ketone       | ND            | F2 F1            | 6.87        | ND        |              | ug/Kg | ✖ | 104  | 85 - 131     |
| gamma-BHC (Lindane) | ND            | F1               | 3.44        | ND        |              | ug/Kg | ✖ | 106  | 68 - 133     |
| Heptachlor          | ND            | F1               | 3.48        | ND        |              | ug/Kg | ✖ | 110  | 66 - 118     |
| Heptachlor epoxide  | ND            | F1               | 3.44        | ND        |              | ug/Kg | ✖ | 123  | 74 - 128     |
| Methoxychlor        | ND            | F2 F1            | 34.7        | ND        |              | ug/Kg | ✖ | 101  | 88 - 145     |
| trans-Chlordane     | ND            | F1               | 3.44        | ND        |              | ug/Kg | ✖ | 122  | 76 - 134     |

| Surrogate                     | MS %Recovery | MS Qualifier | Limits   |
|-------------------------------|--------------|--------------|----------|
| Tetrachloro-m-xylene          | 94           |              | 19 - 136 |
| Tetrachloro-m-xylene          | 89           |              | 19 - 136 |
| DCB Decachlorobiphenyl (Surr) | 112          |              | 46 - 152 |
| DCB Decachlorobiphenyl (Surr) | 98           |              | 46 - 152 |

# QC Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 590-15446-1 MSD

Matrix: Solid

Analysis Batch: 147579

Client Sample ID: SGC-070721-PH-07

Prep Type: Total/NA

Prep Batch: 147394

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| 4,4'-DDD            | ND            | F1               | 6.89        | 11.2       | F1            | ug/Kg | ✱ | 163  | 69 - 138     | 38  | 50        |
| 4,4'-DDE            | ND            | F1               | 6.89        | 11.0       | F1            | ug/Kg | ✱ | 159  | 68 - 146     | 29  | 50        |
| 4,4'-DDT            | ND            | F2 F1            | 6.89        | 12.4       | F1 F2         | ug/Kg | ✱ | 181  | 67 - 135     | 61  | 50        |
| Aldrin              | ND            | F1               | 3.47        | 5.43       | F1            | ug/Kg | ✱ | 157  | 60 - 117     | 29  | 50        |
| alpha-BHC           | ND            | F1               | 3.47        | 6.25       | F1 F2         | ug/Kg | ✱ | 180  | 65 - 124     | 58  | 50        |
| beta-BHC            | ND            | F1               | 3.42        | 6.46       | F1 F2         | ug/Kg | ✱ | 189  | 68 - 129     | 53  | 50        |
| cis-Chlordane       | ND            | F1               | 3.42        | 5.79       | F1            | ug/Kg | ✱ | 169  | 73 - 131     | 35  | 50        |
| delta-BHC           | ND            | F1               | 3.42        | 5.18       | p             | ug/Kg | ✱ | 151  | 45 - 151     | NC  | 50        |
| Dieldrin            | ND            | F1               | 6.85        | 10.9       | F1            | ug/Kg | ✱ | 160  | 63 - 126     | 31  | 50        |
| Endosulfan I        | ND            | F2 F1            | 3.47        | ND         |               | ug/Kg | ✱ | 111  | 62 - 119     | 9   | 50        |
| Endosulfan II       | ND            | F1               | 6.89        | ND         | F1            | ug/Kg | ✱ | 155  | 65 - 126     | 32  | 50        |
| Endosulfan sulfate  | ND            | F1               | 6.89        | 10.5       | F1            | ug/Kg | ✱ | 152  | 71 - 132     | 34  | 50        |
| Endrin              | ND            | F1               | 6.85        | 11.5       | F1            | ug/Kg | ✱ | 168  | 86 - 135     | 39  | 50        |
| Endrin aldehyde     | ND            | F2 F1            | 6.89        | 10.6       | F1 F2         | ug/Kg | ✱ | 153  | 59 - 122     | 37  | 35        |
| Endrin ketone       | ND            | F2 F1            | 6.85        | ND         | F1            | ug/Kg | ✱ | 143  | 85 - 131     | 31  | 50        |
| gamma-BHC (Lindane) | ND            | F1               | 3.42        | 5.88       | F1            | ug/Kg | ✱ | 172  | 68 - 133     | 47  | 50        |
| Heptachlor          | ND            | F1               | 3.47        | 5.44       | F1            | ug/Kg | ✱ | 157  | 66 - 118     | 35  | 50        |
| Heptachlor epoxide  | ND            | F1               | 3.42        | 5.89       | F1            | ug/Kg | ✱ | 172  | 74 - 128     | 33  | 50        |
| Methoxychlor        | ND            | F2 F1            | 34.5        | 60.0       | F1 F2         | ug/Kg | ✱ | 174  | 88 - 145     | 53  | 50        |
| trans-Chlordane     | ND            | F1               | 3.42        | 5.65       | F1            | ug/Kg | ✱ | 165  | 76 - 134     | 29  | 50        |

| Surrogate                     | MSD %Recovery | MSD Qualifier | Limits   |
|-------------------------------|---------------|---------------|----------|
| Tetrachloro-m-xylene          | 123           |               | 19 - 136 |
| Tetrachloro-m-xylene          | 150           | S1+           | 19 - 136 |
| DCB Decachlorobiphenyl (Surr) | 154           | S1+           | 46 - 152 |
| DCB Decachlorobiphenyl (Surr) | 139           |               | 46 - 152 |

Lab Sample ID: MB 410-147951/1-A

Matrix: Solid

Analysis Batch: 148120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 147951

| Analyte             | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| 4,4'-DDD            | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| 4,4'-DDE            | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| 4,4'-DDT            | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Aldrin              | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| alpha-BHC           | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| beta-BHC            | ND        |              | 1.0  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| cis-Chlordane       | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| delta-BHC           | ND        |              | 1.0  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Dieldrin            | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endosulfan I        | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endosulfan II       | ND        |              | 2.3  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endosulfan sulfate  | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endrin              | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endrin aldehyde     | ND        |              | 1.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Endrin ketone       | ND        |              | 2.0  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| gamma-BHC (Lindane) | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |

Eurofins TestAmerica, Spokane

# QC Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 410-147951/1-A

Matrix: Solid

Analysis Batch: 148120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 147951

| Analyte            | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| Heptachlor         | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Heptachlor epoxide | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Methoxychlor       | ND        |              | 6.7  |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Toxaphene          | ND        |              | 33   |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| trans-Chlordane    | ND        |              | 0.83 |     | ug/Kg |   | 07/13/21 16:56 | 07/14/21 07:59 | 1       |

| Surrogate                     | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene          | 49           |              | 19 - 136 | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| Tetrachloro-m-xylene          | 45           |              | 19 - 136 | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| DCB Decachlorobiphenyl (Surr) | 111          |              | 46 - 152 | 07/13/21 16:56 | 07/14/21 07:59 | 1       |
| DCB Decachlorobiphenyl (Surr) | 112          |              | 46 - 152 | 07/13/21 16:56 | 07/14/21 07:59 | 1       |

Lab Sample ID: LCS 410-147951/2-A

Matrix: Solid

Analysis Batch: 148120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 147951

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | Limits   |
|---------------------|-------------|------------|---------------|-------|---|------|----------|
| 4,4'-DDD            | 6.71        | 7.97       |               | ug/Kg |   | 119  | 69 - 138 |
| 4,4'-DDE            | 6.71        | 7.68       |               | ug/Kg |   | 114  | 68 - 146 |
| 4,4'-DDT            | 6.71        | 6.92       |               | ug/Kg |   | 103  | 67 - 135 |
| Aldrin              | 3.38        | 3.81       |               | ug/Kg |   | 113  | 60 - 117 |
| alpha-BHC           | 3.38        | 3.90       |               | ug/Kg |   | 116  | 65 - 124 |
| beta-BHC            | 3.33        | 3.44       |               | ug/Kg |   | 103  | 68 - 129 |
| cis-Chlordane       | 3.33        | 3.56       |               | ug/Kg |   | 107  | 73 - 131 |
| delta-BHC           | 3.33        | 3.91       |               | ug/Kg |   | 117  | 45 - 151 |
| Dieldrin            | 6.67        | 7.69       |               | ug/Kg |   | 115  | 63 - 126 |
| Endosulfan I        | 3.38        | 3.44       |               | ug/Kg |   | 102  | 62 - 119 |
| Endosulfan II       | 6.71        | 6.93       |               | ug/Kg |   | 103  | 65 - 126 |
| Endosulfan sulfate  | 6.71        | 6.65       |               | ug/Kg |   | 99   | 71 - 132 |
| Endrin              | 6.67        | 7.31       |               | ug/Kg |   | 110  | 86 - 135 |
| Endrin aldehyde     | 6.71        | 6.20       |               | ug/Kg |   | 92   | 59 - 122 |
| Endrin ketone       | 6.67        | 6.86       |               | ug/Kg |   | 103  | 85 - 131 |
| gamma-BHC (Lindane) | 3.33        | 3.82       |               | ug/Kg |   | 115  | 68 - 133 |
| Heptachlor          | 3.38        | 3.57       |               | ug/Kg |   | 106  | 66 - 118 |
| Heptachlor epoxide  | 3.33        | 3.66       |               | ug/Kg |   | 110  | 74 - 128 |
| Methoxychlor        | 33.6        | 35.1       |               | ug/Kg |   | 104  | 88 - 145 |
| trans-Chlordane     | 3.33        | 3.78       |               | ug/Kg |   | 113  | 76 - 134 |

| Surrogate                     | LCS %Recovery | LCS Qualifier | Limits   |
|-------------------------------|---------------|---------------|----------|
| Tetrachloro-m-xylene          | 59            |               | 19 - 136 |
| Tetrachloro-m-xylene          | 53            |               | 19 - 136 |
| DCB Decachlorobiphenyl (Surr) | 120           |               | 46 - 152 |
| DCB Decachlorobiphenyl (Surr) | 121           |               | 46 - 152 |

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# QC Sample Results

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-147118/1-A

Matrix: Solid

Analysis Batch: 147501

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 147118

| Analyte | MB<br>Result | MB<br>Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND           |                 | 0.060 |     | mg/Kg |   | 07/12/21 05:02 | 07/12/21 18:24 | 1       |

Lab Sample ID: LCS 410-147118/2-A

Matrix: Solid

Analysis Batch: 147501

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 147118

| Analyte | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|---------|----------------|---------------|------------------|-------|---|------|-----------------|
| Mercury | 0.167          | 0.181         |                  | mg/Kg |   | 109  | 80 - 120        |

Lab Sample ID: 590-15446-4 MS

Matrix: Solid

Analysis Batch: 147501

Client Sample ID: SGC-070721-PH-10

Prep Type: Total/NA

Prep Batch: 147118

| Analyte | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|
| Mercury | 0.14             | F1                  | 0.172          | 0.359        | F1              | mg/Kg | ✱ | 124  | 80 - 120        |

Lab Sample ID: 590-15446-4 MSD

Matrix: Solid

Analysis Batch: 147501

Client Sample ID: SGC-070721-PH-10

Prep Type: Total/NA

Prep Batch: 147118

| Analyte | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits | RPD | RPD<br>Limit |
|---------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Mercury | 0.14             | F1                  | 0.169          | 0.360         | F1               | mg/Kg | ✱ | 127  | 80 - 120        | 0   | 20           |

Lab Sample ID: 590-15446-4 DU

Matrix: Solid

Analysis Batch: 147501

Client Sample ID: SGC-070721-PH-10

Prep Type: Total/NA

Prep Batch: 147118

| Analyte | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit  | D | RPD | RPD<br>Limit |
|---------|------------------|---------------------|--------------|-----------------|-------|---|-----|--------------|
| Mercury | 0.14             | F1                  | 0.146        |                 | mg/Kg | ✱ | 1   | 20           |

Lab Sample ID: MB 410-147494/1-A

Matrix: Solid

Analysis Batch: 148027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 147494

| Analyte | MB<br>Result | MB<br>Qualifier | RL    | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|-------|-----|-------|---|----------------|----------------|---------|
| Mercury | ND           |                 | 0.060 |     | mg/Kg |   | 07/12/21 21:23 | 07/13/21 18:09 | 1       |

Lab Sample ID: LCS 410-147494/2-A

Matrix: Solid

Analysis Batch: 148027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 147494

| Analyte | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec.<br>Limits |
|---------|----------------|---------------|------------------|-------|---|------|-----------------|
| Mercury | 0.167          | 0.182         |                  | mg/Kg |   | 109  | 80 - 120        |

# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-07**

**Lab Sample ID: 590-15446-1**

**Date Collected: 07/07/21 09:13**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-07**

**Lab Sample ID: 590-15446-1**

**Date Collected: 07/07/21 09:13**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.10 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 147579       | 07/13/21 10:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.60 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:50       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-08**

**Lab Sample ID: 590-15446-2**

**Date Collected: 07/07/21 09:25**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-08**

**Lab Sample ID: 590-15446-2**

**Date Collected: 07/07/21 09:25**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.00 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 250        |                |              | 147579       | 07/13/21 10:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 25         |                |              | 147501       | 07/12/21 19:36       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-09**

**Lab Sample ID: 590-15446-3**

**Date Collected: 07/07/21 09:33**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-09**

**Lab Sample ID: 590-15446-3**

**Date Collected: 07/07/21 09:33**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.44 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 25         |                |              | 148118       | 07/14/21 09:54       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:52       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-10**

**Lab Sample ID: 590-15446-4**

**Date Collected: 07/07/21 09:45**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-10**

**Lab Sample ID: 590-15446-4**

**Date Collected: 07/07/21 09:45**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.15 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 100        |                |              | 147579       | 07/13/21 11:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.60 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:28       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-11**

**Lab Sample ID: 590-15446-5**

**Date Collected: 07/07/21 09:52**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-11**

**Lab Sample ID: 590-15446-5**

**Date Collected: 07/07/21 09:52**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.9**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.47 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 147579       | 07/13/21 11:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:04       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-12**

**Lab Sample ID: 590-15446-6**

**Date Collected: 07/07/21 10:14**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-12**

**Lab Sample ID: 590-15446-6**

**Date Collected: 07/07/21 10:14**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.31 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 147579       | 07/13/21 12:06       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:40       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-13**

**Date Collected: 07/07/21 10:18**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-7**

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-13**

**Date Collected: 07/07/21 10:18**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-7**

**Matrix: Solid**

**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.01 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 147579       | 07/13/21 12:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:00       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-14**

**Date Collected: 07/07/21 10:33**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-8**

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-14**

**Date Collected: 07/07/21 10:33**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-8**

**Matrix: Solid**

**Percent Solids: 98.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.42 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 25         |                |              | 148118       | 07/14/21 10:14       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:53       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-15**

**Date Collected: 07/07/21 10:45**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-9**

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-15**

**Date Collected: 07/07/21 10:45**

**Date Received: 07/08/21 16:15**

**Lab Sample ID: 590-15446-9**

**Matrix: Solid**

**Percent Solids: 96.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.10 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 25         |                |              | 148118       | 07/14/21 10:34       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:02       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-16**

**Lab Sample ID: 590-15446-10**

**Date Collected: 07/07/21 10:46**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-16**

**Lab Sample ID: 590-15446-10**

**Date Collected: 07/07/21 10:46**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.2**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.22 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 147579       | 07/13/21 13:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.62 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:43       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-17**

**Lab Sample ID: 590-15446-11**

**Date Collected: 07/07/21 10:52**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-17**

**Lab Sample ID: 590-15446-11**

**Date Collected: 07/07/21 10:52**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.23 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 50         |                |              | 147579       | 07/13/21 15:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 25         |                |              | 147501       | 07/12/21 19:38       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-18**

**Lab Sample ID: 590-15446-12**

**Date Collected: 07/07/21 10:59**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-18**

**Lab Sample ID: 590-15446-12**

**Date Collected: 07/07/21 10:59**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 99.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.22 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 20         |                |              | 147579       | 07/13/21 16:06       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:45       | UEFS    | ELLE |

Eurofins TestAmerica, Spokane

# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-19**

**Lab Sample ID: 590-15446-13**

**Date Collected: 07/07/21 11:03**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-19**

**Lab Sample ID: 590-15446-13**

**Date Collected: 07/07/21 11:03**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.32 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 147579       | 07/13/21 16:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.65 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:51       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-20**

**Lab Sample ID: 590-15446-14**

**Date Collected: 07/07/21 11:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-20**

**Lab Sample ID: 590-15446-14**

**Date Collected: 07/07/21 11:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.33 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 50         |                |              | 147579       | 07/13/21 16:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 2.5        |                |              | 148027       | 07/13/21 19:40       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-21**

**Lab Sample ID: 590-15446-15**

**Date Collected: 07/07/21 11:21**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-21**

**Lab Sample ID: 590-15446-15**

**Date Collected: 07/07/21 11:21**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.16 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 20         |                |              | 147579       | 07/13/21 17:06       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.63 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:55       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-22**

**Lab Sample ID: 590-15446-16**

**Date Collected: 07/07/21 11:25**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-22**

**Lab Sample ID: 590-15446-16**

**Date Collected: 07/07/21 11:25**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 86.9**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.31 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 148118       | 07/14/21 10:54       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 148027       | 07/13/21 19:28       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-23**

**Lab Sample ID: 590-15446-17**

**Date Collected: 07/07/21 11:28**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-23**

**Lab Sample ID: 590-15446-17**

**Date Collected: 07/07/21 11:28**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.10 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 50         |                |              | 147579       | 07/13/21 17:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 148027       | 07/13/21 19:44       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-24**

**Lab Sample ID: 590-15446-18**

**Date Collected: 07/07/21 11:34**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-24**

**Lab Sample ID: 590-15446-18**

**Date Collected: 07/07/21 11:34**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.37 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 148118       | 07/14/21 11:14       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:46       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-25**

**Lab Sample ID: 590-15446-19**

**Date Collected: 07/07/21 11:39**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-25**

**Lab Sample ID: 590-15446-19**

**Date Collected: 07/07/21 11:39**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.40 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 20         |                |              | 148120       | 07/14/21 09:29       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 148027       | 07/13/21 19:33       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-26**

**Lab Sample ID: 590-15446-20**

**Date Collected: 07/07/21 12:02**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147087       | 07/11/21 14:51       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-26**

**Lab Sample ID: 590-15446-20**

**Date Collected: 07/07/21 12:02**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.11 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 148120       | 07/14/21 09:40       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.62 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:44       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-27**

**Lab Sample ID: 590-15446-21**

**Date Collected: 07/07/21 12:14**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-27**

**Lab Sample ID: 590-15446-21**

**Date Collected: 07/07/21 12:14**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.20 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 148120       | 07/14/21 09:52       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 148027       | 07/13/21 19:30       | UEFS    | ELLE |

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# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-28**

**Lab Sample ID: 590-15446-22**

**Date Collected: 07/07/21 12:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-28**

**Lab Sample ID: 590-15446-22**

**Date Collected: 07/07/21 12:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.8**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.23 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 50         |                |              | 148120       | 07/14/21 10:03       | WN7O    | ELLE |
| Total/NA  | Prep       | 3546         | DL  |            | 30.23 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        | DL  | 100        |                |              | 148120       | 07/14/21 14:39       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.64 g         | 100 mL       | 147494       | 07/12/21 21:23       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 148027       | 07/13/21 19:42       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-29**

**Lab Sample ID: 590-15446-23**

**Date Collected: 07/07/21 12:30**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-29**

**Lab Sample ID: 590-15446-23**

**Date Collected: 07/07/21 12:30**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.40 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 148120       | 07/14/21 10:14       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 19:57       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-30**

**Lab Sample ID: 590-15446-24**

**Date Collected: 07/07/21 12:31**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-30**

**Lab Sample ID: 590-15446-24**

**Date Collected: 07/07/21 12:31**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.07 g        | 10.0 mL      | 147951       | 07/13/21 16:57       | D7SW    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 5          |                |              | 148120       | 07/14/21 10:25       | WN7O    | ELLE |

Eurofins TestAmerica, Spokane

# Lab Chronicle

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

**Client Sample ID: SGC-070721-PH-30**

**Lab Sample ID: 590-15446-24**

**Date Collected: 07/07/21 12:31**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 98.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 7471B        |     |            | 0.65 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:54       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-31**

**Lab Sample ID: 590-15446-25**

**Date Collected: 07/07/21 13:03**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-31**

**Lab Sample ID: 590-15446-25**

**Date Collected: 07/07/21 13:03**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 96.2**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.05 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 147579       | 07/13/21 18:26       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:48       | UEFS    | ELLE |

**Client Sample ID: SGC-070721-PH-32**

**Lab Sample ID: 590-15446-26**

**Date Collected: 07/07/21 13:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 147099       | 07/11/21 15:32       | OEL4    | ELLE |

**Client Sample ID: SGC-070721-PH-32**

**Lab Sample ID: 590-15446-26**

**Date Collected: 07/07/21 13:15**

**Matrix: Solid**

**Date Received: 07/08/21 16:15**

**Percent Solids: 97.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab  |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|------|
| Total/NA  | Prep       | 3546         |     |            | 30.34 g        | 10.0 mL      | 147394       | 07/12/21 16:10       | FTV5    | ELLE |
| Total/NA  | Analysis   | 8081B        |     | 10         |                |              | 147579       | 07/13/21 18:46       | WN7O    | ELLE |
| Total/NA  | Prep       | 7471B        |     |            | 0.61 g         | 100 mL       | 147118       | 07/12/21 05:02       | UAMX    | ELLE |
| Total/NA  | Analysis   | 7471B        |     | 1          |                |              | 147501       | 07/12/21 18:42       | UEFS    | ELLE |

## Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority                         | Program               | Identification Number | Expiration Date |
|-----------------------------------|-----------------------|-----------------------|-----------------|
| A2LA                              | Dept. of Defense ELAP | 1.01                  | 11-30-22        |
| Alaska                            | State                 | PA00009               | 06-30-22        |
| Alaska (UST)                      | State                 | 17-027                | 02-28-22        |
| Arizona                           | State                 | AZ0780                | 03-12-22        |
| Arkansas DEQ                      | State                 | 19-053-0              | 08-09-21        |
| California                        | State                 | 2792                  | 02-02-22        |
| Colorado                          | State                 | PA00009               | 07-30-21        |
| Connecticut                       | State                 | PH-0746               | 07-30-21        |
| DE Haz. Subst. Cleanup Act (HSCA) | State                 | 019-006 (PA cert)     | 01-31-22        |
| Delaware (DW)                     | State                 | N/A                   | 02-01-22        |
| Florida                           | NELAP                 | E87997                | 06-30-22        |
| Hawaii                            | State                 | N/A                   | 01-31-22        |
| Illinois                          | NELAP                 | 004559                | 01-31-22        |
| Iowa                              | State                 | 361                   | 03-02-22        |
| Kansas                            | NELAP                 | E-10151               | 10-31-21        |
| Kentucky (DW)                     | State                 | KY90088               | 01-01-22        |
| Kentucky (UST)                    | State                 | 1.01                  | 11-30-22        |
| Kentucky (WW)                     | State                 | KY90088               | 12-31-21        |
| Louisiana                         | NELAP                 | 02055                 | 06-30-22        |
| Maine                             | State                 | 2019012               | 03-12-22        |
| Maryland                          | State                 | 100                   | 06-30-22        |
| Massachusetts                     | State                 | M-PA009               | 06-30-22        |
| Michigan                          | State                 | 9930                  | 01-31-22        |
| Minnesota                         | NELAP                 | 042-999-487           | 12-31-21        |
| Missouri                          | State                 | 450                   | 01-31-22        |
| Montana (DW)                      | State                 | 0098                  | 01-01-22        |
| Montana (UST)                     | State                 | 0098                  | 01-01-22        |
| Nebraska                          | State                 | NE-OS-32-17           | 01-31-22        |
| Nevada                            | State                 | PA000092019-3         | 07-31-21        |
| New Hampshire                     | NELAP                 | 273019                | 01-10-22        |
| New Jersey                        | NELAP                 | PA011                 | 06-30-22        |
| New York                          | NELAP                 | 10670                 | 04-01-22        |
| North Carolina (DW)               | State                 | 42705                 | 07-31-21        |
| North Carolina (WW/SW)            | State                 | 521                   | 12-31-21        |
| North Dakota                      | State                 | R-205                 | 01-31-22        |
| Oklahoma                          | NELAP                 | R-205                 | 08-31-21        |
| Oregon                            | NELAP                 | PA200001-018          | 09-12-21        |
| PALA                              | Canada                | 1978                  | 09-16-24        |
| Pennsylvania                      | NELAP                 | 36-00037              | 01-31-22        |
| Rhode Island                      | State                 | LAO00338              | 01-31-22        |
| South Carolina                    | State                 | 89002002              | 01-31-22        |
| Tennessee                         | State                 | 02838                 | 01-31-22        |
| Texas                             | NELAP                 | T104704194-20-38      | 08-31-21        |
| Utah                              | NELAP                 | PA000092019-16        | 03-01-22        |
| Vermont                           | State                 | VT - 36037            | 10-29-21        |
| Virginia                          | NELAP                 | 10561                 | 06-14-22        |
| Washington                        | State                 | C457                  | 04-12-22        |
| West Virginia (DW)                | State                 | 9906 C                | 12-31-21        |
| West Virginia DEP                 | State                 | 055                   | 09-30-22        |
| Wyoming                           | State                 | 8TMS-L                | 01-31-22        |

Eurofins TestAmerica, Spokane

## Accreditation/Certification Summary

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

### Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority     | Program | Identification Number | Expiration Date |
|---------------|---------|-----------------------|-----------------|
| Wyoming (UST) | A2LA    | 1.01                  | 11-30-22        |

# Method Summary

Client: Fulcrum Environmental  
Project/Site: Kinney Sundance General Consulting

Job ID: 590-15446-1

| Method   | Method Description             | Protocol | Laboratory |
|----------|--------------------------------|----------|------------|
| 8081B    | Organochlorine Pesticides (GC) | SW846    | ELLE       |
| 7471B    | Mercury (CVAA)                 | SW846    | ELLE       |
| Moisture | Percent Moisture               | EPA      | ELLE       |
| 3546     | Microwave Extraction           | SW846    | ELLE       |
| 7471B    | Preparation, Mercury           | SW846    | ELLE       |

## Protocol References:

EPA = US Environmental Protection Agency

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

## Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Chain of Custody Record

|                                                                                                                                                                                                                                      |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------|----------------------|--|--|
| <b>Client Contact</b>                                                                                                                                                                                                                |  | <b>Project Manager:</b>                                                                                                                  |                    | <b>Site Contact:</b>                                                                                                                                         |                                                                                                                                                                                                                                                | <b>Date:</b>             |                               | <b>COC No:</b>       |  |  |
| Fulcrum Environmental Consulting, Inc.                                                                                                                                                                                               |  | Tel/Fax:                                                                                                                                 |                    | Lab Contact:                                                                                                                                                 |                                                                                                                                                                                                                                                | Carrier:                 |                               | 2 of 3 COCs          |  |  |
| 207 West Boone Avenue                                                                                                                                                                                                                |  | <b>Analysis Turnaround Time</b>                                                                                                          |                    | <div style="writing-mode: vertical-rl; transform: rotate(180deg);">                     Sample: organochlorine pesticides<br/>Mercury                 </div> |                                                                                                                                                                                                                                                |                          |                               | Job No.              |  |  |
| Spokane, WA 99201                                                                                                                                                                                                                    |  | Calendar (C) or Work Days (W)                                                                                                            |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               | SDG No.              |  |  |
| (509) 459-9220 Phone                                                                                                                                                                                                                 |  | TAT if different from Below 3 Day                                                                                                        |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| (509) 459-9219 FAX                                                                                                                                                                                                                   |  | <input type="checkbox"/> 2 weeks<br><input type="checkbox"/> 1 week<br><input type="checkbox"/> 2 days<br><input type="checkbox"/> 1 day |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| Project Name:                                                                                                                                                                                                                        |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| Site:                                                                                                                                                                                                                                |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| P O # 192860.03                                                                                                                                                                                                                      |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| <b>Sample Identification</b>                                                                                                                                                                                                         |  | <b>Sample Date</b>                                                                                                                       | <b>Sample Time</b> | <b>Sample Type</b>                                                                                                                                           | <b>Matrix</b>                                                                                                                                                                                                                                  | <b># of Cont.</b>        | <b>Sample Specific Notes:</b> |                      |  |  |
| SLC-070721-PH-A                                                                                                                                                                                                                      |  | 7/7/21                                                                                                                                   | 1103               | S                                                                                                                                                            | S                                                                                                                                                                                                                                              | 1                        |                               |                      |  |  |
| -20                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1115               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -21                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1121               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -22                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1128               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -23                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1128               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -24                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1134               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -25                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1139               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -26                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1202               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -27                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1214               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -28                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1215               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -29                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1230               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| -30                                                                                                                                                                                                                                  |  |                                                                                                                                          | 1231               |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| <b>Preservation Used:</b> 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other                                                                                                                                                         |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| <b>Possible Hazard Identification</b><br><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown |  |                                                                                                                                          |                    |                                                                                                                                                              | <b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b><br><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |                          |                               |                      |  |  |
| <b>Special Instructions/QC Requirements &amp; Comments:</b>                                                                                                                                                                          |  |                                                                                                                                          |                    |                                                                                                                                                              |                                                                                                                                                                                                                                                |                          |                               |                      |  |  |
| Relinquished by: Scott Shoat                                                                                                                                                                                                         |  | Company: Fulcrum                                                                                                                         |                    | Date/Time: 7/9/21 @ 1615                                                                                                                                     |                                                                                                                                                                                                                                                | Received by: [Signature] |                               | Company: STA Spokane |  |  |
| Relinquished by:                                                                                                                                                                                                                     |  | Company:                                                                                                                                 |                    | Date/Time:                                                                                                                                                   |                                                                                                                                                                                                                                                | Received by:             |                               | Company:             |  |  |
| Relinquished by:                                                                                                                                                                                                                     |  | Company:                                                                                                                                 |                    | Date/Time:                                                                                                                                                   |                                                                                                                                                                                                                                                | Received by:             |                               | Company:             |  |  |



## Chain of Custody Record



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------|--|-----------------------------------------|--|------------------------------|--|----------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|--------------------------------|--|--------------------------|--|----------------------------|--|----------------------------|--|----------------------------|--|
| <b>Client Information (Sub Contract Lab)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | Lab PM: Arrington, Randee E                                    |  | Carrier Tracking No(s):                 |  | COC No: 590-6122.1           |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Client Contact: Shipping/Receiving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | Phone:                                                         |  | E-Mail: Randee.Arrington@Eurofinset.com |  | State of Origin: Washington  |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Company: Eurofins Lancaster Laboratories Environm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | Accreditations Required (See note): State Program - Washington |  |                                         |  | Page: Page 1 of 3            |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Address: 2425 New Holland Pike,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Due Date Requested: 7/14/2021                                  |  | Job #: 590-15446-1                      |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| City: Lancaster                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | TAT Requested (days):                                          |  | Preservation Codes:                     |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| State, Zip: PA, 17601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | PO #:                                                          |  | A - HCL M - Hexane                      |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Phone: 717-656-2300(Tel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | WO #:                                                          |  | B - NaOH N - None                       |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Email:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  | Project #: 59001922                                            |  | C - Zn Acetate O - AsNaO2               |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Project Name: Kinney Sundance General Consulting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | SSOW#:                                                         |  | D - Nitric Acid P - Na2O4S              |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Site:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | Field Filtered Sample (Yes or No)                              |  | E - NaHSO4 Q - Na2SO3                   |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Perform MS/MSD (Yes or No)                                     |  | F - MeOH R - Na2S2O3                    |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 8081B/3546 Standard 8081B list                                 |  | G - Amchlor S - H2SO4                   |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 7471B/7471B_Prep Mercury                                       |  | H - Ascorbic Acid T - TSP Dodecahydrate |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Moisture/ Percent Moisture                                     |  | I - Ice U - Acetone                     |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  | J - DI Water V - MCAA                   |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  | K - EDTA W - pH 4-5                     |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  | L - EDTA Z - other (specify)            |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  | Other:                                  |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Sample Identification - Client ID (Lab ID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 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) |  | 8081B/3546 Standard 8081B list |  | 7471B/7471B_Prep Mercury |  | Moisture/ Percent Moisture |  | Total Number of containers |  | Special Instructions/Note: |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  |                                         |  | Preservation Code:           |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| SGC-070721-PH-07 (590-15446-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 09:13 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-08 (590-15446-2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 09:25 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-09 (590-15446-3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 09:33 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-10 (590-15446-4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 09:45 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-11 (590-15446-5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 09:52 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-12 (590-15446-6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 10:14 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-13 (590-15446-7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 10:18 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-14 (590-15446-8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 10:33 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| SGC-070721-PH-15 (590-15446-9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 7/7/21                                                         |  | 10:45 Pacific                           |  |                              |  | Solid                                                    |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  | 1                          |  |
| Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica. |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  |                                                                                                                                      |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Possible Hazard Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)                                                 |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Unconfirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Primary Deliverable Rank: 2                                                                                                          |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Special Instructions/QC Requirements:                                                                                                |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Date:                                                                                                                                |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Relinquished by: <u>Jana Arrington</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Date/Time: <u>7/9/21 1435</u>                                                                                                        |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Date/Time: _____                                                                                                                     |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Relinquished by: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Date/Time: _____                                                                                                                     |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Custody Seal No.:                                                                                                                    |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                |  |                                         |  |                              |  |                                                          |  | Cooler Temperature(s) °C and Other Remarks: <u>4.7</u>                                                                               |  |                            |  |                                |  |                          |  |                            |  |                            |  |                            |  |

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America

7/16/2021

## Login Sample Receipt Checklist

Client: Fulcrum Environmental

Job Number: 590-15446-1

Login Number: 15446

List Number: 1

Creator: Arrington, Randee E

List Source: Eurofins TestAmerica, Spokane

| Question                                                                                 | Answer | Comment                                  |
|------------------------------------------------------------------------------------------|--------|------------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact.                                        | N/A    |                                          |
| Sample custody seals, if present, are intact.                                            | N/A    |                                          |
| 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?                                              | N/A    | Not requested on COC.                    |
| 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.                                                            | N/A    |                                          |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |                                          |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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

Job Number: 590-15446-1

Login Number: 15446

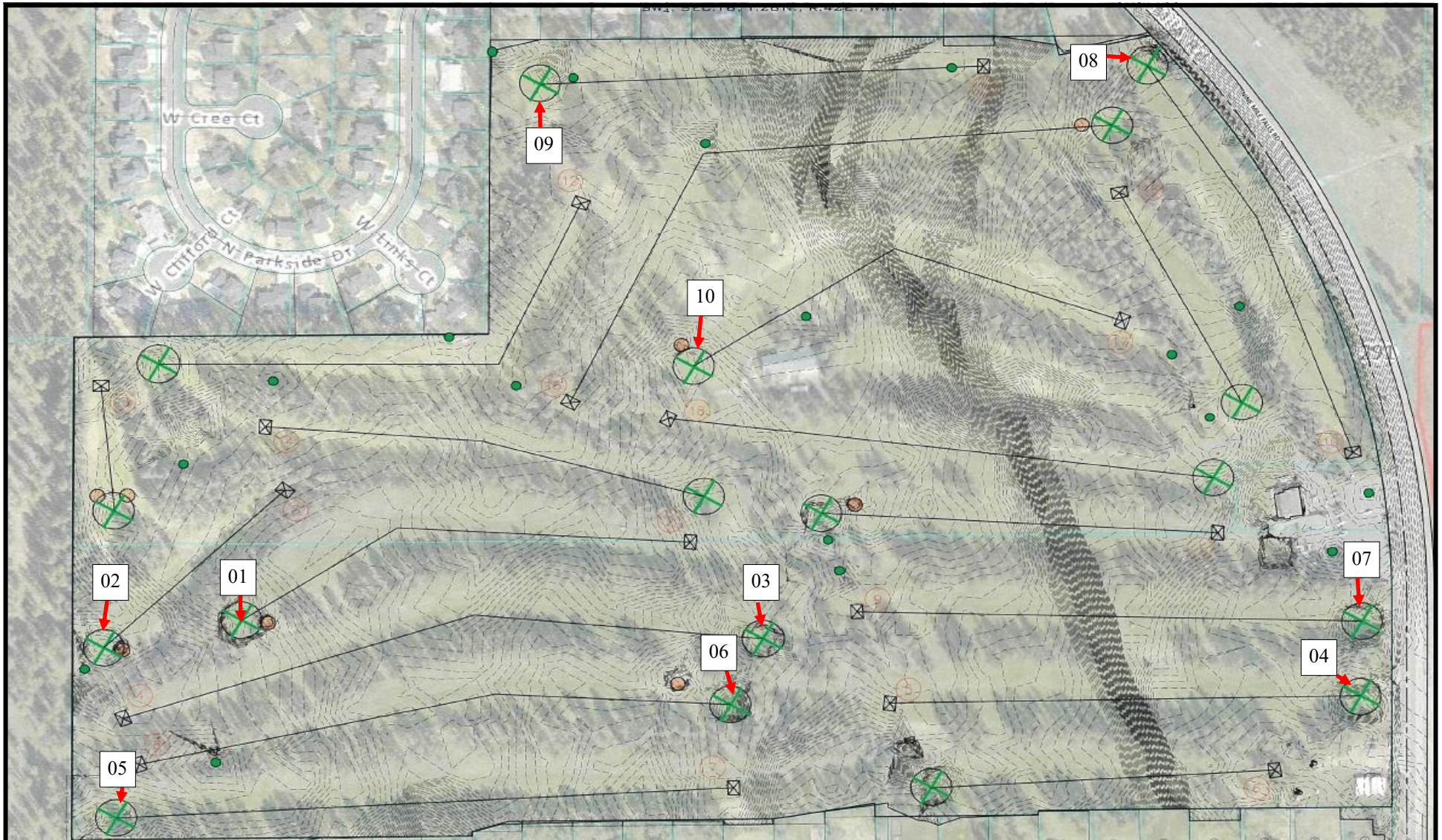
List Number: 2

Creator: Hess, Anna

List Source: Eurofins Lancaster Laboratories Env, LLC

List Creation: 07/10/21 09:45 AM

| Question                                                                            | Answer | Comment                            |
|-------------------------------------------------------------------------------------|--------|------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter. | N/A    |                                    |
| The cooler's custody seal is 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 ( $\leq 6^{\circ}\text{C}$ , not frozen).          | True   |                                    |
| Cooler Temperature is recorded.                                                     | True   |                                    |
| WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).   | N/A    |                                    |
| WV: Container Temperature is recorded.                                              | N/A    |                                    |
| COC is present.                                                                     | True   |                                    |
| COC is filled out in ink and legible.                                               | True   |                                    |
| COC is filled out with all pertinent information.                                   | 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   |                                    |
| There is sufficient vol. for all requested analyses.                                | True   |                                    |
| Multiphasic samples are not present.                                                | True   |                                    |
| Samples do not require splitting or compositing.                                    | N/A    |                                    |
| Is the Field Sampler's name present on COC?                                         | False  | Received project as a subcontract. |
| Sample Preservation Verified.                                                       | N/A    |                                    |
| Residual Chlorine Checked.                                                          | N/A    |                                    |
| Sample custody seals are intact.                                                    | N/A    |                                    |



## LEGEND

- 00 Mercury Impacted Soil Cleanup Locations
- X Putting Green
- X Tee Box



**Figure 1: Mercury Impacted Soil Cleanup Sample Location Map, Sundance Golf Course, Nine Mile Falls, Washington**



Fulcrum  
Environmental  
Consulting, Inc. 207 West Boone Avenue  
Spokane, Washington  
99201  
(509) 459-9220

Map By: Redmond Groves

Project Number: 192860.03

Date Updated: 07/28/2021

Reviewed By: Travis Trent